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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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Fuel	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 2014				
Net Generation (Thousand Megawatthours)											
Coal	132,742	157,316	-15.6%	99,479	118,756	32,201	37,261	57	97	1,005	1,202
Petroleum Liquids	1,953	6,041	-67.7%	1,170	2,540	682	3,280	NM	NM	71	117
Petroleum Coke	1,039	1,181	-12.0%	804	949	129	110	1	1	105	122
Natural Gas	101,330	90,926	11.4%	43,606	39,048	49,491	43,590	605	638	7,628	7,650
Other Gas	1,086	943	15.2%	24	12	350	318	0	0	713	613
Nuclear	74,270	73,064	1.7%	39,377	38,748	34,893	34,316	0	0	0	0
Hydroelectric Conventional	24,459	21,636	13.0%	22,308	19,221	1,881	2,056	NM	NM	266	354
Renewable Sources Excluding Hydroelectric	23,448	25,705	-8.8%	3,092	3,380	17,545	19,544	260	263	2,552	2,517
... Wind	15,258	18,017	-15.3%	2,521	2,836	12,721	15,169	NM	NM	NM	NM
... Solar Thermal and Photovoltaic	1,173	816	43.7%	72	63	1,076	731	23	21	NM	NM
... Wood and Wood-Derived Fuels	3,752	3,701	1.4%	274	268	1,039	1,040	7	5	2,431	2,389
... Other Biomass	1,818	1,752	3.8%	129	115	1,355	1,283	219	229	114	124
... Geothermal	1,448	1,419	2.0%	95	98	1,353	1,321	0	0	0	0
Hydroelectric Pumped Storage	-528	-290	82.1%	-436	-218	-92	-72	0	0	0	0
Other Energy Sources	1,063	1,009	5.4%	43	30	566	538	94	94	361	347
All Energy Sources	360,863	377,531	-4.4%	209,464	222,467	137,647	140,941	1,050	1,202	12,702	12,921
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	71,518	83,600	-14.5%	52,825	62,364	18,288	20,755	26	31	379	449
Petroleum Liquids (1000 barrels)	3,395	10,637	-68.1%	2,128	4,743	1,119	5,543	72	235	76	117
Petroleum Coke (1000 tons)	386	443	-12.7%	300	349	57	55	0	0	30	39
Natural Gas (1000 Mcf)	744,386	693,701	7.3%	327,173	309,154	357,433	323,905	5,408	5,723	54,372	54,919
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,583	1,721	-8.0%	0	0	176	193	102	115	1,306	1,413
Petroleum Liquids (1000 barrels)	570	1,113	-48.8%	0	0	107	193	121	381	341	539
Petroleum Coke (1000 tons)	129	118	9.9%	0	0	10	9	2	2	117	108
Natural Gas (1000 Mcf)	79,631	83,146	-4.2%	0	0	28,288	29,951	4,862	4,988	46,501	48,208
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	73,101	85,321	-14.3%	52,825	62,364	18,463	20,948	128	146	1,684	1,862
Petroleum Liquids (1000 barrels)	3,965	11,750	-66.3%	2,128	4,743	1,226	5,736	193	616	417	655
Petroleum Coke (1000 tons)	516	561	-8.0%	300	349	67	64	3	2	147	146
Natural Gas (1000 Mcf)	824,017	776,847	6.1%	327,173	309,154	385,701	353,856	10,270	10,711	100,873	103,127
Fuel Stocks (end-of-month)											
Coal (1000 tons)	157,762	136,185	15.8%	119,871	107,614	35,244	26,033	290	360	2,357	2,178
Petroleum Liquids (1000 barrels)	33,515	29,386	14.0%	21,098	20,386	10,477	6,756	355	463	1,585	1,782
Petroleum Coke (1000 tons)	1,110	659	68.5%	W	216	W	82	W	W	W	W

Sales, Revenue, and Average Retail Price for January									
Sector	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
	January 2015	January 2014	Percentage Change	January 2015	January 2014	Percentage Change	January 2015	January 2014	Percentage Change
Residential	136,798	146,177	-6.4%	16,555	17,032	-2.8%	12.10	11.65	3.9%
Commercial	111,284	114,169	-2.5%	11,461	11,808	-2.9%	10.30	10.34	-0.4%
Industrial	76,946	77,028	-0.1%	5,091	5,347	-4.8%	6.62	6.94	-4.6%
Transportation	653	735	-11.1%	70	76	-7.8%	10.67	10.29	3.7%
All Sectors	325,682	338,108	-3.7%	33,177	34,263	-3.2%	10.19	10.13	0.6%

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											
Fuel	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
	January 2015 YTD	January 2014 YTD	Percentage Change	Electric Utilities		Independent Power Producers		January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
				January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD				
Net Generation (Thousand Megawatthours)											
Coal	132,742	157,316	-15.6%	99,479	118,756	32,201	37,261	57	97	1,005	1,202
Petroleum Liquids	1,953	6,041	-67.7%	1,170	2,540	682	3,280	NM	NM	71	117
Petroleum Coke	1,039	1,181	-12.0%	804	949	129	110	1	1	105	122
Natural Gas	101,330	90,926	11.4%	43,606	39,048	49,491	43,590	605	638	7,628	7,650
Other Gas	1,086	943	15.2%	24	12	350	318	0	0	713	613
Nuclear	74,270	73,064	1.7%	39,377	38,748	34,893	34,316	0	0	0	0
Hydroelectric Conventional	24,459	21,636	13.0%	22,308	19,221	1,881	2,056	NM	NM	266	354
Renewable Sources Excluding Hydroelectric	23,448	25,705	-8.8%	3,092	3,380	17,545	19,544	260	263	2,552	2,517
... Wind	15,258	18,017	-15.3%	2,521	2,836	12,721	15,169	NM	NM	NM	NM
... Solar Thermal and Photovoltaic	1,173	816	43.7%	72	63	1,076	731	23	21	NM	NM
... Wood and Wood-Derived Fuels	3,752	3,701	1.4%	274	268	1,039	1,040	7	5	2,431	2,389
... Other Biomass	1,818	1,752	3.8%	129	115	1,355	1,283	219	229	114	124
... Geothermal	1,448	1,419	2.0%	95	98	1,353	1,321	0	0	0	0
Hydroelectric Pumped Storage	-528	-290	82.1%	-436	-218	-92	-72	0	0	0	0
Other Energy Sources	1,063	1,009	5.4%	43	30	566	538	94	94	361	347
All Energy Sources	360,863	377,531	-4.4%	209,464	222,467	137,647	140,941	1,050	1,202	12,702	12,921
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	71,518	83,600	-14.5%	52,825	62,364	18,288	20,755	26	31	379	449
Petroleum Liquids (1000 barrels)	3,395	10,637	-68.1%	2,128	4,743	1,119	5,543	72	235	76	117
Petroleum Coke (1000 tons)	386	443	-12.7%	300	349	57	55	0	0	30	39
Natural Gas (1000 Mcf)	744,386	693,701	7.3%	327,173	309,154	357,433	323,905	5,408	5,723	54,372	54,919
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,583	1,721	-8.0%	0	0	176	193	102	115	1,306	1,413
Petroleum Liquids (1000 barrels)	570	1,113	-48.8%	0	0	107	193	121	381	341	539
Petroleum Coke (1000 tons)	129	118	9.9%	0	0	10	9	2	2	117	108
Natural Gas (1000 Mcf)	79,631	83,146	-4.2%	0	0	28,268	29,951	4,862	4,988	46,501	48,208
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	73,101	85,321	-14.3%	52,825	62,364	18,463	20,948	128	146	1,684	1,862
Petroleum Liquids (1000 barrels)	3,965	11,750	-66.3%	2,128	4,743	1,226	5,736	193	616	417	655
Petroleum Coke (1000 tons)	516	561	-8.0%	300	349	67	64	3	2	147	146
Natural Gas (1000 Mcf)	824,017	776,847	6.1%	327,173	309,154	385,701	353,856	10,270	10,711	100,873	103,127

Sales, Revenue, and Average Retail Price for January									
Sector	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	Percentage Change
Residential	136,798	146,177	-6.4%	16,555	17,032	-2.8%	12.10	11.65	3.9%
Commercial	111,284	114,169	-2.5%	11,461	11,808	-2.9%	10.30	10.34	-0.4%
Industrial	76,946	77,028	-0.1%	5,091	5,347	-4.8%	6.62	6.94	-4.6%
Transportation	653	735	-11.1%	70	76	-7.8%	10.67	10.29	3.7%
All Sectors	325,682	338,108	-3.7%	33,177	34,263	-3.2%	10.19	10.13	0.6%

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)										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date			
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
Coal (1000 tons)	72,721	67,779	44.12	43.90	319	323	72,721	67,779	44.12	43.90
Petroleum Liquids (1000 barrels)	2,190	4,499	77.20	130.83	208	267	2,190	4,499	77.20	130.83
Petroleum Coke (1000 tons)	484	350	57.48	50.87	12	12	484	350	57.48	50.87
Natural Gas (1000 Mcf)	730,694	691,475	4.23	7.22	712	727	730,694	691,475	4.23	7.22

Electric Utilities										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date			
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
Coal (1000 tons)	53,698	47,962	44.93	44.60	225	226	53,698	47,962	44.93	44.60
Petroleum Liquids (1000 barrels)	1,461	2,017	71.88	129.71	132	161	1,461	2,017	71.88	129.71
Petroleum Coke (1000 tons)	404	309	55.36	50.66	8	8	404	309	55.36	50.66
Natural Gas (1000 Mcf)	314,575	301,902	4.38	6.34	361	370	314,575	301,902	4.38	6.34

Independent Power Producers										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date			
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
Coal (1000 tons)	18,235	19,050	40.87	41.28	70	76	18,235	19,050	40.87	41.28
Petroleum Liquids (1000 barrels)	703	2,432	90.58	132.11	67	92	703	2,432	90.58	132.11
Petroleum Coke (1000 tons)	52	33	W	W	2	2	52	33	67.25	W
Natural Gas (1000 Mcf)	359,180	327,589	4.20	8.74	303	314	359,180	327,589	4.20	8.74

Commercial Sector										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date			
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
Coal (1000 tons)	12	18	W	W	2	2	12	18	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)	491	400	W	W	2	2	491	400	W	W

Industrial Sector										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date			
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
Coal (1000 tons)	775	750	W	W	22	19	775	750	W	W
Petroleum Liquids (1000 barrels)	26	50	76.07	117.73	9	14	26	50	76.07	117.73
Petroleum Coke (1000 tons)	29	8	W	W	2	2	29	8	W	W
Natural Gas (1000 Mcf)	56,448	61,584	W	W	46	41	56,448	61,584	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)												
Fuel	Receipts						Cost					
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)		Year-to-Date	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014		
Coal	1,405,183	1,295,172	2.28	2.30	319	323	1,405,183	1,295,172	2.28	2.30		
Petroleum Liquids	13,249	26,893	12.76	21.87	208	267	13,249	26,893	12.76	21.87		
Petroleum Coke	13,724	9,894	2.03	1.80	12	12	13,724	9,894	2.03	1.80		
Natural Gas	754,341	709,245	4.10	7.04	712	727	754,341	709,245	4.10	7.04		
Fossil Fuels	2,186,497	2,041,204	2.92	4.10	931	949	2,186,497	2,041,204	2.92	4.10		

Electric Utilities												
Fuel	Receipts						Cost					
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)		Year-to-Date	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014		
Coal	1,047,181	926,991	2.30	2.31	225	226	1,047,181	926,991	2.30	2.31		
Petroleum Liquids	8,876	12,038	11.83	21.73	132	161	8,876	12,038	11.83	21.73		
Petroleum Coke	11,509	8,753	1.94	1.79	8	8	11,509	8,753	1.94	1.79		
Natural Gas	324,270	308,967	4.25	6.20	361	370	324,270	308,967	4.25	6.20		
Fossil Fuels	1,391,837	1,256,749	2.81	3.44	511	518	1,391,837	1,256,749	2.81	3.44		

Independent Power Producers												
Fuel	Receipts						Cost					
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)		Year-to-Date	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014		
Coal	339,916	350,905	2.19	2.24	70	76	339,916	350,905	2.19	2.24		
Petroleum Liquids	4,214	14,545	15.13	22.04	67	92	4,214	14,545	15.13	22.04		
Petroleum Coke	1,427	922	W	W	2	2	1,427	922	2.43	W		
Natural Gas	371,200	336,380	4.07	8.51	303	314	371,200	336,380	4.07	8.51		
Fossil Fuels	716,757	702,751	W	W	369	384	716,757	702,751	W	W		

Commercial Sector												
Fuel	Receipts						Cost					
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)		Year-to-Date	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014		
Coal	272	400	W	W	2	2	272	400	W	W		
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--		
Petroleum Coke	0	0	--	--	0	0	0	0	--	--		
Natural Gas	499	405	W	W	2	2	499	405	W	W		
Fossil Fuels	771	805	W	W	2	2	771	805	W	W		

Industrial Sector												
Fuel	Receipts						Cost					
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)		Year-to-Date	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014		
Coal	17,813	16,877	W	W	22	19	17,813	16,877	W	W		
Petroleum Liquids	159	310	12.53	19.16	9	14	159	310	12.53	19.16		
Petroleum Coke	788	219	W	W	2	2	788	219	W	W		
Natural Gas	58,372	63,493	W	W	46	41	58,372	63,493	W	W		
Fossil Fuels	77,132	80,898	W	W	49	45	77,132	80,898	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-January 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
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
2014											
January	157,316	6,041	1,181	90,926	943	73,064	21,636	25,705	-290	1,099	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
2015											
January	132,742	1,953	1,039	101,330	1,086	74,270	24,459	23,448	-528	1,063	360,863
Year to Date											
2013	138,105	1,733	1,042	88,559	1,144	71,406	24,829	21,518	-465	1,098	348,967
2014	157,316	6,041	1,181	90,926	943	73,064	21,636	25,705	-290	1,099	377,531
2015	132,742	1,953	1,039	101,330	1,086	74,270	24,459	23,448	-528	1,063	360,863
Rolling 12 Months Ending in January											
2014	1,600,326	18,128	13,484	1,127,203	12,653	790,675	265,373	257,695	-4,506	13,499	4,094,528
2015	1,561,122	14,620	11,639	1,132,331	11,721	798,273	261,572	278,803	-6,447	12,630	4,076,266

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-January 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
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
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
2015										
January	15,258	1,114	59	3,752	935	609	274	1,448	24,459	47,907
Year to Date										
2013	14,739	299	11	3,400	870	579	239	1,382	24,829	46,347
2014	18,017	762	54	3,701	895	584	273	1,419	21,636	47,341
2015	15,258	1,114	59	3,752	935	609	274	1,448	24,459	47,907
Rolling 12-Month Ending in January										
2014	171,118	8,584	958	40,329	10,683	7,191	3,021	15,812	265,373	523,068
2015	179,032	16,226	2,452	43,100	11,007	7,413	2,916	16,657	261,572	540,375

Wood and Wood-derived fuels include wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids), wood waste liquids (red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids), and black liquor.

Other Waste Biomass includes sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).

Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.

See Glossary for definitions. Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

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**Table 1.2. Net Generation by Energy Source: Electric Utilities, 2005-January 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	5,522	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
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	32,937	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
September	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
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
September	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
2015											
January	99,479	1,170	804	43,606	24	39,377	22,308	3,092	-436	43	209,464
Year to Date											
2013	103,536	1,018	700	39,880	71	36,748	22,563	2,966	-404	45	207,123
2014	118,756	2,540	949	39,048	12	38,748	19,221	3,380	-218	30	222,467
2015	99,479	1,170	804	43,606	24	39,377	22,308	3,092	-436	43	209,464
Rolling 12 Months Ending in January											
2014	1,203,672	10,968	9,771	500,596	739	408,114	239,699	32,831	-3,588	600	2,403,402
2015	1,180,709	9,763	8,914	481,975	103	420,401	237,874	34,070	-5,397	484	2,368,898

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 1.3. Net Generation by Energy Source: Independent Power Producers, 2005-January 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
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
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
2015											
January	32,201	682	129	49,491	350	34,893	1,881	17,545	-92	566	137,647
Year to Date											
2013	33,416	635	149	40,509	313	34,658	1,938	15,836	-61	545	127,938
2014	37,261	3,280	110	43,590	318	34,316	2,056	19,544	-72	538	140,941
2015	32,201	682	129	49,491	350	34,893	1,881	17,545	-92	566	137,647
Rolling 12 Months Ending in January											
2014	383,115	6,406	1,742	530,602	3,529	382,560	22,136	192,753	-918	6,735	1,528,660
2015	366,822	4,135	1,427	557,877	3,884	377,872	21,046	211,992	-1,050	6,769	1,550,773

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.

Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.

Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.

Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.

See the Technical Notes for fuel conversion factors.

Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.

Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.

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Table 1.4. Net Generation by Energy Source: Commercial Sector, 2005-January 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
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	1,028
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
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
2015											
January	57	NM	1	605	0	0	NM	260	0	94	1,050
Year to Date											
2013	89	19	1	562	0	0	4	222	0	85	981
2014	97	NM	1	638	0	0	NM	263	0	94	1,202
2015	57	NM	1	605	0	0	NM	260	0	94	1,050
Rolling 12 Months Ending in January											
2014	847	NM	5	7,230	0	0	NM	2,997	0	1,127	12,454
2015	709	NM	9	7,194	0	0	NM	3,215	0	1,212	12,554

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.

Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.

Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.

Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.

See the Technical Notes for fuel conversion factors.

Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.

Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.

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**Table 1.5. Net Generation by Energy Source: Industrial Sector, 2005-January 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
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
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
2015											
January	1,005	71	105	7,628	713	0	266	2,552	0	361	12,702
Year to Date											
2013	1,064	61	192	7,608	759	0	324	2,494	0	423	12,924
2014	1,202	117	122	7,650	613	0	354	2,517	0	347	12,921
2015	1,005	71	105	7,628	713	0	266	2,552	0	361	12,702
Rolling 12 Months Ending in January											
2014	12,691	550	1,966	88,775	8,385	0	3,494	29,114	0	5,037	150,012
2015	12,882	NM	1,289	85,286	7,734	0	2,611	29,526	0	4,165	144,041

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, January 2015 and 2014 (Thousand Megawatthours)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 2014				
New England	9,700	10,405	-6.8%	515	678	8,753	9,181	115	156	317	389
Connecticut	3,491	3,060	14.1%	NM	NM	3,414	2,973	NM	NM	NM	NM
Maine	1,258	1,451	-13.3%	NM	NM	985	1,110	19	NM	255	321
Massachusetts	2,337	2,983	-21.7%	33	119	2,237	2,771	51	76	NM	NM
New Hampshire	2,095	1,839	13.9%	394	454	1,690	1,366	NM	NM	NM	NM
Rhode Island	333	405	-17.7%	1	NM	325	390	NM	NM	0	0
Vermont	186	667	-72.1%	83	96	102	570	NM	NM	0	0
Middle Atlantic	38,611	38,997	-1.0%	3,094	3,055	34,942	35,338	182	194	393	409
New Jersey	6,220	6,001	3.7%	-9	-16	6,124	5,908	49	46	56	63
New York	11,814	12,568	-6.0%	3,035	2,946	8,585	9,413	106	118	89	90
Pennsylvania	20,577	20,428	0.7%	68	125	20,234	20,017	27	30	249	256
East North Central	56,962	61,387	-7.2%	29,311	33,256	26,600	27,064	174	199	877	868
Illinois	17,973	19,122	-6.0%	879	1,121	16,807	17,703	59	62	228	235
Indiana	10,158	11,846	-14.2%	8,801	10,483	1,065	1,099	NM	24	275	240
Michigan	9,875	10,093	-2.2%	7,399	7,855	2,277	2,013	70	83	129	143
Ohio	12,762	13,873	-8.0%	7,816	8,886	4,848	4,887	NM	NM	83	84
Wisconsin	6,194	6,453	-4.0%	4,417	4,911	1,602	1,362	NM	14	163	166
West North Central	30,781	32,417	-5.0%	26,450	27,548	3,897	4,366	52	62	382	442
Iowa	5,438	5,621	-3.3%	4,075	4,081	1,154	1,290	21	28	189	222
Kansas	4,036	4,719	-14.5%	3,175	3,745	850	967	0	0	NM	NM
Minnesota	5,282	5,301	-0.4%	4,328	4,156	809	976	NM	21	127	147
Missouri	8,168	8,788	-7.1%	8,011	8,608	140	160	12	11	NM	NM
Nebraska	3,390	3,556	-4.6%	3,052	3,312	303	203	NM	NM	34	40
North Dakota	3,469	3,554	-2.4%	3,038	3,018	416	518	NM	NM	16	18
South Dakota	997	878	13.6%	772	627	225	251	NM	NM	0	0
South Atlantic	69,334	74,976	-7.5%	56,922	61,378	10,655	11,766	116	130	1,640	1,700
Delaware	648	602	7.7%	NM	NM	551	534	NM	NM	95	63
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	18,179	19,061	-4.6%	16,829	17,544	896	1,076	NM	NM	446	435
Georgia	10,933	12,091	-9.6%	9,163	10,851	1,364	810	NM	3	403	427
Maryland	3,274	4,218	-22.4%	NM	NM	3,191	4,114	NM	NM	36	38
North Carolina	11,947	13,239	-9.8%	10,469	11,873	1,256	1,093	20	23	202	249
South Carolina	8,711	9,489	-8.2%	8,461	9,206	92	96	NM	NM	156	186
Virginia	7,738	8,321	-7.0%	6,667	6,834	839	1,259	34	33	197	195
West Virginia	7,899	7,951	-0.7%	5,328	5,060	2,465	2,783	0	0	105	108
East South Central	34,958	37,119	-5.8%	29,335	32,168	4,649	3,904	NM	NM	956	1,030
Alabama	13,476	14,291	-5.7%	9,545	10,964	3,558	2,917	0	0	373	410
Kentucky	8,175	9,285	-12.0%	8,102	9,194	18	36	0	0	56	55
Mississippi	5,562	5,377	3.5%	4,236	4,187	1,056	936	NM	NM	269	252
Tennessee	7,744	8,166	-5.2%	7,452	7,823	17	15	NM	NM	259	313
West South Central	58,458	58,691	-0.4%	19,233	21,431	32,627	30,956	85	78	6,513	6,227
Arkansas	4,552	5,639	-19.3%	3,241	4,135	1,140	1,343	NM	NM	171	160
Louisiana	9,436	9,591	-1.6%	5,044	4,568	1,850	2,507	NM	17	2,525	2,499
Oklahoma	6,418	6,584	-2.5%	4,335	4,772	2,023	1,744	NM	NM	58	67
Texas	38,052	36,876	3.2%	6,614	7,956	27,614	25,361	65	59	3,759	3,500
Mountain	30,420	31,353	-3.0%	23,874	24,616	6,297	6,443	33	41	216	253
Arizona	8,254	9,047	-8.8%	7,280	7,970	963	1,064	NM	14	0	0
Colorado	4,624	4,903	-5.7%	3,436	3,761	1,181	1,134	NM	NM	NM	NM
Idaho	1,310	1,222	7.2%	918	717	345	461	0	0	46	44
Montana	2,814	2,340	20.2%	587	466	2,226	1,873	0	0	NM	NM
Nevada	2,715	2,757	-1.5%	1,991	1,923	702	802	NM	NM	NM	25
New Mexico	2,526	2,398	5.3%	2,068	1,821	452	568	NM	NM	NM	NM
Utah	3,774	3,892	-3.0%	3,611	3,704	128	127	NM	NM	29	53
Wyoming	4,404	4,793	-8.1%	3,983	4,255	300	415	0	0	121	123
Pacific Contiguous	30,260	30,650	-1.3%	19,721	17,272	8,953	11,581	228	261	1,358	1,536
California	14,034	15,663	-10.4%	5,437	5,336	7,183	8,714	218	248	1,196	1,365
Oregon	5,499	5,459	0.7%	4,502	3,951	935	1,440	NM	NM	54	57
Washington	10,728	9,529	12.6%	9,782	7,985	835	1,427	NM	NM	108	114
Pacific Noncontiguous	1,378	1,537	-10.3%	1,009	1,064	274	343	46	62	48	67
Alaska	591	590	0.2%	546	528	20	22	15	28	NM	12
Hawaii	787	947	-16.8%	463	537	254	321	31	34	39	55
U.S. Total	360,863	377,531	-4.4%	209,464	222,467	137,647	140,941	1,050	1,202	12,702	12,921

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 January 2015 and 2014 (Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	9,700	10,405	-6.8%	515	678	8,753	9,181	115	156	317	389
Connecticut	3,491	3,060	14.1%	NM	NM	3,414	2,973	NM	NM	NM	NM
Maine	1,258	1,451	-13.3%	NM	NM	985	1,110	19	NM	255	321
Massachusetts	2,337	2,983	-21.7%	33	119	2,237	2,771	51	76	NM	NM
New Hampshire	2,095	1,839	13.9%	394	454	1,690	1,366	NM	NM	NM	NM
Rhode Island	333	405	-17.7%	1	NM	325	390	NM	NM	0	0
Vermont	186	667	-72.1%	83	96	102	570	NM	NM	0	0
Middle Atlantic	38,611	38,997	-1.0%	3,094	3,055	34,942	35,338	182	194	393	409
New Jersey	6,220	6,001	3.7%	-9	-16	6,124	5,908	49	46	56	63
New York	11,814	12,568	-6.0%	3,035	2,946	8,585	9,413	106	118	89	90
Pennsylvania	20,577	20,428	0.7%	68	125	20,234	20,017	27	30	249	256
East North Central	56,962	61,387	-7.2%	29,311	33,256	26,600	27,064	174	199	877	868
Illinois	17,973	19,122	-6.0%	879	1,121	16,807	17,703	59	62	228	235
Indiana	10,158	11,846	-14.2%	8,801	10,483	1,065	1,099	NM	24	275	240
Michigan	9,875	10,093	-2.2%	7,399	7,855	2,277	2,013	70	83	129	143
Ohio	12,762	13,873	-8.0%	7,816	8,886	4,848	4,887	NM	NM	83	84
Wisconsin	6,194	6,453	-4.0%	4,417	4,911	1,602	1,362	NM	14	163	166
West North Central	30,781	32,417	-5.0%	26,450	27,548	3,897	4,366	52	62	382	442
Iowa	5,438	5,621	-3.3%	4,075	4,081	1,154	1,290	21	28	189	222
Kansas	4,036	4,719	-14.5%	3,175	3,745	850	967	0	0	NM	NM
Minnesota	5,282	5,301	-0.4%	4,328	4,156	809	976	NM	21	127	147
Missouri	8,168	8,788	-7.1%	8,011	8,608	140	160	12	11	NM	NM
Nebraska	3,390	3,556	-4.6%	3,052	3,312	303	203	NM	NM	34	40
North Dakota	3,469	3,554	-2.4%	3,038	3,018	416	518	NM	NM	16	18
South Dakota	997	878	13.6%	772	627	225	251	NM	NM	0	0
South Atlantic	69,334	74,976	-7.5%	56,922	61,378	10,655	11,766	116	130	1,640	1,700
Delaware	648	602	7.7%	NM	NM	551	534	NM	NM	95	63
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	18,179	19,061	-4.6%	16,829	17,544	896	1,076	NM	NM	446	435
Georgia	10,933	12,091	-9.6%	9,163	10,851	1,364	810	NM	3	403	427
Maryland	3,274	4,218	-22.4%	NM	NM	3,191	4,114	NM	NM	36	38
North Carolina	11,947	13,239	-9.8%	10,469	11,873	1,256	1,093	20	23	202	249
South Carolina	8,711	9,489	-8.2%	8,461	9,206	92	96	NM	NM	156	186
Virginia	7,738	8,321	-7.0%	6,667	6,834	839	1,259	34	33	197	195
West Virginia	7,899	7,951	-0.7%	5,328	5,060	2,465	2,783	0	0	105	108
East South Central	34,958	37,119	-5.8%	29,335	32,168	4,649	3,904	NM	NM	956	1,030
Alabama	13,476	14,291	-5.7%	9,545	10,964	3,558	2,917	0	0	373	410
Kentucky	8,175	9,285	-12.0%	8,102	9,194	18	36	0	0	56	55
Mississippi	5,562	5,377	3.5%	4,236	4,187	1,056	936	NM	NM	269	252
Tennessee	7,744	8,166	-5.2%	7,452	7,823	17	15	NM	NM	259	313
West South Central	58,458	58,691	-0.4%	19,233	21,431	32,627	30,956	85	78	6,513	6,227
Arkansas	4,552	5,639	-19.3%	3,241	4,135	1,140	1,343	NM	NM	171	160
Louisiana	9,436	9,591	-1.6%	5,044	4,568	1,850	2,507	NM	17	2,525	2,499
Oklahoma	6,418	6,584	-2.5%	4,335	4,772	2,023	1,744	NM	NM	58	67
Texas	38,052	36,876	3.2%	6,614	7,956	27,614	25,361	65	59	3,759	3,500
Mountain	30,420	31,353	-3.0%	23,874	24,616	6,297	6,443	33	41	216	253
Arizona	8,254	9,047	-8.8%	7,280	7,970	963	1,064	NM	14	0	0
Colorado	4,624	4,903	-5.7%	3,436	3,761	1,181	1,134	NM	NM	NM	NM
Idaho	1,310	1,222	7.2%	918	717	345	461	0	0	46	44
Montana	2,814	2,340	20.2%	587	466	2,226	1,873	0	0	NM	NM
Nevada	2,715	2,757	-1.5%	1,991	1,923	702	802	NM	NM	NM	25
New Mexico	2,526	2,398	5.3%	2,068	1,821	452	568	NM	NM	NM	NM
Utah	3,774	3,892	-3.0%	3,611	3,704	128	127	NM	NM	29	53
Wyoming	4,404	4,793	-8.1%	3,983	4,255	300	415	0	0	121	123
Pacific Contiguous	30,260	30,650	-1.3%	19,721	17,272	8,953	11,581	228	261	1,358	1,536
California	14,034	15,663	-10.4%	5,437	5,336	7,183	8,714	218	248	1,196	1,365
Oregon	5,499	5,459	0.7%	4,502	3,951	935	1,440	NM	NM	54	57
Washington	10,728	9,529	12.6%	9,782	7,985	835	1,427	NM	NM	108	114
Pacific Noncontiguous	1,378	1,537	-10.3%	1,009	1,064	274	343	46	62	48	67
Alaska	591	590	0.2%	546	528	20	22	15	28	NM	12
Hawaii	787	947	-16.8%	463	537	254	321	31	34	39	55
U.S. Total	360,863	377,531	-4.4%	209,464	222,467	137,647	140,941	1,050	1,202	12,702	12,921

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

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	1,121	1,079	3.9%	322	317	790	751	0	0	9	10
Connecticut	205	172	19.6%	0	0	205	172	0	0	0	0
Maine	14	16	-10.0%	0	0	8	8	0	0	6	7
Massachusetts	579	574	0.9%	0	0	576	571	0	0	NM	NM
New Hampshire	322	317	1.5%	322	317	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	8,284	9,709	-14.7%	NM	NM	8,205	9,616	NM	NM	75	88
New Jersey	303	399	-24.2%	0	0	303	399	0	0	0	0
New York	319	835	-61.8%	NM	NM	290	800	0	0	27	31
Pennsylvania	7,663	8,475	-9.6%	0	0	7,613	8,416	NM	NM	49	57
East North Central	31,331	37,377	-16.2%	22,975	27,842	8,080	9,209	13	30	264	296
Illinois	7,377	8,268	-10.8%	860	1,084	6,365	7,021	4	5	148	157
Indiana	7,901	9,904	-20.2%	7,468	9,423	427	463	4	16	NM	NM
Michigan	4,301	5,056	-14.9%	4,237	4,977	NM	41	4	8	22	30
Ohio	8,048	9,753	-17.5%	6,776	8,046	1,249	1,683	NM	NM	22	24
Wisconsin	3,704	4,395	-15.7%	3,633	4,312	0	0	NM	NM	71	82
West North Central	19,240	20,861	-7.8%	18,934	20,488	NM	NM	20	27	284	344
Iowa	2,915	3,130	-6.9%	2,730	2,905	0	0	12	18	173	206
Kansas	2,125	2,607	-18.5%	2,125	2,607	0	0	0	0	0	0
Minnesota	2,627	2,720	-3.4%	2,562	2,640	0	0	0	0	65	80
Missouri	6,754	7,227	-6.5%	6,740	7,208	NM	NM	8	9	NM	NM
Nebraska	1,951	2,326	-16.1%	1,917	2,286	0	0	0	0	33	40
North Dakota	2,606	2,626	-0.7%	2,598	2,616	0	0	0	0	NM	10
South Dakota	262	226	15.7%	262	226	0	0	0	0	0	0
South Atlantic	23,695	30,802	-23.1%	19,463	25,278	4,057	5,295	10	11	164	219
Delaware	118	167	-29.5%	0	0	118	167	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,070	4,692	-34.6%	3,060	4,675	0	0	0	0	NM	NM
Georgia	3,006	4,996	-39.8%	2,977	4,941	0	0	0	0	29	55
Maryland	1,539	2,328	-33.9%	0	0	1,521	2,308	NM	NM	18	19
North Carolina	4,032	5,686	-29.1%	3,947	5,529	NM	125	9	11	NM	NM
South Carolina	2,411	2,820	-14.5%	2,397	2,799	0	0	0	0	14	21
Virginia	1,946	2,606	-25.3%	1,819	2,411	92	160	1	0	NM	36
West Virginia	7,573	7,506	0.9%	5,263	4,922	2,260	2,534	0	0	50	49
East South Central	14,610	17,318	-15.6%	14,215	16,938	292	250	NM	NM	101	127
Alabama	3,063	4,490	-31.8%	3,049	4,469	0	0	0	0	NM	20
Kentucky	7,443	8,195	-9.2%	7,443	8,195	0	0	0	0	0	0
Mississippi	663	1,109	-40.2%	371	860	292	250	0	0	0	0
Tennessee	3,441	3,524	-2.4%	3,352	3,414	0	0	NM	NM	87	107
West South Central	17,329	20,911	-17.1%	8,960	11,402	8,343	9,474	0	0	NM	NM
Arkansas	1,627	3,073	-47.1%	1,575	2,614	47	453	0	0	6	6
Louisiana	1,878	1,930	-2.7%	964	724	914	1,206	0	0	0	0
Oklahoma	2,375	2,792	-14.9%	2,208	2,601	147	162	0	0	NM	NM
Texas	11,449	13,116	-12.7%	4,213	5,463	7,235	7,653	0	0	0	0
Mountain	16,355	17,692	-7.6%	14,564	16,065	1,743	1,576	0	0	47	51
Arizona	3,203	3,916	-18.2%	3,203	3,916	0	0	0	0	0	0
Colorado	2,884	3,172	-9.1%	2,879	3,164	NM	NM	0	0	NM	NM
Idaho	NM	9	NM	0	0	0	0	0	0	NM	9
Montana	1,592	1,342	18.7%	NM	NM	1,566	1,313	0	0	NM	NM
Nevada	211	670	-68.4%	133	511	79	159	0	0	0	0
New Mexico	1,571	1,408	11.6%	1,571	1,408	0	0	0	0	0	0
Utah	3,044	3,115	-2.3%	3,010	3,078	NM	NM	0	0	0	0
Wyoming	3,841	4,061	-5.4%	3,743	3,961	NM	NM	0	0	38	40
Pacific Contiguous	616	1,378	-55.3%	26	405	559	944	0	0	31	29
California	34	25	35.5%	0	0	NM	NM	0	0	30	25
Oregon	26	405	-93.6%	26	405	0	0	0	0	0	0
Washington	556	948	-41.4%	0	0	554	944	0	0	2	5
Pacific Noncontiguous	160	188	-14.5%	18	17	130	144	10	23	NM	NM
Alaska	44	57	-23.0%	18	17	16	17	10	23	0	0
Hawaii	116	130	-10.8%	0	0	114	127	0	0	NM	NM
U.S. Total	132,742	157,316	-15.6%	99,479	118,756	32,201	37,261	57	97	1,005	1,202

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

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

Table 1.7.B. Net Generation from Coal

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	1,121	1,079	3.9%	322	317	790	751	0	0	9	10
Connecticut	205	172	19.6%	0	0	205	172	0	0	0	0
Maine	14	16	-10.0%	0	0	8	8	0	0	6	7
Massachusetts	579	574	0.9%	0	0	576	571	0	0	NM	NM
New Hampshire	322	317	1.5%	322	317	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	8,284	9,709	-14.7%	NM	NM	8,205	9,616	NM	NM	75	88
New Jersey	303	399	-24.2%	0	0	303	399	0	0	0	0
New York	319	835	-61.8%	NM	NM	290	800	0	0	27	31
Pennsylvania	7,663	8,475	-9.6%	0	0	7,613	8,416	NM	NM	49	57
East North Central	31,331	37,377	-16.2%	22,975	27,842	8,080	9,209	13	30	264	296
Illinois	7,377	8,268	-10.8%	860	1,084	6,365	7,021	4	5	148	157
Indiana	7,901	9,904	-20.2%	7,468	9,423	427	463	4	16	NM	NM
Michigan	4,301	5,056	-14.9%	4,237	4,977	NM	41	4	8	22	30
Ohio	8,048	9,753	-17.5%	6,776	8,046	1,249	1,683	NM	NM	22	24
Wisconsin	3,704	4,395	-15.7%	3,633	4,312	0	0	NM	NM	71	82
West North Central	19,240	20,861	-7.8%	18,934	20,488	NM	NM	20	27	284	344
Iowa	2,915	3,130	-6.9%	2,730	2,905	0	0	12	18	173	206
Kansas	2,125	2,607	-18.5%	2,125	2,607	0	0	0	0	0	0
Minnesota	2,627	2,720	-3.4%	2,562	2,640	0	0	0	0	65	80
Missouri	6,754	7,227	-6.5%	6,740	7,208	NM	NM	8	9	NM	NM
Nebraska	1,951	2,326	-16.1%	1,917	2,286	0	0	0	0	33	40
North Dakota	2,606	2,626	-0.7%	2,598	2,616	0	0	0	0	NM	10
South Dakota	262	226	15.7%	262	226	0	0	0	0	0	0
South Atlantic	23,695	30,802	-23.1%	19,463	25,278	4,057	5,295	10	11	164	219
Delaware	118	167	-29.5%	0	0	118	167	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,070	4,692	-34.6%	3,060	4,675	0	0	0	0	NM	NM
Georgia	3,006	4,996	-39.8%	2,977	4,941	0	0	0	0	29	55
Maryland	1,539	2,328	-33.9%	0	0	1,521	2,308	NM	NM	18	19
North Carolina	4,032	5,686	-29.1%	3,947	5,529	NM	125	9	11	NM	NM
South Carolina	2,411	2,820	-14.5%	2,397	2,799	0	0	0	0	14	21
Virginia	1,946	2,606	-25.3%	1,819	2,411	92	160	1	0	NM	36
West Virginia	7,573	7,506	0.9%	5,263	4,922	2,260	2,534	0	0	50	49
East South Central	14,610	17,318	-15.6%	14,215	16,938	292	250	NM	NM	101	127
Alabama	3,063	4,490	-31.8%	3,049	4,469	0	0	0	0	NM	20
Kentucky	7,443	8,195	-9.2%	7,443	8,195	0	0	0	0	0	0
Mississippi	663	1,109	-40.2%	371	860	292	250	0	0	0	0
Tennessee	3,441	3,524	-2.4%	3,352	3,414	0	0	NM	NM	87	107
West South Central	17,329	20,911	-17.1%	8,960	11,402	8,343	9,474	0	0	NM	NM
Arkansas	1,627	3,073	-47.1%	1,575	2,614	47	453	0	0	6	6
Louisiana	1,878	1,930	-2.7%	964	724	914	1,206	0	0	0	0
Oklahoma	2,375	2,792	-14.9%	2,208	2,601	147	162	0	0	NM	NM
Texas	11,449	13,116	-12.7%	4,213	5,463	7,235	7,653	0	0	0	0
Mountain	16,355	17,692	-7.6%	14,564	16,065	1,743	1,576	0	0	47	51
Arizona	3,203	3,916	-18.2%	3,203	3,916	0	0	0	0	0	0
Colorado	2,884	3,172	-9.1%	2,879	3,164	NM	NM	0	0	NM	NM
Idaho	NM	9	NM	0	0	0	0	0	0	NM	9
Montana	1,592	1,342	18.7%	NM	NM	1,566	1,313	0	0	NM	NM
Nevada	211	670	-68.4%	133	511	79	159	0	0	0	0
New Mexico	1,571	1,408	11.6%	1,571	1,408	0	0	0	0	0	0
Utah	3,044	3,115	-2.3%	3,010	3,078	NM	NM	0	0	0	0
Wyoming	3,841	4,061	-5.4%	3,743	3,961	NM	NM	0	0	38	40
Pacific Contiguous	616	1,378	-55.3%	26	405	559	944	0	0	31	29
California	34	25	35.5%	0	0	NM	NM	0	0	30	25
Oregon	26	405	-93.6%	26	405	0	0	0	0	0	0
Washington	556	948	-41.4%	0	0	554	944	0	0	2	5
Pacific Noncontiguous	160	188	-14.5%	18	17	130	144	10	23	NM	NM
Alaska	44	57	-23.0%	18	17	16	17	10	23	0	0
Hawaii	116	130	-10.8%	0	0	114	127	0	0	NM	NM
U.S. Total	132,742	157,316	-15.6%	99,479	118,756	32,201	37,261	57	97	1,005	1,202

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 1.8.A. Net Generation from Petroleum Liquids
by State, by Sector, January 2015 and 2014 (Thousand Megawatthours)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 2014				
New England	258	1,289	-80.0%	NM	149	232	1,065	NM	NM	NM	NM
Connecticut	15	288	-94.7%	NM	NM	14	283	NM	NM	NM	NM
Maine	116	173	-32.7%	NM	NM	113	159	NM	NM	NM	NM
Massachusetts	96	592	-83.8%	NM	70	86	488	NM	NM	NM	NM
New Hampshire	18	182	-90.3%	4	71	11	99	NM	NM	NM	NM
Rhode Island	12	48	-74.6%	1	NM	8	36	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	447	1,947	-77.1%	203	446	224	1,459	NM	NM	16	NM
New Jersey	53	380	-86.1%	NM	NM	52	372	NM	NM	NM	NM
New York	336	1,196	-71.9%	203	445	115	719	NM	NM	14	11
Pennsylvania	58	371	-84.4%	NM	NM	56	368	NM	NM	NM	NM
East North Central	56	137	-59.2%	45	74	9	59	NM	NM	NM	NM
Illinois	4	NM	NM	NM	NM	3	5	NM	NM	0	0
Indiana	14	NM	NM	12	16	0	0	NM	NM	1	3
Michigan	8	16	-52.7%	8	16	NM	0	0	NM	NM	NM
Ohio	24	84	-71.7%	17	NM	6	51	NM	NM	NM	NM
Wisconsin	6	9	-34.1%	6	6	NM	3	NM	NM	NM	NM
West North Central	26	44	-39.6%	26	39	NM	4	NM	NM	NM	NM
Iowa	3	NM	NM	3	NM	NM	NM	NM	NM	NM	NM
Kansas	7	NM	NM	7	NM	0	0	0	0	0	0
Minnesota	NM	14	NM	1	9	NM	4	NM	NM	NM	NM
Missouri	11	NM	NM	11	NM	0	0	NM	NM	0	0
Nebraska	2	6	-72.9%	2	6	0	0	0	0	0	0
North Dakota	2	2	-11.7%	2	2	0	0	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
South Atlantic	421	1,682	-75.0%	287	1,092	107	543	NM	NM	NM	NM
Delaware	33	112	-71.0%	NM	NM	33	112	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	99	NM	NM	96	NM	NM	NM	0	0	NM	NM
Georgia	41	87	-52.5%	16	47	19	30	NM	NM	NM	NM
Maryland	33	288	-88.4%	NM	NM	24	261	NM	NM	NM	NM
North Carolina	79	254	-68.8%	64	227	NM	21	NM	NM	NM	NM
South Carolina	37	153	-75.8%	30	141	NM	10	NM	NM	1	2
Virginia	87	696	-87.5%	68	598	17	94	NM	NM	NM	NM
West Virginia	11	33	-66.8%	11	20	0	14	0	0	0	0
East South Central	39	127	-68.8%	31	108	3	10	NM	NM	NM	NM
Alabama	NM	40	NM	10	22	3	10	0	0	NM	NM
Kentucky	9	NM	NM	9	NM	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	0	0
Tennessee	11	71	-84.4%	11	70	0	0	NM	NM	NM	NM
West South Central	33	NM	NM	20	NM	NM	5	NM	NM	NM	NM
Arkansas	6	2	166.3%	3	1	3	0	0	0	0	1
Louisiana	18	NM	NM	14	NM	4	1	0	0	0	1
Oklahoma	NM	NM	NM	NM	NM	0	0	NM	NM	NM	NM
Texas	NM	NM	NM	3	2	NM	4	NM	NM	NM	NM
Mountain	20	19	7.1%	19	17	NM	NM	NM	NM	NM	NM
Arizona	6	4	69.1%	6	4	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	NM	NM	NM	NM	0	1	0	0	0	0
Nevada	2	1	303.9%	2	0	0	0	0	0	0	0
New Mexico	6	6	-7.8%	5	6	NM	NM	0	0	NM	NM
Utah	NM	1	NM	NM	1	NM	NM	0	0	NM	NM
Wyoming	3	4	-8.0%	3	4	0	0	0	0	NM	NM
Pacific Contiguous	6	NM	NM	3	NM	2	3	NM	NM	NM	NM
California	5	NM	NM	3	2	2	3	NM	NM	NM	NM
Oregon	NM	NM	NM	0	1	0	0	NM	NM	0	0
Washington	NM	NM	NM	NM	NM	NM	NM	NM	NM	1	NM
Pacific Noncontiguous	646	775	-16.6%	530	607	93	NM	NM	NM	23	38
Alaska	80	79	1.4%	75	74	0	0	NM	NM	5	NM
Hawaii	566	696	-18.6%	455	533	93	NM	0	0	18	34
U.S. Total	1,953	6,041	-67.7%	1,170	2,540	682	3,280	NM	NM	71	117

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NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

Table 1.8.B. Net Generation from Petroleum Liquids

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	258	1,289	-80.0%	NM	149	232	1,065	NM	NM	NM	NM
Connecticut	15	288	-94.7%	NM	NM	14	283	NM	NM	NM	NM
Maine	116	173	-32.7%	NM	NM	113	159	NM	NM	NM	NM
Massachusetts	96	592	-83.8%	NM	70	86	488	NM	NM	NM	NM
New Hampshire	18	182	-90.3%	4	71	11	99	NM	NM	NM	NM
Rhode Island	12	48	-74.6%	1	NM	8	36	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	447	1,947	-77.1%	203	446	224	1,459	NM	NM	16	NM
New Jersey	53	380	-86.1%	NM	NM	52	372	NM	NM	NM	NM
New York	336	1,196	-71.9%	203	445	115	719	NM	NM	14	11
Pennsylvania	58	371	-84.4%	NM	NM	56	368	NM	NM	NM	NM
East North Central	56	137	-59.2%	45	74	9	59	NM	NM	NM	NM
Illinois	4	NM	NM	NM	NM	3	5	NM	NM	0	0
Indiana	14	NM	NM	12	16	0	0	NM	NM	1	3
Michigan	8	16	-52.7%	8	16	NM	0	0	NM	NM	NM
Ohio	24	84	-71.7%	17	NM	6	51	NM	NM	NM	NM
Wisconsin	6	9	-34.1%	6	6	NM	3	NM	NM	NM	NM
West North Central	26	44	-39.6%	26	39	NM	4	NM	NM	NM	NM
Iowa	3	NM	NM	3	NM	NM	NM	NM	NM	NM	NM
Kansas	7	NM	NM	7	NM	0	0	0	0	0	0
Minnesota	NM	14	NM	1	9	NM	4	NM	NM	NM	NM
Missouri	11	NM	NM	11	NM	0	0	NM	NM	0	0
Nebraska	2	6	-72.9%	2	6	0	0	0	0	0	0
North Dakota	2	2	-11.7%	2	2	0	0	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
South Atlantic	421	1,682	-75.0%	287	1,092	107	543	NM	NM	NM	NM
Delaware	33	112	-71.0%	NM	NM	33	112	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	99	NM	NM	96	NM	NM	NM	0	0	NM	NM
Georgia	41	87	-52.5%	16	47	19	30	NM	NM	NM	NM
Maryland	33	288	-88.4%	NM	NM	24	261	NM	NM	NM	NM
North Carolina	79	254	-68.8%	64	227	NM	21	NM	NM	NM	NM
South Carolina	37	153	-75.8%	30	141	NM	10	NM	NM	1	2
Virginia	87	696	-87.5%	68	598	17	94	NM	NM	NM	NM
West Virginia	11	33	-66.8%	11	20	0	14	0	0	0	0
East South Central	39	127	-68.8%	31	108	3	10	NM	NM	NM	NM
Alabama	NM	40	NM	10	22	3	10	0	0	NM	NM
Kentucky	9	NM	NM	9	NM	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	0	0
Tennessee	11	71	-84.4%	11	70	0	0	NM	NM	NM	NM
West South Central	33	NM	NM	20	NM	NM	5	NM	NM	NM	NM
Arkansas	6	2	166.3%	3	1	3	0	0	0	0	1
Louisiana	18	NM	NM	14	NM	4	1	0	0	0	1
Oklahoma	NM	NM	NM	NM	NM	0	0	NM	NM	NM	NM
Texas	NM	NM	NM	3	2	NM	4	NM	NM	NM	NM
Mountain	20	19	7.1%	19	17	NM	NM	NM	NM	NM	NM
Arizona	6	4	69.1%	6	4	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	NM	NM	NM	NM	0	1	0	0	0	0
Nevada	2	1	303.9%	2	0	0	0	0	0	0	0
New Mexico	6	6	-7.8%	5	6	NM	NM	0	0	NM	NM
Utah	NM	1	NM	NM	1	NM	NM	0	0	NM	NM
Wyoming	3	4	-8.0%	3	4	0	0	0	0	NM	NM
Pacific Contiguous	6	NM	NM	3	NM	2	3	NM	NM	NM	NM
California	5	NM	NM	3	2	2	3	NM	NM	NM	NM
Oregon	NM	NM	NM	0	1	0	0	NM	NM	0	0
Washington	NM	NM	NM	NM	NM	NM	NM	NM	NM	1	NM
Pacific Noncontiguous	646	775	-16.6%	530	607	93	NM	NM	NM	23	38
Alaska	80	79	1.4%	75	74	0	0	NM	NM	5	NM
Hawaii	566	696	-18.6%	455	533	93	NM	0	0	18	34
U.S. Total	1,953	6,041	-67.7%	1,170	2,540	682	3,280	NM	NM	71	117

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

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

**Table 1.9.A. Net Generation from Petroleum Coke
by State, by Sector, January 2015 and 2014 (Thousand Megawatthours)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 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	280	281	0.0%	174	181	87	73	0	0	20	26
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	112	133	-16.4%	112	133	0	0	0	0	0	0
Michigan	72	53	36.4%	59	35	3	7	0	0	NM	NM
Ohio	85	68	24.8%	0	0	84	67	0	0	NM	NM
Wisconsin	12	26	-54.4%	3	13	0	0	0	0	9	13
West North Central	NM	NM	NM	0	0	0	0	1	1	NM	NM
Iowa	NM	NM	NM	0	0	0	0	1	1	NM	NM
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	142	222	-36.1%	124	207	0	0	0	0	18	15
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	124	207	-40.1%	124	207	0	0	0	0	0	0
Georgia	18	15	17.0%	0	0	0	0	0	0	18	15
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	108	116	-6.8%	108	116	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	108	116	-6.8%	108	116	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	444	500	-11.1%	398	445	0	0	0	0	46	55
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	431	484	-11.0%	398	445	0	0	0	0	33	39
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	13	15	-14.4%	0	0	0	0	0	0	13	15
Mountain	41	36	14.6%	0	0	41	36	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	41	36	14.6%	0	0	41	36	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,039	1,181	-12.0%	804	949	129	110	1	1	105	122

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

Table 1.9.B. Net Generation from Petroleum Coke

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 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	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	280	281	0.0%	174	181	87	73	0	0	20	26
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	112	133	-16.4%	112	133	0	0	0	0	0	0
Michigan	72	53	36.4%	59	35	3	7	0	0	NM	NM
Ohio	85	68	24.8%	0	0	84	67	0	0	NM	NM
Wisconsin	12	26	-54.4%	3	13	0	0	0	0	9	13
West North Central	NM	NM	NM	0	0	0	0	1	1	NM	NM
Iowa	NM	NM	NM	0	0	0	0	1	1	NM	NM
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	142	222	-36.1%	124	207	0	0	0	0	18	15
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	124	207	-40.1%	124	207	0	0	0	0	0	0
Georgia	18	15	17.0%	0	0	0	0	0	0	18	15
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	108	116	-6.8%	108	116	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	108	116	-6.8%	108	116	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	444	500	-11.1%	398	445	0	0	0	0	46	55
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	431	484	-11.0%	398	445	0	0	0	0	33	39
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	13	15	-14.4%	0	0	0	0	0	0	13	15
Mountain	41	36	14.6%	0	0	41	36	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	41	36	14.6%	0	0	41	36	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,039	1,181	-12.0%	804	949	129	110	1	1	105	122

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 2014				
New England	3,626	2,791	29.9%	4	18	3,450	2,561	69	68	103	145
Connecticut	1,545	889	73.9%	0	4	1,477	816	NM	NM	NM	46
Maine	313	452	-30.8%	0	0	266	366	NM	NM	NM	84
Massachusetts	951	1,031	-7.7%	3	14	898	966	38	39	NM	NM
New Hampshire	518	80	549.3%	0	0	514	76	NM	NM	NM	NM
Rhode Island	298	339	-12.2%	0	0	295	336	NM	NM	0	0
Vermont	0	0	23.8%	0	0	0	0	0	0	0	0
Middle Atlantic	11,283	9,411	19.9%	1,087	880	9,961	8,315	89	84	145	133
New Jersey	2,540	1,936	31.2%	NM	NM	2,488	1,886	NM	NM	NM	NM
New York	4,220	3,802	11.0%	1,084	875	3,050	2,846	66	61	NM	NM
Pennsylvania	4,523	3,674	23.1%	NM	NM	4,423	3,582	NM	NM	90	82
East North Central	7,409	5,783	28.1%	2,990	2,196	4,166	3,331	130	138	123	119
Illinois	817	650	25.7%	13	NM	718	536	55	57	NM	NM
Indiana	1,420	1,115	27.4%	1,142	850	218	214	NM	NM	50	46
Michigan	1,421	1,388	2.4%	376	265	980	1,047	41	50	NM	26
Ohio	2,687	2,012	33.5%	990	776	1,675	1,216	NM	NM	NM	NM
Wisconsin	1,064	618	72.1%	468	277	575	318	NM	12	NM	12
West North Central	985	1,065	-7.5%	904	916	36	102	NM	19	NM	29
Iowa	191	97	96.7%	178	83	0	0	NM	6	NM	8
Kansas	67	161	-58.6%	56	155	0	0	0	0	NM	NM
Minnesota	330	382	-13.5%	300	270	12	87	NM	13	NM	12
Missouri	313	380	-17.7%	288	365	24	15	0	0	NM	NM
Nebraska	19	8	133.5%	18	8	0	0	NM	NM	NM	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	64	35	84.3%	64	35	0	0	0	0	0	0
South Atlantic	23,067	19,582	17.8%	18,728	15,704	4,021	3,569	NM	NM	275	267
Delaware	477	299	59.7%	NM	NM	393	248	0	0	83	48
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	11,439	10,682	7.1%	10,776	9,834	538	721	NM	NM	122	124
Georgia	4,302	3,139	37.1%	2,992	2,378	1,287	721	0	0	23	40
Maryland	140	149	-6.1%	0	0	103	111	NM	NM	NM	NM
North Carolina	3,164	2,502	26.4%	2,155	1,711	996	778	0	0	NM	12
South Carolina	943	890	5.9%	869	820	70	67	NM	NM	NM	NM
Virginia	2,570	1,820	41.2%	1,929	891	614	893	NM	NM	27	35
West Virginia	26	97	-72.6%	7	66	20	30	0	0	NM	NM
East South Central	9,650	8,808	9.6%	5,055	4,931	4,315	3,609	NM	NM	264	252
Alabama	5,047	4,366	15.6%	1,427	1,383	3,535	2,889	0	0	84	95
Kentucky	220	531	-58.6%	184	478	17	36	0	0	NM	NM
Mississippi	3,743	3,237	15.6%	2,833	2,418	763	685	NM	NM	144	132
Tennessee	642	674	-4.8%	610	652	0	0	NM	NM	17	NM
West South Central	28,514	24,261	17.5%	6,602	6,132	16,172	12,622	78	73	5,662	5,433
Arkansas	1,345	1,011	33.0%	233	100	1,078	877	NM	NM	33	34
Louisiana	5,053	5,026	0.5%	2,145	1,796	770	1,117	NM	17	2,120	2,095
Oklahoma	2,859	2,447	16.9%	1,913	1,845	936	592	NM	NM	NM	NM
Texas	19,258	15,777	22.1%	2,311	2,390	13,387	10,036	59	55	3,501	3,295
Mountain	5,830	5,615	3.8%	3,838	3,492	1,867	1,966	28	37	96	121
Arizona	1,343	1,410	-4.8%	533	545	799	853	NM	13	0	0
Colorado	832	785	6.1%	447	474	384	307	0	3	NM	NM
Idaho	326	397	-17.9%	209	215	113	177	0	0	NM	5
Montana	NM	59	NM	NM	56	NM	NM	0	0	0	0
Nevada	1,847	1,573	17.4%	1,591	1,241	236	301	NM	NM	NM	25
New Mexico	783	700	11.8%	477	396	299	295	NM	NM	0	NM
Utah	590	638	-7.5%	525	562	NM	NM	NM	NM	29	38
Wyoming	53	53	0.3%	NM	NM	NM	NM	0	0	48	49
Pacific Contiguous	10,677	13,307	-19.8%	4,114	4,487	5,502	7,515	135	161	927	1,144
California	8,865	10,424	-15.0%	3,022	2,781	4,801	6,361	128	151	914	1,132
Oregon	1,160	1,670	-30.5%	508	682	643	972	NM	8	NM	7
Washington	651	1,213	-46.3%	584	1,024	58	181	NM	NM	8	6
Pacific Noncontiguous	289	301	-4.0%	285	294	0	0	NM	NM	NM	7
Alaska	289	301	-4.0%	285	294	0	0	NM	NM	NM	7
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	101,330	90,926	11.4%	43,606	39,048	49,491	43,590	605	638	7,628	7,650

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 January 2015 and 2014 (Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	3,626	2,791	29.9%	4	18	3,450	2,561	69	68	103	145
Connecticut	1,545	889	73.9%	0	4	1,477	816	NM	NM	NM	46
Maine	313	452	-30.8%	0	0	266	366	NM	NM	NM	84
Massachusetts	951	1,031	-7.7%	3	14	898	966	38	39	NM	NM
New Hampshire	518	80	549.3%	0	0	514	76	NM	NM	NM	NM
Rhode Island	298	339	-12.2%	0	0	295	336	NM	NM	0	0
Vermont	0	0	23.8%	0	0	0	0	0	0	0	0
Middle Atlantic	11,283	9,411	19.9%	1,087	880	9,961	8,315	89	84	145	133
New Jersey	2,540	1,936	31.2%	NM	NM	2,488	1,886	NM	NM	NM	NM
New York	4,220	3,802	11.0%	1,084	875	3,050	2,846	66	61	NM	NM
Pennsylvania	4,523	3,674	23.1%	NM	NM	4,423	3,582	NM	NM	90	82
East North Central	7,409	5,783	28.1%	2,990	2,196	4,166	3,331	130	138	123	119
Illinois	817	650	25.7%	13	NM	718	536	55	57	NM	NM
Indiana	1,420	1,115	27.4%	1,142	850	218	214	NM	NM	50	46
Michigan	1,421	1,388	2.4%	376	265	980	1,047	41	50	NM	26
Ohio	2,687	2,012	33.5%	990	776	1,675	1,216	NM	NM	NM	NM
Wisconsin	1,064	618	72.1%	468	277	575	318	NM	12	NM	12
West North Central	985	1,065	-7.5%	904	916	36	102	NM	19	NM	29
Iowa	191	97	96.7%	178	83	0	0	NM	6	NM	8
Kansas	67	161	-58.6%	56	155	0	0	0	0	NM	NM
Minnesota	330	382	-13.5%	300	270	12	87	NM	13	NM	12
Missouri	313	380	-17.7%	288	365	24	15	0	0	NM	NM
Nebraska	19	8	133.5%	18	8	0	0	NM	NM	NM	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	64	35	84.3%	64	35	0	0	0	0	0	0
South Atlantic	23,067	19,582	17.8%	18,728	15,704	4,021	3,569	NM	NM	275	267
Delaware	477	299	59.7%	NM	NM	393	248	0	0	83	48
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	11,439	10,682	7.1%	10,776	9,834	538	721	NM	NM	122	124
Georgia	4,302	3,139	37.1%	2,992	2,378	1,287	721	0	0	23	40
Maryland	140	149	-6.1%	0	0	103	111	NM	NM	NM	NM
North Carolina	3,164	2,502	26.4%	2,155	1,711	996	778	0	0	NM	12
South Carolina	943	890	5.9%	869	820	70	67	NM	NM	NM	NM
Virginia	2,570	1,820	41.2%	1,929	891	614	893	NM	NM	27	35
West Virginia	26	97	-72.6%	7	66	20	30	0	0	NM	NM
East South Central	9,650	8,808	9.6%	5,055	4,931	4,315	3,609	NM	NM	264	252
Alabama	5,047	4,366	15.6%	1,427	1,383	3,535	2,889	0	0	84	95
Kentucky	220	531	-58.6%	184	478	17	36	0	0	NM	NM
Mississippi	3,743	3,237	15.6%	2,833	2,418	763	685	NM	NM	144	132
Tennessee	642	674	-4.8%	610	652	0	0	NM	NM	17	NM
West South Central	28,514	24,261	17.5%	6,602	6,132	16,172	12,622	78	73	5,662	5,433
Arkansas	1,345	1,011	33.0%	233	100	1,078	877	NM	NM	33	34
Louisiana	5,053	5,026	0.5%	2,145	1,796	770	1,117	NM	17	2,120	2,095
Oklahoma	2,859	2,447	16.9%	1,913	1,845	936	592	NM	NM	NM	NM
Texas	19,258	15,777	22.1%	2,311	2,390	13,387	10,036	59	55	3,501	3,295
Mountain	5,830	5,615	3.8%	3,838	3,492	1,867	1,966	28	37	96	121
Arizona	1,343	1,410	-4.8%	533	545	799	853	NM	13	0	0
Colorado	832	785	6.1%	447	474	384	307	0	3	NM	NM
Idaho	326	397	-17.9%	209	215	113	177	0	0	NM	5
Montana	NM	59	NM	NM	56	NM	NM	0	0	0	0
Nevada	1,847	1,573	17.4%	1,591	1,241	236	301	NM	NM	NM	25
New Mexico	783	700	11.8%	477	396	299	295	NM	NM	0	NM
Utah	590	638	-7.5%	525	562	NM	NM	NM	NM	29	38
Wyoming	53	53	0.3%	NM	NM	NM	NM	0	0	48	49
Pacific Contiguous	10,677	13,307	-19.8%	4,114	4,487	5,502	7,515	135	161	927	1,144
California	8,865	10,424	-15.0%	3,022	2,781	4,801	6,361	128	151	914	1,132
Oregon	1,160	1,670	-30.5%	508	682	643	972	NM	8	NM	7
Washington	651	1,213	-46.3%	584	1,024	58	181	NM	NM	8	6
Pacific Noncontiguous	289	301	-4.0%	285	294	0	0	NM	NM	NM	7
Alaska	289	301	-4.0%	285	294	0	0	NM	NM	NM	7
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	101,330	90,926	11.4%	43,606	39,048	49,491	43,590	605	638	7,628	7,650

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 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	58	64	-9.2%	0	0	0	0	0	0	58	64
New Jersey	17	18	-5.0%	0	0	0	0	0	0	17	18
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	41	46	-10.9%	0	0	0	0	0	0	41	46
East North Central	391	355	10.1%	24	12	127	122	0	0	240	220
Illinois	27	28	-3.4%	0	0	0	0	0	0	27	28
Indiana	194	174	11.6%	0	0	0	0	0	0	194	174
Michigan	95	77	23.2%	24	12	72	65	0	0	0	0
Ohio	74	75	-1.7%	0	0	56	57	0	0	19	18
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	16	18	-12.3%	0	0	0	0	0	0	16	18
Delaware	12	16	-21.2%	0	0	0	0	0	0	12	16
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	-45.8%	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	3	2	66.5%	0	0	0	0	0	0	3	2
East South Central	14	17	-20.8%	0	0	0	0	0	0	14	17
Alabama	13	16	-19.6%	0	0	0	0	0	0	13	16
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1	2	-33.1%	0	0	0	0	0	0	1	2
West South Central	392	316	23.9%	0	0	188	157	0	0	203	160
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	170	150	13.4%	0	0	71	69	0	0	99	80
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	222	167	33.3%	0	0	117	87	0	0	105	79
Mountain	36	35	4.2%	0	0	1	1	0	0	35	34
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	1	0	NM	0	0	1	0	0	0	0	0
Nevada	0	1	-49.7%	0	0	0	1	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	35	34	1.5%	0	0	0	0	0	0	35	34
Pacific Contiguous	174	132	32.2%	0	0	33	39	0	0	141	93
California	141	93	52.2%	0	0	0	0	0	0	141	93
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	33	39	-15.6%	0	0	33	39	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	1,086	943	15.2%	24	12	350	318	0	0	713	613

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 1.11.B. Net Generation from Other Gases

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 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	58	64	-9.2%	0	0	0	0	0	0	58	64
New Jersey	17	18	-5.0%	0	0	0	0	0	0	17	18
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	41	46	-10.9%	0	0	0	0	0	0	41	46
East North Central	391	355	10.1%	24	12	127	122	0	0	240	220
Illinois	27	28	-3.4%	0	0	0	0	0	0	27	28
Indiana	194	174	11.6%	0	0	0	0	0	0	194	174
Michigan	95	77	23.2%	24	12	72	65	0	0	0	0
Ohio	74	75	-1.7%	0	0	56	57	0	0	19	18
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	16	18	-12.3%	0	0	0	0	0	0	16	18
Delaware	12	16	-21.2%	0	0	0	0	0	0	12	16
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	-45.8%	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	3	2	66.5%	0	0	0	0	0	0	3	2
East South Central	14	17	-20.8%	0	0	0	0	0	0	14	17
Alabama	13	16	-19.6%	0	0	0	0	0	0	13	16
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1	2	-33.1%	0	0	0	0	0	0	1	2
West South Central	392	316	23.9%	0	0	188	157	0	0	203	160
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	170	150	13.4%	0	0	71	69	0	0	99	80
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	222	167	33.3%	0	0	117	87	0	0	105	79
Mountain	36	35	4.2%	0	0	1	1	0	0	35	34
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	1	0	NM	0	0	1	0	0	0	0	0
Nevada	0	1	-49.7%	0	0	0	1	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	35	34	1.5%	0	0	0	0	0	0	35	34
Pacific Contiguous	174	132	32.2%	0	0	33	39	0	0	141	93
California	141	93	52.2%	0	0	0	0	0	0	141	93
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	33	39	-15.6%	0	0	33	39	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	1,086	943	15.2%	24	12	350	318	0	0	713	613

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.A. Net Generation from Nuclear Energy
by State, by Sector, January 2015 and 2014 (Thousand Megawatthours)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 2014				
New England	2,926	3,440	-14.9%	0	0	2,926	3,440	0	0	0	0
Connecticut	1,569	1,548	1.4%	0	0	1,569	1,548	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	429	509	-15.6%	0	0	429	509	0	0	0	0
New Hampshire	927	928	0.0%	0	0	927	928	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	456	-100.0%	0	0	0	456	0	0	0	0
Middle Atlantic	14,633	13,974	4.7%	0	0	14,633	13,974	0	0	0	0
New Jersey	3,147	3,130	0.6%	0	0	3,147	3,130	0	0	0	0
New York	4,036	3,930	2.7%	0	0	4,036	3,930	0	0	0	0
Pennsylvania	7,449	6,915	7.7%	0	0	7,449	6,915	0	0	0	0
East North Central	14,275	14,037	1.7%	2,502	2,407	11,772	11,629	0	0	0	0
Illinois	8,654	8,768	-1.3%	0	0	8,654	8,768	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	3,111	2,760	12.7%	2,502	2,407	608	353	0	0	0	0
Ohio	1,615	1,614	0.1%	0	0	1,615	1,614	0	0	0	0
Wisconsin	894	894	0.0%	0	0	894	894	0	0	0	0
West North Central	4,419	4,133	6.9%	4,000	3,678	419	455	0	0	0	0
Iowa	419	455	-8.0%	0	0	419	455	0	0	0	0
Kansas	910	900	1.1%	910	900	0	0	0	0	0	0
Minnesota	1,214	957	26.9%	1,214	957	0	0	0	0	0	0
Missouri	911	924	-1.4%	911	924	0	0	0	0	0	0
Nebraska	966	897	7.6%	966	897	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	18,621	18,402	1.2%	17,293	17,270	1,328	1,131	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	2,734	2,735	0.0%	2,734	2,735	0	0	0	0	0	0
Georgia	2,979	3,040	-2.0%	2,979	3,040	0	0	0	0	0	0
Maryland	1,328	1,131	17.3%	0	0	1,328	1,131	0	0	0	0
North Carolina	3,899	3,768	3.5%	3,899	3,768	0	0	0	0	0	0
South Carolina	4,972	4,966	0.1%	4,972	4,966	0	0	0	0	0	0
Virginia	2,709	2,762	-1.9%	2,709	2,762	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	7,475	7,249	3.1%	7,475	7,249	0	0	0	0	0	0
Alabama	3,860	3,745	3.1%	3,860	3,745	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	1,030	908	13.4%	1,030	908	0	0	0	0	0	0
Tennessee	2,586	2,597	-0.4%	2,586	2,597	0	0	0	0	0	0
West South Central	6,548	6,414	2.1%	2,732	2,729	3,817	3,685	0	0	0	0
Arkansas	1,209	1,128	7.2%	1,209	1,128	0	0	0	0	0	0
Louisiana	1,523	1,601	-4.9%	1,523	1,601	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,817	3,685	3.6%	0	0	3,817	3,685	0	0	0	0
Mountain	2,974	2,977	-0.1%	2,974	2,977	0	0	0	0	0	0
Arizona	2,974	2,977	-0.1%	2,974	2,977	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,400	2,437	-1.5%	2,400	2,437	0	0	0	0	0	0
California	1,564	1,597	-2.1%	1,564	1,597	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	836	840	-0.5%	836	840	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	74,270	73,064	1.7%	39,377	38,748	34,893	34,316	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 January 2015 and 2014 (Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	2,926	3,440	-14.9%	0	0	2,926	3,440	0	0	0	0
Connecticut	1,569	1,548	1.4%	0	0	1,569	1,548	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	429	509	-15.6%	0	0	429	509	0	0	0	0
New Hampshire	927	928	0.0%	0	0	927	928	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	456	-100.0%	0	0	0	456	0	0	0	0
Middle Atlantic	14,633	13,974	4.7%	0	0	14,633	13,974	0	0	0	0
New Jersey	3,147	3,130	0.6%	0	0	3,147	3,130	0	0	0	0
New York	4,036	3,930	2.7%	0	0	4,036	3,930	0	0	0	0
Pennsylvania	7,449	6,915	7.7%	0	0	7,449	6,915	0	0	0	0
East North Central	14,275	14,037	1.7%	2,502	2,407	11,772	11,629	0	0	0	0
Illinois	8,654	8,768	-1.3%	0	0	8,654	8,768	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	3,111	2,760	12.7%	2,502	2,407	608	353	0	0	0	0
Ohio	1,615	1,614	0.1%	0	0	1,615	1,614	0	0	0	0
Wisconsin	894	894	0.0%	0	0	894	894	0	0	0	0
West North Central	4,419	4,133	6.9%	4,000	3,678	419	455	0	0	0	0
Iowa	419	455	-8.0%	0	0	419	455	0	0	0	0
Kansas	910	900	1.1%	910	900	0	0	0	0	0	0
Minnesota	1,214	957	26.9%	1,214	957	0	0	0	0	0	0
Missouri	911	924	-1.4%	911	924	0	0	0	0	0	0
Nebraska	966	897	7.6%	966	897	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	18,621	18,402	1.2%	17,293	17,270	1,328	1,131	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	2,734	2,735	0.0%	2,734	2,735	0	0	0	0	0	0
Georgia	2,979	3,040	-2.0%	2,979	3,040	0	0	0	0	0	0
Maryland	1,328	1,131	17.3%	0	0	1,328	1,131	0	0	0	0
North Carolina	3,899	3,768	3.5%	3,899	3,768	0	0	0	0	0	0
South Carolina	4,972	4,966	0.1%	4,972	4,966	0	0	0	0	0	0
Virginia	2,709	2,762	-1.9%	2,709	2,762	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	7,475	7,249	3.1%	7,475	7,249	0	0	0	0	0	0
Alabama	3,860	3,745	3.1%	3,860	3,745	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	1,030	908	13.4%	1,030	908	0	0	0	0	0	0
Tennessee	2,586	2,597	-0.4%	2,586	2,597	0	0	0	0	0	0
West South Central	6,548	6,414	2.1%	2,732	2,729	3,817	3,685	0	0	0	0
Arkansas	1,209	1,128	7.2%	1,209	1,128	0	0	0	0	0	0
Louisiana	1,523	1,601	-4.9%	1,523	1,601	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,817	3,685	3.6%	0	0	3,817	3,685	0	0	0	0
Mountain	2,974	2,977	-0.1%	2,974	2,977	0	0	0	0	0	0
Arizona	2,974	2,977	-0.1%	2,974	2,977	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,400	2,437	-1.5%	2,400	2,437	0	0	0	0	0	0
California	1,564	1,597	-2.1%	1,564	1,597	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	836	840	-0.5%	836	840	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	74,270	73,064	1.7%	39,377	38,748	34,893	34,316	0	0	0	0

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

Table 1.13.A. Net Generation from Hydroelectric (Conventional) Power by State, by Sector, January 2015 and 2014 (Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	663	746	-11.1%	95	105	528	604	NM	NM	40	37
Connecticut	33	41	-19.3%	NM	NM	30	37	0	0	0	0
Maine	322	331	-2.4%	0	0	284	295	0	0	39	36
Massachusetts	90	106	-15.5%	23	28	66	77	NM	NM	NM	NM
New Hampshire	113	143	-21.0%	36	31	77	111	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	105	125	-16.2%	34	42	71	83	0	0	0	0
Middle Atlantic	2,357	2,439	-3.4%	1,826	1,790	525	643	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,152	2,127	1.2%	1,759	1,665	387	455	NM	NM	NM	NM
Pennsylvania	203	309	-34.4%	67	124	136	185	0	0	0	0
East North Central	429	330	29.8%	384	295	NM	21	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	7	NM	NM	0	0
Indiana	30	27	11.9%	30	27	0	0	0	0	0	0
Michigan	148	108	36.9%	135	98	NM	NM	0	0	NM	NM
Ohio	29	30	-0.2%	29	30	0	0	0	0	0	0
Wisconsin	212	154	37.2%	185	135	NM	NM	0	0	NM	NM
West North Central	857	731	17.3%	830	709	NM	NM	0	0	NM	NM
Iowa	79	58	37.1%	79	57	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	51	38	32.5%	NM	NM	NM	NM	0	0	NM	NM
Missouri	48	97	-50.0%	48	97	0	0	0	0	0	0
Nebraska	119	87	37.3%	119	87	0	0	0	0	0	0
North Dakota	185	159	16.1%	185	159	0	0	0	0	0	0
South Dakota	374	290	28.9%	374	290	0	0	0	0	0	0
South Atlantic	1,348	2,205	-38.9%	1,071	1,762	158	269	NM	NM	117	172
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	21	24	-13.9%	21	24	0	0	0	0	0	0
Georgia	286	442	-35.3%	283	439	NM	NM	0	0	NM	NM
Maryland	111	205	-46.1%	0	0	111	205	0	0	0	0
North Carolina	447	757	-40.9%	379	637	NM	NM	NM	NM	62	112
South Carolina	251	462	-45.7%	243	453	NM	NM	NM	NM	0	0
Virginia	105	166	-36.8%	98	157	NM	NM	0	0	NM	NM
West Virginia	127	147	-14.0%	47	52	27	38	0	0	52	57
East South Central	2,536	2,925	-13.3%	2,462	2,809	NM	NM	0	0	72	115
Alabama	1,199	1,345	-10.9%	1,199	1,345	0	0	0	0	0	0
Kentucky	340	382	-11.1%	339	382	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	997	1,198	-16.8%	925	1,083	0	0	0	0	72	115
West South Central	478	619	-22.8%	390	507	88	112	0	0	0	0
Arkansas	222	286	-22.5%	220	285	NM	NM	0	0	0	0
Louisiana	84	107	-22.2%	0	0	84	107	0	0	0	0
Oklahoma	104	150	-30.4%	104	150	0	0	0	0	0	0
Texas	68	75	-9.7%	65	72	NM	NM	0	0	0	0
Mountain	2,637	2,015	30.9%	2,197	1,695	440	320	NM	NM	0	0
Arizona	539	499	8.1%	539	499	0	0	0	0	0	0
Colorado	146	134	9.1%	123	119	NM	NM	NM	NM	0	0
Idaho	744	520	43.1%	699	488	45	32	0	0	0	0
Montana	845	619	36.7%	480	350	365	269	0	0	0	0
Nevada	270	172	56.6%	264	168	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	52	38	37.6%	51	37	NM	NM	0	0	0	0
Wyoming	31	27	15.2%	30	26	NM	NM	0	0	0	0
Pacific Contiguous	12,989	9,492	36.8%	12,892	9,421	97	71	NM	NM	0	0
California	849	811	4.7%	812	779	NM	32	NM	NM	0	0
Oregon	3,958	2,803	41.2%	3,930	2,784	NM	19	0	0	0	0
Washington	8,182	5,878	39.2%	8,150	5,858	32	20	0	0	0	0
Pacific Noncontiguous	166	134	23.4%	161	130	0	1	0	0	NM	NM
Alaska	159	129	23.4%	159	129	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	0	1	0	0	NM	NM
U.S. Total	24,459	21,636	13.0%	22,308	19,221	1,881	2,056	NM	NM	266	354

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

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

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	663	746	-11.1%	95	105	528	604	NM	NM	40	37
Connecticut	33	41	-19.3%	NM	NM	30	37	0	0	0	0
Maine	322	331	-2.4%	0	0	284	295	0	0	39	36
Massachusetts	90	106	-15.5%	23	28	66	77	NM	NM	NM	NM
New Hampshire	113	143	-21.0%	36	31	77	111	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	105	125	-16.2%	34	42	71	83	0	0	0	0
Middle Atlantic	2,357	2,439	-3.4%	1,826	1,790	525	643	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,152	2,127	1.2%	1,759	1,665	387	455	NM	NM	NM	NM
Pennsylvania	203	309	-34.4%	67	124	136	185	0	0	0	0
East North Central	429	330	29.8%	384	295	NM	21	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	NM	7	NM	NM	0	0
Indiana	30	27	11.9%	30	27	0	0	0	0	0	0
Michigan	148	108	36.9%	135	98	NM	NM	0	0	NM	NM
Ohio	29	30	-0.2%	29	30	0	0	0	0	0	0
Wisconsin	212	154	37.2%	185	135	NM	NM	0	0	NM	NM
West North Central	857	731	17.3%	830	709	NM	NM	0	0	NM	NM
Iowa	79	58	37.1%	79	57	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	51	38	32.5%	NM	NM	NM	NM	0	0	NM	NM
Missouri	48	97	-50.0%	48	97	0	0	0	0	0	0
Nebraska	119	87	37.3%	119	87	0	0	0	0	0	0
North Dakota	185	159	16.1%	185	159	0	0	0	0	0	0
South Dakota	374	290	28.9%	374	290	0	0	0	0	0	0
South Atlantic	1,348	2,205	-38.9%	1,071	1,762	158	269	NM	NM	117	172
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	21	24	-13.9%	21	24	0	0	0	0	0	0
Georgia	286	442	-35.3%	283	439	NM	NM	0	0	NM	NM
Maryland	111	205	-46.1%	0	0	111	205	0	0	0	0
North Carolina	447	757	-40.9%	379	637	NM	NM	NM	NM	62	112
South Carolina	251	462	-45.7%	243	453	NM	NM	NM	NM	0	0
Virginia	105	166	-36.8%	98	157	NM	NM	0	0	NM	NM
West Virginia	127	147	-14.0%	47	52	27	38	0	0	52	57
East South Central	2,536	2,925	-13.3%	2,462	2,809	NM	NM	0	0	72	115
Alabama	1,199	1,345	-10.9%	1,199	1,345	0	0	0	0	0	0
Kentucky	340	382	-11.1%	339	382	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	997	1,198	-16.8%	925	1,083	0	0	0	0	72	115
West South Central	478	619	-22.8%	390	507	88	112	0	0	0	0
Arkansas	222	286	-22.5%	220	285	NM	NM	0	0	0	0
Louisiana	84	107	-22.2%	0	0	84	107	0	0	0	0
Oklahoma	104	150	-30.4%	104	150	0	0	0	0	0	0
Texas	68	75	-9.7%	65	72	NM	NM	0	0	0	0
Mountain	2,637	2,015	30.9%	2,197	1,695	440	320	NM	NM	0	0
Arizona	539	499	8.1%	539	499	0	0	0	0	0	0
Colorado	146	134	9.1%	123	119	NM	NM	NM	NM	0	0
Idaho	744	520	43.1%	699	488	45	32	0	0	0	0
Montana	845	619	36.7%	480	350	365	269	0	0	0	0
Nevada	270	172	56.6%	264	168	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	52	38	37.6%	51	37	NM	NM	0	0	0	0
Wyoming	31	27	15.2%	30	26	NM	NM	0	0	0	0
Pacific Contiguous	12,989	9,492	36.8%	12,892	9,421	97	71	NM	NM	0	0
California	849	811	4.7%	812	779	NM	32	NM	NM	0	0
Oregon	3,958	2,803	41.2%	3,930	2,784	NM	19	0	0	0	0
Washington	8,182	5,878	39.2%	8,150	5,858	32	20	0	0	0	0
Pacific Noncontiguous	166	134	23.4%	161	130	0	1	0	0	NM	NM
Alaska	159	129	23.4%	159	129	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	0	1	0	0	NM	NM
U.S. Total	24,459	21,636	13.0%	22,308	19,221	1,881	2,056	NM	NM	266	354

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NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	979	934	4.8%	87	90	720	655	19	18	153	172
Connecticut	70	68	2.8%	0	0	67	65	NM	3	0	0
Maine	462	450	2.7%	0	0	302	269	8	9	152	172
Massachusetts	152	135	12.4%	NM	NM	142	125	NM	NM	NM	0
New Hampshire	191	184	4.1%	32	34	156	146	NM	3	0	0
Rhode Island	23	17	31.0%	0	0	22	17	NM	0	0	0
Vermont	80	80	0.7%	48	48	32	32	NM	NM	0	0
Middle Atlantic	1,420	1,364	4.2%	NM	NM	1,290	1,235	50	49	76	78
New Jersey	126	110	14.1%	NM	NM	99	89	23	20	NM	NM
New York	687	650	5.6%	0	0	646	607	18	20	22	23
Pennsylvania	608	603	0.8%	0	0	546	539	9	9	54	54
East North Central	2,746	3,071	-10.6%	252	298	2,320	2,606	17	16	157	151
Illinois	1,062	1,367	-22.3%	NM	NM	1,061	1,365	0	0	0	0
Indiana	453	452	0.3%	27	26	421	421	NM	NM	NM	4
Michigan	734	666	10.2%	100	102	552	481	13	13	69	71
Ohio	198	235	-15.5%	NM	NM	163	199	NM	NM	32	33
Wisconsin	297	351	-15.4%	120	167	123	140	NM	NM	53	43
West North Central	5,205	5,540	-6.0%	1,734	1,701	3,411	3,778	13	13	47	48
Iowa	1,826	1,868	-2.2%	1,086	1,028	735	835	NM	NM	3	2
Kansas	926	1,044	-11.3%	77	78	849	966	0	0	0	0
Minnesota	1,032	1,164	-11.3%	216	251	770	864	NM	NM	41	43
Missouri	122	149	-18.2%	4	3	113	143	4	2	NM	NM
Nebraska	334	232	44.1%	30	28	303	203	NM	NM	0	0
North Dakota	668	757	-11.8%	250	238	416	518	0	0	NM	NM
South Dakota	297	326	-8.9%	72	75	225	251	0	0	0	0
South Atlantic	1,916	1,829	4.8%	178	153	798	775	38	38	901	863
Delaware	8	8	1.8%	NM	NM	7	7	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	447	439	1.9%	19	17	239	242	5	3	185	177
Georgia	383	359	6.6%	NM	0	56	58	NM	3	324	299
Maryland	100	91	9.9%	NM	NM	82	73	NM	NM	14	14
North Carolina	283	252	12.3%	NM	NM	163	142	10	10	110	99
South Carolina	183	204	-10.6%	40	40	NM	9	0	0	135	155
Virginia	354	309	14.4%	118	95	84	77	17	18	134	119
West Virginia	158	166	-4.8%	0	0	158	166	0	0	0	0
East South Central	544	551	-1.2%	8	8	38	34	NM	NM	498	509
Alabama	277	290	-4.6%	0	0	20	19	0	0	257	272
Kentucky	45	45	-0.5%	8	8	0	0	0	0	37	37
Mississippi	125	121	3.6%	0	0	NM	NM	0	0	124	120
Tennessee	97	94	2.5%	0	0	17	15	NM	NM	80	80
West South Central	4,619	5,563	-17.0%	133	213	4,007	4,900	NM	4	472	446
Arkansas	141	130	8.7%	0	0	11	11	NM	NM	129	118
Louisiana	234	227	2.8%	0	0	6	6	0	0	227	221
Oklahoma	1,080	1,203	-10.2%	113	185	940	991	0	0	28	28
Texas	3,164	4,003	-21.0%	21	28	3,050	3,892	NM	4	87	79
Mountain	2,527	2,930	-13.8%	313	383	2,176	2,513	NM	NM	35	30
Arizona	193	235	-18.0%	28	23	164	211	NM	NM	0	0
Colorado	786	828	-5.0%	15	22	770	805	NM	NM	NM	NM
Idaho	231	295	-21.7%	10	14	187	252	0	0	35	30
Montana	251	256	-2.0%	29	33	222	224	0	0	0	0
Nevada	383	340	12.6%	0	0	381	338	NM	NM	NM	NM
New Mexico	157	277	-43.2%	NM	NM	152	272	NM	NM	0	0
Utah	85	84	1.0%	24	26	61	58	0	0	0	0
Wyoming	440	614	-28.3%	203	261	238	354	0	0	0	0
Pacific Contiguous	3,394	3,806	-10.8%	366	519	2,735	2,980	92	99	200	208
California	2,593	2,636	-1.6%	122	177	2,322	2,298	90	96	59	64
Oregon	351	577	-39.2%	38	80	261	446	NM	NM	50	50
Washington	450	594	-24.3%	205	262	152	237	NM	NM	91	94
Pacific Noncontiguous	99	117	-15.5%	16	14	50	69	20	22	12	12
Alaska	19	22	-11.8%	NM	NM	NM	NM	4	4	NM	NM
Hawaii	80	95	-16.3%	7	3	46	64	16	17	11	11
U.S. Total	23,448	25,705	-8.8%	3,092	3,380	17,545	19,544	260	263	2,552	2,517

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NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

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

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	979	934	4.8%	87	90	720	655	19	18	153	172
Connecticut	70	68	2.8%	0	0	67	65	NM	3	0	0
Maine	462	450	2.7%	0	0	302	269	8	9	152	172
Massachusetts	152	135	12.4%	NM	NM	142	125	NM	NM	NM	0
New Hampshire	191	184	4.1%	32	34	156	146	NM	3	0	0
Rhode Island	23	17	31.0%	0	0	22	17	NM	0	0	0
Vermont	80	80	0.7%	48	48	32	32	NM	NM	0	0
Middle Atlantic	1,420	1,364	4.2%	NM	NM	1,290	1,235	50	49	76	78
New Jersey	126	110	14.1%	NM	NM	99	89	23	20	NM	NM
New York	687	650	5.6%	0	0	646	607	18	20	22	23
Pennsylvania	608	603	0.8%	0	0	546	539	9	9	54	54
East North Central	2,746	3,071	-10.6%	252	298	2,320	2,606	17	16	157	151
Illinois	1,062	1,367	-22.3%	NM	NM	1,061	1,365	0	0	0	0
Indiana	453	452	0.3%	27	26	421	421	NM	NM	NM	4
Michigan	734	666	10.2%	100	102	552	481	13	13	69	71
Ohio	198	235	-15.5%	NM	NM	163	199	NM	NM	32	33
Wisconsin	297	351	-15.4%	120	167	123	140	NM	NM	53	43
West North Central	5,205	5,540	-6.0%	1,734	1,701	3,411	3,778	13	13	47	48
Iowa	1,826	1,868	-2.2%	1,086	1,028	735	835	NM	NM	3	2
Kansas	926	1,044	-11.3%	77	78	849	966	0	0	0	0
Minnesota	1,032	1,164	-11.3%	216	251	770	864	NM	NM	41	43
Missouri	122	149	-18.2%	4	3	113	143	4	2	NM	NM
Nebraska	334	232	44.1%	30	28	303	203	NM	NM	0	0
North Dakota	668	757	-11.8%	250	238	416	518	0	0	NM	NM
South Dakota	297	326	-8.9%	72	75	225	251	0	0	0	0
South Atlantic	1,916	1,829	4.8%	178	153	798	775	38	38	901	863
Delaware	8	8	1.8%	NM	NM	7	7	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	447	439	1.9%	19	17	239	242	5	3	185	177
Georgia	383	359	6.6%	NM	0	56	58	NM	3	324	299
Maryland	100	91	9.9%	NM	NM	82	73	NM	NM	14	14
North Carolina	283	252	12.3%	NM	NM	163	142	10	10	110	99
South Carolina	183	204	-10.6%	40	40	NM	9	0	0	135	155
Virginia	354	309	14.4%	118	95	84	77	17	18	134	119
West Virginia	158	166	-4.8%	0	0	158	166	0	0	0	0
East South Central	544	551	-1.2%	8	8	38	34	NM	NM	498	509
Alabama	277	290	-4.6%	0	0	20	19	0	0	257	272
Kentucky	45	45	-0.5%	8	8	0	0	0	0	37	37
Mississippi	125	121	3.6%	0	0	NM	NM	0	0	124	120
Tennessee	97	94	2.5%	0	0	17	15	NM	NM	80	80
West South Central	4,619	5,563	-17.0%	133	213	4,007	4,900	NM	4	472	446
Arkansas	141	130	8.7%	0	0	11	11	NM	NM	129	118
Louisiana	234	227	2.8%	0	0	6	6	0	0	227	221
Oklahoma	1,080	1,203	-10.2%	113	185	940	991	0	0	28	28
Texas	3,164	4,003	-21.0%	21	28	3,050	3,892	NM	4	87	79
Mountain	2,527	2,930	-13.8%	313	383	2,176	2,513	NM	NM	35	30
Arizona	193	235	-18.0%	28	23	164	211	NM	NM	0	0
Colorado	786	828	-5.0%	15	22	770	805	NM	NM	NM	NM
Idaho	231	295	-21.7%	10	14	187	252	0	0	35	30
Montana	251	256	-2.0%	29	33	222	224	0	0	0	0
Nevada	383	340	12.6%	0	0	381	338	NM	NM	NM	NM
New Mexico	157	277	-43.2%	NM	NM	152	272	NM	NM	0	0
Utah	85	84	1.0%	24	26	61	58	0	0	0	0
Wyoming	440	614	-28.3%	203	261	238	354	0	0	0	0
Pacific Contiguous	3,394	3,806	-10.8%	366	519	2,735	2,980	92	99	200	208
California	2,593	2,636	-1.6%	122	177	2,322	2,298	90	96	59	64
Oregon	351	577	-39.2%	38	80	261	446	NM	NM	50	50
Washington	450	594	-24.3%	205	262	152	237	NM	NM	91	94
Pacific Noncontiguous	99	117	-15.5%	16	14	50	69	20	22	12	12
Alaska	19	22	-11.8%	NM	NM	NM	NM	4	4	NM	NM
Hawaii	80	95	-16.3%	7	3	46	64	16	17	11	11
U.S. Total	23,448	25,705	-8.8%	3,092	3,380	17,545	19,544	260	263	2,552	2,517

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 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, January 2015 and 2014 (Thousand Megawatthours)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	-37	-31	19.9%	0	0	-37	-31	0	0	0	0
Connecticut	2	4	-50.0%	0	0	2	4	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-39	-35	11.9%	0	0	-39	-35	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	-84	-106	-20.4%	-29	-65	-55	-41	0	0	0	0
New Jersey	-17	-22	-26.0%	-17	-22	0	0	0	0	0	0
New York	-13	-42	-69.5%	-13	-42	0	0	0	0	0	0
Pennsylvania	-55	-41	33.0%	0	0	-55	-41	0	0	0	0
East North Central	-43	-58	-25.9%	-43	-58	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	-43	-58	-25.9%	-43	-58	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	4	2	111.9%	4	2	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	4	2	111.9%	4	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	-222	-87	153.7%	-222	-87	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	-84	6	NM	-84	6	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	24	0	--	24	0	0	0	0	0	0	0
South Carolina	-90	-13	600.5%	-90	-13	0	0	0	0	0	0
Virginia	-72	-81	-10.6%	-72	-81	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-32	7	-528.3%	-32	7	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	-32	7	-528.3%	-32	7	0	0	0	0	0	0
West South Central	-2	-3	-8.4%	-2	-3	0	0	0	0	0	0
Arkansas	0	7	-93.7%	0	7	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-3	-9	-70.5%	-3	-9	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-33	-14	136.2%	-33	-14	0	0	0	0	0	0
Arizona	-3	6	-152.4%	-3	6	0	0	0	0	0	0
Colorado	-29	-20	45.3%	-29	-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	-79	-1	NM	-79	-1	0	0	0	0	0	0
California	-85	0	NM	-85	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	6	0	NM	6	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	-528	-290	82.1%	-436	-218	-92	-72	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 1.15.B. Net Generation from Hydroelectric (Pumped Storage) Power

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	-37	-31	19.9%	0	0	-37	-31	0	0	0	0
Connecticut	2	4	-50.0%	0	0	2	4	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-39	-35	11.9%	0	0	-39	-35	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	-84	-106	-20.4%	-29	-65	-55	-41	0	0	0	0
New Jersey	-17	-22	-26.0%	-17	-22	0	0	0	0	0	0
New York	-13	-42	-69.5%	-13	-42	0	0	0	0	0	0
Pennsylvania	-55	-41	33.0%	0	0	-55	-41	0	0	0	0
East North Central	-43	-58	-25.9%	-43	-58	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	-43	-58	-25.9%	-43	-58	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	4	2	111.9%	4	2	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	4	2	111.9%	4	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	-222	-87	153.7%	-222	-87	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	-84	6	NM	-84	6	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	24	0	--	24	0	0	0	0	0	0	0
South Carolina	-90	-13	600.5%	-90	-13	0	0	0	0	0	0
Virginia	-72	-81	-10.6%	-72	-81	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-32	7	-528.3%	-32	7	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	-32	7	-528.3%	-32	7	0	0	0	0	0	0
West South Central	-2	-3	-8.4%	-2	-3	0	0	0	0	0	0
Arkansas	0	7	-93.7%	0	7	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-3	-9	-70.5%	-3	-9	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-33	-14	136.2%	-33	-14	0	0	0	0	0	0
Arizona	-3	6	-152.4%	-3	6	0	0	0	0	0	0
Colorado	-29	-20	45.3%	-29	-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	-79	-1	NM	-79	-1	0	0	0	0	0	0
California	-85	0	NM	-85	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	6	0	NM	6	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	-528	-290	82.1%	-436	-218	-92	-72	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 1.16.A. Net Generation from Other Energy Sources
by State, by Sector, January 2015 and 2014 (Thousand Megawatthours)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 2014				
New England	165	156	5.6%	0	0	145	136	10	10	10	10
Connecticut	51	51	1.1%	0	0	49	48	NM	NM	0	0
Maine	30	30	1.3%	0	0	13	13	8	8	10	10
Massachusetts	77	70	10.4%	0	0	77	70	0	0	0	0
New Hampshire	6	5	8.7%	0	0	6	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	195	175	11.9%	0	0	159	138	36	37	0	0
New Jersey	44	41	6.8%	0	0	32	30	12	12	0	0
New York	77	72	7.7%	0	0	61	55	17	17	0	0
Pennsylvania	74	61	20.3%	0	0	66	53	8	8	0	0
East North Central	89	74	20.3%	10	10	14	12	14	13	51	38
Illinois	21	21	1.0%	0	0	0	0	0	0	21	21
Indiana	34	21	61.1%	8	9	0	0	NM	NM	24	11
Michigan	29	27	8.0%	NM	NM	14	12	13	12	2	2
Ohio	1	1	5.5%	0	0	0	0	0	0	1	1
Wisconsin	4	5	-4.1%	2	1	0	0	0	0	NM	3
West North Central	35	31	13.9%	19	15	9	9	NM	NM	NM	4
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	26	26	1.2%	11	10	9	9	NM	NM	NM	4
Missouri	5	2	226.3%	5	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	3	NM	NM	3	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	332	322	3.1%	0	0	186	185	16	15	129	121
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	245	224	9.4%	0	0	119	113	0	0	126	111
Georgia	0	5	-96.9%	0	0	0	0	0	0	0	5
Maryland	24	25	-5.0%	0	0	23	25	NM	NM	0	0
North Carolina	19	20	-4.0%	0	0	19	20	0	0	0	0
South Carolina	4	6	-34.1%	0	0	NM	NM	0	0	3	5
Virginia	40	42	-4.2%	0	0	24	27	16	15	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	13	NM	NM	11	0	0	0	0	0	2	NM
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	11	0	--	11	0	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	2	0	NM	0	0	0	0	0	0	2	0
West South Central	104	96	7.9%	0	0	NM	NM	0	0	103	95
Arkansas	2	1	53.1%	0	0	0	0	0	0	2	1
Louisiana	48	62	-23.9%	0	0	0	0	0	0	48	62
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	53	31	70.4%	0	0	NM	NM	0	0	53	31
Mountain	32	47	-32.4%	NM	2	27	28	0	0	NM	17
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	26	27	-2.5%	0	0	26	27	0	0	0	0
Nevada	NM	2	NM	NM	2	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	15	NM	0	0	NM	NM	0	0	0	15
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	83	89	-6.6%	0	0	25	28	0	0	58	60
California	67	71	-4.9%	0	0	16	19	0	0	52	52
Oregon	NM	3	NM	0	0	NM	3	0	0	0	0
Washington	12	15	-16.7%	0	0	6	6	0	0	6	9
Pacific Noncontiguous	16	19	-18.3%	0	NM	1	0	15	17	0	0
Alaska	0	NM	NM	0	NM	0	0	0	0	0	0
Hawaii	16	17	-7.3%	0	0	1	0	15	17	0	0
U.S. Total	1,063	1,009	5.4%	43	30	566	538	94	94	361	347

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 1.16.B. Net Generation from Other Energy Sources

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	165	156	5.6%	0	0	145	136	10	10	10	10
Connecticut	51	51	1.1%	0	0	49	48	NM	NM	0	0
Maine	30	30	1.3%	0	0	13	13	8	8	10	10
Massachusetts	77	70	10.4%	0	0	77	70	0	0	0	0
New Hampshire	6	5	8.7%	0	0	6	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	195	175	11.9%	0	0	159	138	36	37	0	0
New Jersey	44	41	6.8%	0	0	32	30	12	12	0	0
New York	77	72	7.7%	0	0	61	55	17	17	0	0
Pennsylvania	74	61	20.3%	0	0	66	53	8	8	0	0
East North Central	89	74	20.3%	10	10	14	12	14	13	51	38
Illinois	21	21	1.0%	0	0	0	0	0	0	21	21
Indiana	34	21	61.1%	8	9	0	0	NM	NM	24	11
Michigan	29	27	8.0%	NM	NM	14	12	13	12	2	2
Ohio	1	1	5.5%	0	0	0	0	0	0	1	1
Wisconsin	4	5	-4.1%	2	1	0	0	0	0	NM	3
West North Central	35	31	13.9%	19	15	9	9	NM	NM	NM	4
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	26	26	1.2%	11	10	9	9	NM	NM	NM	4
Missouri	5	2	226.3%	5	2	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	3	NM	NM	3	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	332	322	3.1%	0	0	186	185	16	15	129	121
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	245	224	9.4%	0	0	119	113	0	0	126	111
Georgia	0	5	-96.9%	0	0	0	0	0	0	0	5
Maryland	24	25	-5.0%	0	0	23	25	NM	NM	0	0
North Carolina	19	20	-4.0%	0	0	19	20	0	0	0	0
South Carolina	4	6	-34.1%	0	0	NM	NM	0	0	3	5
Virginia	40	42	-4.2%	0	0	24	27	16	15	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	13	NM	NM	11	0	0	0	0	0	2	NM
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	11	0	--	11	0	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	2	0	NM	0	0	0	0	0	0	2	0
West South Central	104	96	7.9%	0	0	NM	NM	0	0	103	95
Arkansas	2	1	53.1%	0	0	0	0	0	0	2	1
Louisiana	48	62	-23.9%	0	0	0	0	0	0	48	62
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	53	31	70.4%	0	0	NM	NM	0	0	53	31
Mountain	32	47	-32.4%	NM	2	27	28	0	0	NM	17
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	26	27	-2.5%	0	0	26	27	0	0	0	0
Nevada	NM	2	NM	NM	2	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	15	NM	0	0	NM	NM	0	0	0	15
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	83	89	-6.6%	0	0	25	28	0	0	58	60
California	67	71	-4.9%	0	0	16	19	0	0	52	52
Oregon	NM	3	NM	0	0	NM	3	0	0	0	0
Washington	12	15	-16.7%	0	0	6	6	0	0	6	9
Pacific Noncontiguous	16	19	-18.3%	0	NM	1	0	15	17	0	0
Alaska	0	NM	NM	0	NM	0	0	0	0	0	0
Hawaii	16	17	-7.3%	0	0	1	0	15	17	0	0
U.S. Total	1,063	1,009	5.4%	43	30	566	538	94	94	361	347

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 1.17.A. Net Generation from Wind
by State, by Sector, January 2015 and 2014 (Thousand Megawatthours)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 2014				
New England	241	224	7.5%	29	24	207	197	NM	NM	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	132	121	9.1%	0	0	132	121	0	0	0	0
Massachusetts	23	26	-13.8%	NM	NM	13	16	NM	NM	NM	0
New Hampshire	49	46	6.6%	0	0	49	46	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	36	31	17.1%	23	17	13	14	0	0	0	0
Middle Atlantic	873	861	1.5%	0	0	873	860	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	484	456	6.2%	0	0	484	455	0	0	NM	NM
Pennsylvania	388	404	-3.9%	0	0	388	404	0	0	0	0
East North Central	2,198	2,522	-12.8%	202	241	1,992	2,278	NM	NM	NM	NM
Illinois	1,003	1,311	-23.5%	NM	NM	1,002	1,309	0	0	0	0
Indiana	411	415	-1.0%	0	0	411	415	NM	NM	0	0
Michigan	502	421	19.2%	100	102	401	319	0	0	0	0
Ohio	126	166	-23.7%	NM	NM	122	161	0	0	NM	NM
Wisconsin	156	210	-25.5%	99	136	56	74	0	0	NM	0
West North Central	5,024	5,365	-6.4%	1,690	1,661	3,330	3,700	NM	NM	0	0
Iowa	1,811	1,854	-2.3%	1,083	1,026	727	828	NM	NM	0	0
Kansas	921	1,039	-11.3%	77	78	844	961	0	0	0	0
Minnesota	890	1,023	-13.0%	183	221	705	799	NM	NM	0	0
Missouri	111	141	-21.5%	0	0	111	141	0	0	0	0
Nebraska	328	226	45.1%	25	24	303	203	0	0	0	0
North Dakota	666	755	-11.9%	250	238	416	518	0	0	0	0
South Dakota	297	326	-8.9%	72	75	225	251	0	0	0	0
South Atlantic	204	202	1.0%	0	0	203	201	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	45	35	28.1%	0	0	45	35	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	158	166	-4.8%	0	0	158	166	0	0	0	0
East South Central	5	7	-30.4%	0	0	5	7	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	5	7	-30.4%	0	0	5	7	0	0	0	0
West South Central	4,052	5,023	-19.3%	133	213	3,917	4,811	NM	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1,052	1,175	-10.5%	113	185	940	991	0	0	0	0
Texas	3,000	3,848	-22.0%	21	28	2,977	3,820	NM	0	0	0
Mountain	1,828	2,240	-18.4%	255	328	1,572	1,911	NM	NM	NM	NM
Arizona	16	29	-43.4%	0	0	16	29	0	0	0	0
Colorado	765	805	-4.9%	15	22	750	782	0	NM	NM	NM
Idaho	174	243	-28.3%	9	13	165	230	0	0	0	0
Montana	251	256	-2.0%	29	33	222	224	0	0	0	0
Nevada	25	15	67.9%	0	0	25	15	0	0	0	0
New Mexico	124	248	-50.2%	0	0	123	248	NM	NM	0	0
Utah	31	29	5.3%	0	0	31	29	0	0	0	0
Wyoming	440	614	-28.3%	203	261	238	354	0	0	0	0
Pacific Contiguous	794	1,519	-47.8%	201	357	592	1,162	NM	NM	NM	NM
California	249	607	-58.9%	7	63	241	544	NM	NM	NM	NM
Oregon	239	464	-48.4%	33	74	207	390	0	0	0	0
Washington	305	448	-32.0%	161	220	143	229	0	0	0	0
Pacific Noncontiguous	39	53	-26.0%	NM	NM	30	42	0	0	0	0
Alaska	NM	16	NM	NM	NM	NM	NM	0	0	0	0
Hawaii	25	36	-30.8%	0	0	25	36	0	0	0	0
U.S. Total	15,258	18,017	-15.3%	2,521	2,836	12,721	15,169	NM	NM	NM	NM

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

Table 1.17.B. Net Generation from Wind

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	241	224	7.5%	29	24	207	197	NM	NM	NM	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	132	121	9.1%	0	0	132	121	0	0	0	0
Massachusetts	23	26	-13.8%	NM	NM	13	16	NM	NM	NM	0
New Hampshire	49	46	6.6%	0	0	49	46	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	36	31	17.1%	23	17	13	14	0	0	0	0
Middle Atlantic	873	861	1.5%	0	0	873	860	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	484	456	6.2%	0	0	484	455	0	0	NM	NM
Pennsylvania	388	404	-3.9%	0	0	388	404	0	0	0	0
East North Central	2,198	2,522	-12.8%	202	241	1,992	2,278	NM	NM	NM	NM
Illinois	1,003	1,311	-23.5%	NM	NM	1,002	1,309	0	0	0	0
Indiana	411	415	-1.0%	0	0	411	415	NM	NM	0	0
Michigan	502	421	19.2%	100	102	401	319	0	0	0	0
Ohio	126	166	-23.7%	NM	NM	122	161	0	0	NM	NM
Wisconsin	156	210	-25.5%	99	136	56	74	0	0	NM	0
West North Central	5,024	5,365	-6.4%	1,690	1,661	3,330	3,700	NM	NM	0	0
Iowa	1,811	1,854	-2.3%	1,083	1,026	727	828	NM	NM	0	0
Kansas	921	1,039	-11.3%	77	78	844	961	0	0	0	0
Minnesota	890	1,023	-13.0%	183	221	705	799	NM	NM	0	0
Missouri	111	141	-21.5%	0	0	111	141	0	0	0	0
Nebraska	328	226	45.1%	25	24	303	203	0	0	0	0
North Dakota	666	755	-11.9%	250	238	416	518	0	0	0	0
South Dakota	297	326	-8.9%	72	75	225	251	0	0	0	0
South Atlantic	204	202	1.0%	0	0	203	201	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	45	35	28.1%	0	0	45	35	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	158	166	-4.8%	0	0	158	166	0	0	0	0
East South Central	5	7	-30.4%	0	0	5	7	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	5	7	-30.4%	0	0	5	7	0	0	0	0
West South Central	4,052	5,023	-19.3%	133	213	3,917	4,811	NM	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1,052	1,175	-10.5%	113	185	940	991	0	0	0	0
Texas	3,000	3,848	-22.0%	21	28	2,977	3,820	NM	0	0	0
Mountain	1,828	2,240	-18.4%	255	328	1,572	1,911	NM	NM	NM	NM
Arizona	16	29	-43.4%	0	0	16	29	0	0	0	0
Colorado	765	805	-4.9%	15	22	750	782	0	NM	NM	NM
Idaho	174	243	-28.3%	9	13	165	230	0	0	0	0
Montana	251	256	-2.0%	29	33	222	224	0	0	0	0
Nevada	25	15	67.9%	0	0	25	15	0	0	0	0
New Mexico	124	248	-50.2%	0	0	123	248	NM	NM	0	0
Utah	31	29	5.3%	0	0	31	29	0	0	0	0
Wyoming	440	614	-28.3%	203	261	238	354	0	0	0	0
Pacific Contiguous	794	1,519	-47.8%	201	357	592	1,162	NM	NM	NM	NM
California	249	607	-58.9%	7	63	241	544	NM	NM	NM	NM
Oregon	239	464	-48.4%	33	74	207	390	0	0	0	0
Washington	305	448	-32.0%	161	220	143	229	0	0	0	0
Pacific Noncontiguous	39	53	-26.0%	NM	NM	30	42	0	0	0	0
Alaska	NM	16	NM	NM	NM	NM	NM	0	0	0	0
Hawaii	25	36	-30.8%	0	0	25	36	0	0	0	0
U.S. Total	15,258	18,017	-15.3%	2,521	2,836	12,721	15,169	NM	NM	NM	NM

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

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

**Table 1.18.A. Net Generation from Biomass
by State, by Sector, January 2015 and 2014 (Thousand Megawatthours)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 2014				
New England	705	692	1.9%	57	65	481	440	14	15	152	172
Connecticut	69	68	2.2%	0	0	66	65	NM	3	0	0
Maine	331	329	0.4%	0	0	170	149	8	9	152	172
Massachusetts	102	95	7.7%	0	0	102	94	NM	NM	0	0
New Hampshire	142	138	3.2%	32	34	107	100	NM	3	0	0
Rhode Island	20	16	27.7%	0	0	20	16	0	0	0	0
Vermont	41	47	-12.8%	25	31	16	16	NM	NM	0	0
Middle Atlantic	498	467	6.6%	0	0	382	348	41	42	75	77
New Jersey	85	80	5.6%	0	0	71	67	14	13	0	0
New York	198	191	3.5%	0	0	158	149	18	20	22	23
Pennsylvania	216	196	10.0%	0	0	154	133	9	9	53	54
East North Central	531	538	-1.4%	49	57	312	318	16	16	154	147
Illinois	56	53	5.8%	0	0	56	53	0	0	0	0
Indiana	32	31	3.1%	27	26	0	0	NM	NM	NM	4
Michigan	233	245	-5.3%	0	0	151	161	13	13	69	71
Ohio	68	66	3.0%	NM	NM	38	37	0	0	29	29
Wisconsin	141	141	-0.4%	21	30	67	66	NM	NM	52	43
West North Central	180	175	3.0%	43	40	79	78	10	9	47	48
Iowa	15	14	10.4%	NM	2	7	7	NM	2	3	2
Kansas	5	5	5.0%	0	0	5	5	0	0	0	0
Minnesota	142	141	0.6%	33	31	65	64	NM	2	41	43
Missouri	10	8	27.9%	4	3	NM	NM	4	2	NM	NM
Nebraska	6	6	2.3%	4	4	0	0	NM	NM	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,604	1,561	2.8%	167	143	504	523	33	32	901	863
Delaware	5	5	4.5%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	436	429	1.6%	9	8	237	240	4	3	185	177
Georgia	375	351	6.7%	0	0	49	50	NM	2	324	299
Maryland	49	50	-1.6%	0	0	32	33	NM	4	14	14
North Carolina	203	213	-4.7%	0	0	88	109	5	5	110	99
South Carolina	182	204	-10.6%	40	40	NM	8	0	0	135	155
Virginia	354	309	14.4%	118	95	84	77	17	18	134	119
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	534	543	-1.6%	8	8	28	26	0	0	498	509
Alabama	277	290	-4.6%	0	0	20	19	0	0	257	272
Kentucky	45	45	-0.5%	8	8	0	0	0	0	37	37
Mississippi	125	121	3.6%	0	0	NM	NM	0	0	124	120
Tennessee	87	86	0.6%	0	0	7	6	0	0	80	80
West South Central	546	525	4.0%	0	0	70	74	4	4	472	446
Arkansas	141	130	8.7%	0	0	11	11	NM	NM	129	118
Louisiana	234	227	2.8%	0	0	6	6	0	0	227	221
Oklahoma	28	28	-0.9%	0	0	0	0	0	0	28	28
Texas	144	140	2.6%	0	0	53	58	NM	4	87	79
Mountain	91	85	6.4%	3	3	53	52	0	0	35	30
Arizona	21	20	2.3%	NM	2	19	18	0	0	0	0
Colorado	8	8	-0.3%	0	0	8	7	0	0	0	0
Idaho	53	48	10.0%	NM	NM	17	17	0	0	35	30
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	NM	2	NM	0	0	NM	2	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	6	6	4.4%	0	0	6	6	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	843	829	1.6%	70	64	485	463	87	94	200	208
California	607	593	2.3%	21	17	443	421	84	91	58	64
Oregon	91	91	-0.1%	5	5	34	34	NM	NM	50	50
Washington	145	145	-0.2%	44	42	8	8	NM	NM	91	94
Pacific Noncontiguous	38	37	1.8%	5	3	0	0	20	22	12	12
Alaska	5	5	-0.5%	0	0	0	0	4	4	NM	NM
Hawaii	32	32	2.2%	5	3	0	0	16	17	11	11
U.S. Total	5,569	5,453	2.1%	403	383	2,395	2,323	226	234	2,545	2,512

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

Table 1.18.B. Net Generation from Biomass

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	705	692	1.9%	57	65	481	440	14	15	152	172
Connecticut	69	68	2.2%	0	0	66	65	NM	3	0	0
Maine	331	329	0.4%	0	0	170	149	8	9	152	172
Massachusetts	102	95	7.7%	0	0	102	94	NM	NM	0	0
New Hampshire	142	138	3.2%	32	34	107	100	NM	3	0	0
Rhode Island	20	16	27.7%	0	0	20	16	0	0	0	0
Vermont	41	47	-12.8%	25	31	16	16	NM	NM	0	0
Middle Atlantic	498	467	6.6%	0	0	382	348	41	42	75	77
New Jersey	85	80	5.6%	0	0	71	67	14	13	0	0
New York	198	191	3.5%	0	0	158	149	18	20	22	23
Pennsylvania	216	196	10.0%	0	0	154	133	9	9	53	54
East North Central	531	538	-1.4%	49	57	312	318	16	16	154	147
Illinois	56	53	5.8%	0	0	56	53	0	0	0	0
Indiana	32	31	3.1%	27	26	0	0	NM	NM	NM	4
Michigan	233	245	-5.3%	0	0	151	161	13	13	69	71
Ohio	68	66	3.0%	NM	NM	38	37	0	0	29	29
Wisconsin	141	141	-0.4%	21	30	67	66	NM	NM	52	43
West North Central	180	175	3.0%	43	40	79	78	10	9	47	48
Iowa	15	14	10.4%	NM	2	7	7	NM	2	3	2
Kansas	5	5	5.0%	0	0	5	5	0	0	0	0
Minnesota	142	141	0.6%	33	31	65	64	NM	2	41	43
Missouri	10	8	27.9%	4	3	NM	NM	4	2	NM	NM
Nebraska	6	6	2.3%	4	4	0	0	NM	NM	0	0
North Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,604	1,561	2.8%	167	143	504	523	33	32	901	863
Delaware	5	5	4.5%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	436	429	1.6%	9	8	237	240	4	3	185	177
Georgia	375	351	6.7%	0	0	49	50	NM	2	324	299
Maryland	49	50	-1.6%	0	0	32	33	NM	4	14	14
North Carolina	203	213	-4.7%	0	0	88	109	5	5	110	99
South Carolina	182	204	-10.6%	40	40	NM	8	0	0	135	155
Virginia	354	309	14.4%	118	95	84	77	17	18	134	119
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	534	543	-1.6%	8	8	28	26	0	0	498	509
Alabama	277	290	-4.6%	0	0	20	19	0	0	257	272
Kentucky	45	45	-0.5%	8	8	0	0	0	0	37	37
Mississippi	125	121	3.6%	0	0	NM	NM	0	0	124	120
Tennessee	87	86	0.6%	0	0	7	6	0	0	80	80
West South Central	546	525	4.0%	0	0	70	74	4	4	472	446
Arkansas	141	130	8.7%	0	0	11	11	NM	NM	129	118
Louisiana	234	227	2.8%	0	0	6	6	0	0	227	221
Oklahoma	28	28	-0.9%	0	0	0	0	0	0	28	28
Texas	144	140	2.6%	0	0	53	58	NM	4	87	79
Mountain	91	85	6.4%	3	3	53	52	0	0	35	30
Arizona	21	20	2.3%	NM	2	19	18	0	0	0	0
Colorado	8	8	-0.3%	0	0	8	7	0	0	0	0
Idaho	53	48	10.0%	NM	NM	17	17	0	0	35	30
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	NM	2	NM	0	0	NM	2	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	6	6	4.4%	0	0	6	6	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	843	829	1.6%	70	64	485	463	87	94	200	208
California	607	593	2.3%	21	17	443	421	84	91	58	64
Oregon	91	91	-0.1%	5	5	34	34	NM	NM	50	50
Washington	145	145	-0.2%	44	42	8	8	NM	NM	91	94
Pacific Noncontiguous	38	37	1.8%	5	3	0	0	20	22	12	12
Alaska	5	5	-0.5%	0	0	0	0	4	4	NM	NM
Hawaii	32	32	2.2%	5	3	0	0	16	17	11	11
U.S. Total	5,569	5,453	2.1%	403	383	2,395	2,323	226	234	2,545	2,512

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 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	328	326	0.6%	24	26	304	300	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	274	271	1.0%	0	0	274	271	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	48	49	-2.1%	24	26	24	23	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,101	1,068	3.1%	71	72	1,030	996	0	0	0	0
California	1,082	1,048	3.3%	71	72	1,011	975	0	0	0	0
Oregon	19	20	-5.2%	0	0	19	20	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	19	26	-25.7%	0	0	19	26	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	19	26	-25.7%	0	0	19	26	0	0	0	0
U.S. Total	1,448	1,419	2.0%	95	98	1,353	1,321	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 1.19.B. Net Generation from Geothermal

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 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	328	326	0.6%	24	26	304	300	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	274	271	1.0%	0	0	274	271	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	48	49	-2.1%	24	26	24	23	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,101	1,068	3.1%	71	72	1,030	996	0	0	0	0
California	1,082	1,048	3.3%	71	72	1,011	975	0	0	0	0
Oregon	19	20	-5.2%	0	0	19	20	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	19	26	-25.7%	0	0	19	26	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	19	26	-25.7%	0	0	19	26	0	0	0	0
U.S. Total	1,448	1,419	2.0%	95	98	1,353	1,321	0	0	0	0

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	Electric Utilities		Independent Power Producers		January 2015	January 2014	January 2015	January 2014
				January 2015	January 2014	January 2015	January 2014				
New England	32	18	84.4%	NM	NM	31	17	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	28	15	89.2%	NM	NM	27	14	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	49	36	38.2%	NM	NM	35	27	9	NM	NM	NM
New Jersey	40	29	37.6%	NM	NM	27	21	NM	NM	NM	NM
New York	5	3	47.4%	0	0	5	3	NM	0	0	0
Pennsylvania	NM	NM	NM	0	0	NM	NM	NM	0	NM	NM
East North Central	17	11	50.9%	NM	NM	16	11	NM	NM	0	0
Illinois	NM	NM	NM	NM	0	NM	NM	0	0	0	0
Indiana	10	NM	NM	NM	0	10	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	NM	NM	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	0	0	0	0
Missouri	NM	0	--	0	0	NM	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	108	66	64.3%	11	10	91	50	NM	NM	0	0
Delaware	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	12	11	13.5%	9	9	NM	NM	NM	NM	0	0
Georgia	8	8	0.4%	NM	0	7	8	NM	NM	0	0
Maryland	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
North Carolina	80	39	105.8%	NM	NM	74	33	NM	NM	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	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
West South Central	20	15	36.9%	0	0	20	15	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	20	15	36.9%	0	0	20	15	NM	NM	0	0
Mountain	281	279	0.8%	30	26	247	249	NM	NM	NM	NM
Arizona	155	186	-16.2%	26	21	129	164	NM	NM	0	0
Colorado	13	16	-15.6%	0	0	12	15	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	82	52	58.1%	0	0	80	50	NM	NM	NM	NM
New Mexico	31	26	18.3%	NM	NM	26	21	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	656	390	68.3%	23	25	628	359	NM	NM	NM	NM
California	655	388	68.7%	23	25	627	358	NM	NM	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	-6.5%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	NM	0	NM	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	0	NM	NM	0	0	0	0
U.S. Total	1,173	816	43.7%	72	63	1,076	731	23	21	NM	NM

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

Table 1.20.B. Net Generation from Solar

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	32	18	84.4%	NM	NM	31	17	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	28	15	89.2%	NM	NM	27	14	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	49	36	38.2%	NM	NM	35	27	9	NM	NM	NM
New Jersey	40	29	37.6%	NM	NM	27	21	NM	NM	NM	NM
New York	5	3	47.4%	0	0	5	3	NM	0	0	0
Pennsylvania	NM	NM	NM	0	0	NM	NM	NM	0	NM	NM
East North Central	17	11	50.9%	NM	NM	16	11	NM	NM	0	0
Illinois	NM	NM	NM	NM	0	NM	NM	0	0	0	0
Indiana	10	NM	NM	NM	0	10	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	NM	NM	NM	0	0	NM	NM	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	NM	NM	NM	0	0	NM	NM	0	0	0	0
Missouri	NM	0	--	0	0	NM	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	108	66	64.3%	11	10	91	50	NM	NM	0	0
Delaware	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	12	11	13.5%	9	9	NM	NM	NM	NM	0	0
Georgia	8	8	0.4%	NM	0	7	8	NM	NM	0	0
Maryland	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
North Carolina	80	39	105.8%	NM	NM	74	33	NM	NM	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	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
West South Central	20	15	36.9%	0	0	20	15	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	20	15	36.9%	0	0	20	15	NM	NM	0	0
Mountain	281	279	0.8%	30	26	247	249	NM	NM	NM	NM
Arizona	155	186	-16.2%	26	21	129	164	NM	NM	0	0
Colorado	13	16	-15.6%	0	0	12	15	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	82	52	58.1%	0	0	80	50	NM	NM	NM	NM
New Mexico	31	26	18.3%	NM	NM	26	21	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	656	390	68.3%	23	25	628	359	NM	NM	NM	NM
California	655	388	68.7%	23	25	627	358	NM	NM	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	-6.5%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	NM	0	NM	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	0	NM	NM	0	0	0	0
U.S. Total	1,173	816	43.7%	72	63	1,076	731	23	21	NM	NM

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

NM = Not meaningful due to large relative standard error or excessive percentage change.

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

Negative generation denotes that electric power consumed for plant use exceeds gross generation.

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

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

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

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	71,518	52,825	18,288	26	379
Year to Date					
2013	75,049	55,688	18,919	55	386
2014	83,600	62,364	20,755	31	449
2015	71,518	52,825	18,288	26	379
Rolling 12 Months Ending in January					
2014	869,280	645,003	219,055	489	4,733
2015	842,335	626,634	210,531	265	4,905

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-January 2015 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	1,583	0	176	102	1,306
Year to Date					
2013	1,699	0	225	94	1,381
2014	1,721	0	193	115	1,413
2015	1,583	0	176	102	1,306
Rolling 12 Months Ending in January					
2014	18,371	0	2,384	865	15,123
2015	18,080	0	2,240	1,040	14,800

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-January 2015 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	73,101	52,825	18,463	128	1,684
Year to Date					
2013	76,748	55,688	19,144	149	1,767
2014	85,321	62,364	20,948	146	1,862
2015	73,101	52,825	18,463	128	1,684
Rolling 12 Months Ending in January					
2014	887,651	645,003	221,439	1,353	19,856
2015	860,415	626,634	212,771	1,305	19,705

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-January 2015 (Thousand Barrels)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	3,395	2,128	1,119	72	76
Year to Date					
2013	2,962	1,809	1,036	47	69
2014	10,637	4,743	5,543	235	117
2015	3,395	2,128	1,119	72	76
Rolling 12 Months Ending in January					
2014	30,907	19,761	10,001	515	629
2015	24,842	17,582	6,258	402	NM

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

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-January 2015 (Thousand Barrels)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	570	0	107	121	341
Year to Date					
2013	473	0	63	214	196
2014	1,113	0	193	381	539
2015	570	0	107	121	341
Rolling 12 Months Ending in January					
2014	4,096	0	1,179	665	2,252
2015	3,746	0	1,111	609	NM

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

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.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-January 2015 (Thousand Barrels)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	3,965	2,128	1,226	193	417
Year to Date					
2013	3,435	1,809	1,099	261	265
2014	11,750	4,743	5,736	616	655
2015	3,965	2,128	1,226	193	417
Rolling 12 Months Ending in January					
2014	35,003	19,761	11,181	1,180	2,881
2015	28,587	17,582	7,369	1,011	NM

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

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 2.3.A. Petroleum Coke: Consumption for Electricity Generation, by Sector, 2005-January 2015 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	386	300	57	0	30
Year to Date					
2013	385	253	67	0	65
2014	443	349	55	0	39
2015	386	300	57	0	30
Rolling 12 Months Ending in January					
2014	4,910	3,505	767	1	636
2015	4,269	3,306	600	2	360

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 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-January 2015 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	129	0	10	2	117
Year to Date					
2013	137	0	9	2	127
2014	118	0	9	2	108
2015	129	0	10	2	117
Rolling 12 Months Ending in January					
2014	1,467	0	96	11	1,360
2015	1,507	0	91	17	1,399

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

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Values for 2013 and prior years are final. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.

See the Technical Notes for fuel conversion factors.

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

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

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

Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-January 2015 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	516	300	67	3	147
Year to Date					
2013	522	253	76	2	191
2014	561	349	64	2	146
2015	516	300	67	3	147
Rolling 12 Months Ending in January					
2014	6,377	3,505	863	12	1,996
2015	5,775	3,306	691	19	1,759

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-January 2015 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	744,386	327,173	357,433	5,408	54,372
Year to Date					
2013	666,650	310,174	296,071	5,247	55,159
2014	693,701	309,154	323,905	5,723	54,919
2015	744,386	327,173	357,433	5,408	54,372
Rolling 12 Months Ending in January					
2014	8,623,350	3,969,427	3,944,965	67,046	641,912
2015	8,553,649	3,741,855	4,140,351	63,483	607,959

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

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

Values for 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-January 2015 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector				
		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	
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	
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	
2015						
January	79,631	0	28,268	4,862	46,501	
Year to Date						
2013	74,638	0	25,440	4,277	44,920	
2014	83,146	0	29,951	4,988	48,208	
2015	79,631	0	28,268	4,862	46,501	
Rolling 12 Months Ending in January						
2014	890,894	0	307,688	51,768	531,439	
2015	873,591	0	316,768	47,878	508,945	

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

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	824,017	327,173	385,701	10,270	100,873
Year to Date					
2013	741,288	310,174	321,512	9,524	100,079
2014	776,847	309,154	353,856	10,711	103,127
2015	824,017	327,173	385,701	10,270	100,873
Rolling 12 Months Ending in January					
2014	9,514,244	3,969,427	4,252,653	118,813	1,173,350
2015	9,427,240	3,741,855	4,457,120	111,361	1,116,904

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

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

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

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

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

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
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	
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	
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	
2015						
January	27,317	2,852	21,195	2,764	505	
Year to Date						
2013	22,446	2,169	17,413	2,494	371	
2014	27,091	2,832	21,015	2,743	501	
2015	27,317	2,852	21,195	2,764	505	
Rolling 12 Months Ending in January						
2014	276,612	27,922	215,544	28,392	4,753	
2015	313,796	33,331	247,667	27,697	5,101	

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

Period	Total (all sectors)	Electric Power Sector				
		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	
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	
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	
2015						
January	355	0	207	96	53	
Year to Date						
2013	64	0	18	33	12	
2014	230	0	127	72	31	
2015	355	0	207	96	53	
Rolling 12 Months Ending in January						
2014	998	0	370	462	166	
2015	1,928	0	1,095	620	213	

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

Period	Total (all sectors)	Electric Power Sector				
		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	
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	
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	
2015						
January	27,672	2,852	21,402	2,860	558	
Year to Date						
2013	22,510	2,169	17,431	2,527	383	
2014	27,321	2,832	21,142	2,814	532	
2015	27,672	2,852	21,402	2,860	558	
Rolling 12 Months Ending in January						
2014	277,609	27,922	215,915	28,854	4,919	
2015	315,724	33,331	248,762	28,317	5,313	

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 2.6.A. Biogenic Municipal Solid Waste: Consumption for Electricity Generation, by Sector, 2005-January 2015 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	1,287	31	1,064	192	1
Year to Date					
2013	1,328	32	1,115	181	0
2014	1,288	28	1,064	194	1
2015	1,287	31	1,064	192	1
Rolling 12 Months Ending in January					
2014	16,966	453	14,006	2,499	9
2015	15,754	446	13,069	2,231	8

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

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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-January 2015 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	173	0	66	94	13
Year to Date					
2013	156	0	42	98	17
2014	155	0	55	87	13
2015	173	0	66	94	13
Rolling 12 Months Ending in January					
2014	1,863	0	530	1,149	183
2015	1,837	0	604	1,085	148

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

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

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

Table 2.6.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2005-January 2015 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
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
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
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
2015					
January	1,460	31	1,130	286	14
Year to Date					
2013	1,484	32	1,157	278	17
2014	1,442	28	1,119	281	14
2015	1,460	31	1,130	286	14
Rolling 12 Months Ending in January					
2014	18,829	453	14,536	3,648	192
2015	17,592	446	13,673	3,317	156

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

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

Table 2.7.A. Consumption of Coal for Electricity Generation by State, by Sector, January 2015 and January 2014 (Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	503	497	1.3%	135	130	366	364	0	0	2	3
Connecticut	120	100	19.0%	0	0	120	100	0	0	0	0
Maine	3	4	-9.7%	0	0	2	2	0	0	2	2
Massachusetts	245	263	-6.7%	0	0	245	262	0	0	0	1
New Hampshire	135	130	3.8%	135	130	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,755	4,454	-16.0%	NM	NM	3,726	4,424	4	1	24	28
New Jersey	133	168	-21.0%	0	0	133	168	0	0	0	0
New York	158	410	-62.0%	NM	NM	151	402	0	0	6	7
Pennsylvania	3,464	3,875	-11.0%	0	0	3,442	3,854	4	1	19	21
East North Central	16,295	19,271	-15.0%	11,556	13,928	4,635	5,223	4	9	100	110
Illinois	4,386	4,892	-10.0%	494	612	3,836	4,220	2	2	54	57
Indiana	3,941	4,908	-20.0%	3,716	4,666	223	237	1	4	NM	1
Michigan	2,391	2,799	-15.0%	2,348	2,750	22	24	1	2	20	23
Ohio	3,426	4,171	-18.0%	2,865	3,420	553	742	NM	NM	8	9
Wisconsin	2,150	2,500	-14.0%	2,133	2,480	0	0	NM	NM	17	20
West North Central	12,129	13,191	-8.1%	11,977	13,004	1	1	6	8	145	178
Iowa	1,755	1,901	-7.7%	1,680	1,810	0	0	4	5	72	85
Kansas	1,367	1,658	-18.0%	1,367	1,658	0	0	0	0	0	0
Minnesota	1,560	1,632	-4.4%	1,528	1,586	0	0	0	0	32	46
Missouri	3,942	4,268	-7.7%	3,935	4,260	1	1	3	3	3	4
Nebraska	1,212	1,424	-15.0%	1,180	1,390	0	0	0	0	32	34
North Dakota	2,122	2,158	-1.7%	2,115	2,150	0	0	0	0	6	9
South Dakota	172	151	14.0%	172	151	0	0	0	0	0	0
South Atlantic	10,225	13,286	-23.0%	8,465	11,010	1,710	2,214	3	4	46	58
Delaware	50	74	-32.0%	0	0	50	74	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,356	2,071	-35.0%	1,354	2,067	0	0	0	0	NM	4
Georgia	1,590	2,495	-36.0%	1,583	2,482	0	0	0	0	7	12
Maryland	665	1,001	-34.0%	0	0	659	996	NM	NM	4	5
North Carolina	1,598	2,225	-28.0%	1,571	2,170	NM	48	2	2	NM	4
South Carolina	995	1,162	-14.0%	990	1,155	0	0	0	0	5	7
Virginia	866	1,149	-25.0%	820	1,075	39	67	NM	NM	7	7
West Virginia	3,105	3,108	-0.1%	2,147	2,060	938	1,030	0	0	19	19
East South Central	7,120	8,552	-17.0%	6,799	8,249	298	274	0	1	22	28
Alabama	1,539	2,247	-32.0%	1,534	2,240	0	0	0	0	4	6
Kentucky	3,491	3,840	-9.1%	3,491	3,840	0	0	0	0	0	0
Mississippi	473	666	-29.0%	175	392	298	274	0	0	0	0
Tennessee	1,617	1,799	-10.0%	1,598	1,776	0	0	0	1	18	22
West South Central	11,808	13,617	-13.0%	5,814	7,050	5,984	6,554	0	0	NM	13
Arkansas	949	1,781	-47.0%	920	1,513	28	266	0	0	1	2
Louisiana	1,341	1,194	12.0%	719	446	622	749	0	0	0	0
Oklahoma	1,486	1,746	-15.0%	1,380	1,630	98	104	0	0	NM	12
Texas	8,032	8,896	-9.7%	2,795	3,461	5,237	5,435	0	0	0	0
Mountain	9,175	9,763	-6.0%	8,047	8,750	1,107	991	0	0	21	23
Arizona	1,762	2,089	-16.0%	1,762	2,089	0	0	0	0	0	0
Colorado	1,588	1,748	-9.1%	1,587	1,746	NM	NM	0	0	NM	NM
Idaho	2	2	-13.0%	0	0	0	0	0	0	2	2
Montana	1,019	860	18.0%	NM	NM	994	834	0	0	NM	1
Nevada	122	356	-66.0%	78	271	44	84	0	0	0	0
New Mexico	932	832	12.0%	932	832	0	0	0	0	0	0
Utah	1,396	1,430	-2.4%	1,368	1,398	NM	NM	0	0	0	0
Wyoming	2,353	2,445	-3.8%	2,296	2,388	NM	NM	0	0	18	19
Pacific Contiguous	406	862	-53.0%	14	226	385	629	0	0	7	6
California	7	5	24.0%	0	0	NM	NM	0	0	6	5
Oregon	14	226	-94.0%	14	226	0	0	0	0	0	0
Washington	385	630	-39.0%	0	0	385	629	0	0	0	1
Pacific Noncontiguous	103	108	-4.2%	18	16	75	81	9	9	NM	NM
Alaska	44	44	0.4%	18	16	17	18	9	9	0	0
Hawaii	59	64	-7.4%	0	0	58	63	0	0	NM	NM
U.S. Total	71,518	83,600	-14.0%	52,825	62,364	18,288	20,755	26	31	379	449

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 January 2015 and January 2014 (Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	503	497	1.3%	135	130	366	364	0	0	2	3
Connecticut	120	100	19.0%	0	0	120	100	0	0	0	0
Maine	3	4	-9.7%	0	0	2	2	0	0	2	2
Massachusetts	245	263	-6.7%	0	0	245	262	0	0	0	1
New Hampshire	135	130	3.8%	135	130	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,755	4,454	-16.0%	NM	NM	3,726	4,424	4	1	24	28
New Jersey	133	168	-21.0%	0	0	133	168	0	0	0	0
New York	158	410	-62.0%	NM	NM	151	402	0	0	6	7
Pennsylvania	3,464	3,875	-11.0%	0	0	3,442	3,854	4	1	19	21
East North Central	16,295	19,271	-15.0%	11,556	13,928	4,635	5,223	4	9	100	110
Illinois	4,386	4,892	-10.0%	494	612	3,836	4,220	2	2	54	57
Indiana	3,941	4,908	-20.0%	3,716	4,666	223	237	1	4	NM	1
Michigan	2,391	2,799	-15.0%	2,348	2,750	22	24	1	2	20	23
Ohio	3,426	4,171	-18.0%	2,865	3,420	553	742	NM	NM	8	9
Wisconsin	2,150	2,500	-14.0%	2,133	2,480	0	0	NM	NM	17	20
West North Central	12,129	13,191	-8.1%	11,977	13,004	1	1	6	8	145	178
Iowa	1,755	1,901	-7.7%	1,680	1,810	0	0	4	5	72	85
Kansas	1,367	1,658	-18.0%	1,367	1,658	0	0	0	0	0	0
Minnesota	1,560	1,632	-4.4%	1,528	1,586	0	0	0	0	32	46
Missouri	3,942	4,268	-7.7%	3,935	4,260	1	1	3	3	3	4
Nebraska	1,212	1,424	-15.0%	1,180	1,390	0	0	0	0	32	34
North Dakota	2,122	2,158	-1.7%	2,115	2,150	0	0	0	0	6	9
South Dakota	172	151	14.0%	172	151	0	0	0	0	0	0
South Atlantic	10,225	13,286	-23.0%	8,465	11,010	1,710	2,214	3	4	46	58
Delaware	50	74	-32.0%	0	0	50	74	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,356	2,071	-35.0%	1,354	2,067	0	0	0	0	NM	4
Georgia	1,590	2,495	-36.0%	1,583	2,482	0	0	0	0	7	12
Maryland	665	1,001	-34.0%	0	0	659	996	NM	NM	4	5
North Carolina	1,598	2,225	-28.0%	1,571	2,170	NM	48	2	2	NM	4
South Carolina	995	1,162	-14.0%	990	1,155	0	0	0	0	5	7
Virginia	866	1,149	-25.0%	820	1,075	39	67	NM	NM	7	7
West Virginia	3,105	3,108	-0.1%	2,147	2,060	938	1,030	0	0	19	19
East South Central	7,120	8,552	-17.0%	6,799	8,249	298	274	0	1	22	28
Alabama	1,539	2,247	-32.0%	1,534	2,240	0	0	0	0	4	6
Kentucky	3,491	3,840	-9.1%	3,491	3,840	0	0	0	0	0	0
Mississippi	473	666	-29.0%	175	392	298	274	0	0	0	0
Tennessee	1,617	1,799	-10.0%	1,598	1,776	0	0	0	1	18	22
West South Central	11,808	13,617	-13.0%	5,814	7,050	5,984	6,554	0	0	NM	13
Arkansas	949	1,781	-47.0%	920	1,513	28	266	0	0	1	2
Louisiana	1,341	1,194	12.0%	719	446	622	749	0	0	0	0
Oklahoma	1,486	1,746	-15.0%	1,380	1,630	98	104	0	0	NM	12
Texas	8,032	8,896	-9.7%	2,795	3,461	5,237	5,435	0	0	0	0
Mountain	9,175	9,763	-6.0%	8,047	8,750	1,107	991	0	0	21	23
Arizona	1,762	2,089	-16.0%	1,762	2,089	0	0	0	0	0	0
Colorado	1,588	1,748	-9.1%	1,587	1,746	NM	NM	0	0	NM	NM
Idaho	2	2	-13.0%	0	0	0	0	0	0	2	2
Montana	1,019	860	18.0%	NM	NM	994	834	0	0	NM	1
Nevada	122	356	-66.0%	78	271	44	84	0	0	0	0
New Mexico	932	832	12.0%	932	832	0	0	0	0	0	0
Utah	1,396	1,430	-2.4%	1,368	1,398	NM	NM	0	0	0	0
Wyoming	2,353	2,445	-3.8%	2,296	2,388	NM	NM	0	0	18	19
Pacific Contiguous	406	862	-53.0%	14	226	385	629	0	0	7	6
California	7	5	24.0%	0	0	NM	NM	0	0	6	5
Oregon	14	226	-94.0%	14	226	0	0	0	0	0	0
Washington	385	630	-39.0%	0	0	385	629	0	0	0	1
Pacific Noncontiguous	103	108	-4.2%	18	16	75	81	9	9	NM	NM
Alaska	44	44	0.4%	18	16	17	18	9	9	0	0
Hawaii	59	64	-7.4%	0	0	58	63	0	0	NM	NM
U.S. Total	71,518	83,600	-14.0%	52,825	62,364	18,288	20,755	26	31	379	449

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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, January 2015 and January 2014 (Thousand Barrels)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	450	2,106	-79.0%	NM	286	412	1,734	19	71	3	15
Connecticut	41	513	-92.0%	NM	NM	38	503	NM	NM	NM	NM
Maine	195	279	-30.0%	NM	NM	191	264	NM	NM	3	10
Massachusetts	166	948	-82.0%	NM	130	158	786	NM	NM	NM	NM
New Hampshire	27	277	-90.0%	10	134	14	133	NM	NM	NM	NM
Rhode Island	17	63	-73.0%	2	NM	11	48	4	12	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	767	3,329	-77.0%	366	809	378	2,479	NM	NM	17	NM
New Jersey	84	614	-86.0%	NM	NM	84	606	NM	NM	NM	NM
New York	575	2,026	-72.0%	366	807	190	1,189	NM	NM	13	NM
Pennsylvania	107	690	-84.0%	NM	NM	104	684	NM	NM	NM	NM
East North Central	109	276	-61.0%	88	150	17	121	NM	NM	3	NM
Illinois	NM	NM	NM	NM	NM	5	11	NM	NM	0	0
Indiana	25	34	-26.0%	23	30	0	0	NM	NM	2	4
Michigan	17	31	-45.0%	17	31	0	0	0	NM	NM	NM
Ohio	46	171	-73.0%	33	NM	12	106	NM	NM	NM	NM
Wisconsin	13	23	-42.0%	13	19	NM	4	NM	NM	NM	NM
West North Central	56	98	-42.0%	55	87	NM	10	NM	NM	NM	0
Iowa	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Kansas	14	NM	NM	14	NM	0	0	0	0	0	0
Minnesota	NM	32	NM	NM	22	NM	10	NM	NM	NM	0
Missouri	22	NM	NM	22	NM	NM	NM	NM	NM	0	0
Nebraska	4	11	-66.0%	4	11	0	0	0	0	0	0
North Dakota	4	5	-11.0%	4	4	0	0	NM	NM	NM	NM
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0
South Atlantic	785	3,233	-76.0%	539	2,081	183	989	NM	NM	19	24
Delaware	48	169	-72.0%	NM	NM	48	168	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	168	NM	NM	165	NM	NM	NM	0	0	NM	NM
Georgia	75	176	-57.0%	34	108	35	60	NM	NM	5	8
Maryland	98	666	-85.0%	NM	NM	50	516	NM	NM	NM	NM
North Carolina	149	503	-70.0%	128	459	NM	40	NM	NM	8	NM
South Carolina	71	312	-77.0%	61	289	NM	NM	NM	NM	2	4
Virginia	157	1,216	-87.0%	127	1,056	29	158	NM	NM	NM	NM
West Virginia	19	60	-68.0%	19	34	0	25	0	0	0	0
East South Central	72	243	-70.0%	59	211	7	22	NM	NM	NM	NM
Alabama	NM	78	NM	20	47	7	22	0	0	NM	NM
Kentucky	17	NM	NM	17	NM	0	0	0	0	0	0
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	0	0
Tennessee	19	132	-85.0%	19	131	0	0	NM	NM	NM	NM
West South Central	50	NM	NM	26	NM	NM	10	NM	NM	NM	NM
Arkansas	11	4	207.0%	5	2	5	1	0	0	0	1
Louisiana	22	NM	NM	14	NM	8	2	0	0	0	1
Oklahoma	NM	NM	NM	NM	NM	0	0	NM	NM	NM	NM
Texas	NM	NM	NM	7	4	NM	7	NM	NM	NM	NM
Mountain	41	36	11.0%	38	32	NM	NM	NM	NM	NM	NM
Arizona	11	7	73.0%	11	7	0	0	NM	NM	0	0
Colorado	NM	NM	NM	NM	NM	0	0	NM	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	NM	NM	NM	NM	1	3	0	0	0	0
Nevada	4	1	334.0%	3	1	0	0	0	0	0	0
New Mexico	12	12	-2.2%	11	11	NM	NM	0	0	NM	NM
Utah	NM	NM	NM	NM	2	NM	NM	0	0	NM	NM
Wyoming	6	7	-7.7%	6	7	0	0	0	0	NM	NM
Pacific Contiguous	16	NM	NM	6	NM	6	9	NM	NM	4	2
California	11	NM	NM	5	4	5	7	NM	NM	NM	NM
Oregon	NM	NM	NM	0	1	0	0	NM	NM	0	0
Washington	5	NM	NM	NM	NM	NM	NM	NM	NM	3	1
Pacific Noncontiguous	1,050	1,274	-18.0%	935	1,070	NM	NM	1	NM	23	37
Alaska	144	141	1.9%	135	133	0	0	NM	NM	8	NM
Hawaii	906	1,133	-20.0%	800	937	NM	NM	1	0	15	29
U.S. Total	3,395	10,637	-68.0%	2,128	4,743	1,119	5,543	72	235	76	117

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

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

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

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

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

Census Division and State	Electric Power Sector											
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector		
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	
New England	450	2,106	-79.0%	NM	286	412	1,734	19	71	3	15	
Connecticut	41	513	-92.0%	NM	NM	38	503	NM	NM	NM	NM	
Maine	195	279	-30.0%	NM	NM	191	264	NM	NM	3	10	
Massachusetts	166	948	-82.0%	NM	130	158	786	NM	NM	NM	NM	
New Hampshire	27	277	-90.0%	10	134	14	133	NM	NM	NM	NM	
Rhode Island	17	63	-73.0%	2	NM	11	48	4	12	0	0	
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0	
Middle Atlantic	767	3,329	-77.0%	366	809	378	2,479	NM	NM	17	NM	
New Jersey	84	614	-86.0%	NM	NM	84	606	NM	NM	NM	NM	
New York	575	2,026	-72.0%	366	807	190	1,189	NM	NM	13	NM	
Pennsylvania	107	690	-84.0%	NM	NM	104	684	NM	NM	NM	NM	
East North Central	109	276	-61.0%	88	150	17	121	NM	NM	3	NM	
Illinois	NM	NM	NM	NM	NM	5	11	NM	NM	0	0	
Indiana	25	34	-26.0%	23	30	0	0	NM	NM	2	4	
Michigan	17	31	-45.0%	17	31	0	0	0	NM	NM	NM	
Ohio	46	171	-73.0%	33	NM	12	106	NM	NM	NM	NM	
Wisconsin	13	23	-42.0%	13	19	NM	4	NM	NM	NM	NM	
West North Central	56	98	-42.0%	55	87	NM	10	NM	NM	NM	0	
Iowa	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Kansas	14	NM	NM	14	NM	0	0	0	0	0	0	
Minnesota	NM	32	NM	NM	22	NM	10	NM	NM	NM	0	
Missouri	22	NM	NM	22	NM	NM	NM	NM	NM	0	0	
Nebraska	4	11	-66.0%	4	11	0	0	0	0	0	0	
North Dakota	4	5	-11.0%	4	4	0	0	NM	NM	NM	NM	
South Dakota	NM	NM	NM	NM	NM	NM	NM	NM	NM	0	0	
South Atlantic	785	3,233	-76.0%	539	2,081	183	989	NM	NM	19	24	
Delaware	48	169	-72.0%	NM	NM	48	168	0	0	0	0	
District of Columbia	0	0	--	0	0	0	0	0	0	0	0	
Florida	168	NM	NM	165	NM	NM	NM	0	0	NM	NM	
Georgia	75	176	-57.0%	34	108	35	60	NM	NM	5	8	
Maryland	98	666	-85.0%	NM	NM	50	516	NM	NM	NM	NM	
North Carolina	149	503	-70.0%	128	459	NM	40	NM	NM	8	NM	
South Carolina	71	312	-77.0%	61	289	NM	NM	NM	NM	2	4	
Virginia	157	1,216	-87.0%	127	1,056	29	158	NM	NM	NM	NM	
West Virginia	19	60	-68.0%	19	34	0	25	0	0	0	0	
East South Central	72	243	-70.0%	59	211	7	22	NM	NM	NM	NM	
Alabama	NM	78	NM	20	47	7	22	0	0	NM	NM	
Kentucky	17	NM	NM	17	NM	0	0	0	0	0	0	
Mississippi	NM	NM	NM	NM	NM	0	0	0	0	0	0	
Tennessee	19	132	-85.0%	19	131	0	0	NM	NM	NM	NM	
West South Central	50	NM	NM	26	NM	NM	10	NM	NM	NM	NM	
Arkansas	11	4	207.0%	5	2	5	1	0	0	0	1	
Louisiana	22	NM	NM	14	NM	8	2	0	0	0	1	
Oklahoma	NM	NM	NM	NM	NM	0	0	NM	NM	NM	NM	
Texas	NM	NM	NM	7	4	NM	7	NM	NM	NM	NM	
Mountain	41	36	11.0%	38	32	NM	NM	NM	NM	NM	NM	
Arizona	11	7	73.0%	11	7	0	0	NM	NM	0	0	
Colorado	NM	NM	NM	NM	NM	0	0	NM	0	NM	NM	
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0	
Montana	NM	NM	NM	NM	NM	1	3	0	0	0	0	
Nevada	4	1	334.0%	3	1	0	0	0	0	0	0	
New Mexico	12	12	-2.2%	11	11	NM	NM	0	0	NM	NM	
Utah	NM	NM	NM	NM	2	NM	NM	0	0	NM	NM	
Wyoming	6	7	-7.7%	6	7	0	0	0	0	NM	NM	
Pacific Contiguous	16	NM	NM	6	NM	6	9	NM	NM	4	2	
California	11	NM	NM	5	4	5	7	NM	NM	NM	NM	
Oregon	NM	NM	NM	0	1	0	0	NM	NM	0	0	
Washington	5	NM	NM	NM	NM	NM	NM	NM	NM	3	1	
Pacific Noncontiguous	1,050	1,274	-18.0%	935	1,070	NM	NM	1	NM	23	37	
Alaska	144	141	1.9%	135	133	0	0	NM	NM	8	NM	
Hawaii	906	1,133	-20.0%	800	937	NM	NM	1	0	15	29	
U.S. Total	3,395	10,637	-68.0%	2,128	4,743	1,119	5,543	72	235	76	117	

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

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

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

Table 2.9.A. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, January 2015 and January 2014 (Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 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	104	104	0.7%	59	57	41	41	0	0	4	6
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	28	32	-14.0%	28	32	0	0	0	0	0	0
Michigan	33	25	36.0%	29	19	2	3	0	0	2	3
Ohio	39	38	3.7%	0	0	39	38	0	0	0	0
Wisconsin	4	9	-57.0%	2	6	0	0	0	0	2	3
West North Central	2	3	-21.0%	0	0	0	0	0	0	NM	NM
Iowa	2	3	-21.0%	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	49	78	-37.0%	46	75	0	0	0	0	3	3
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	46	75	-39.0%	46	75	0	0	0	0	0	0
Georgia	3	3	8.3%	0	0	0	0	0	0	3	3
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	41	47	-12.0%	41	47	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	41	47	-12.0%	41	47	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	171	193	-12.0%	154	170	0	0	0	0	17	23
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	160	181	-11.0%	154	170	0	0	0	0	6	11
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	11	13	-14.0%	0	0	0	0	0	0	11	13
Mountain	16	14	13.0%	0	0	16	14	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	16	14	13.0%	0	0	16	14	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	386	443	-13.0%	300	349	57	55	0	0	30	39

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 2.9.B. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, Year-to-Date through January 2015 and January 2014 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	Electric Utilities		Independent Power Producers		January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
				January 2015 YTD	January 2014 YTD	January 2015 YTD	January 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	NM	NM	NM	0	0	0	0	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	0	0	0	0	NM	NM
East North Central	104	104	0.7%	59	57	41	41	0	0	4	6
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	28	32	-14.0%	28	32	0	0	0	0	0	0
Michigan	33	25	36.0%	29	19	2	3	0	0	2	3
Ohio	39	38	3.7%	0	0	39	38	0	0	0	0
Wisconsin	4	9	-57.0%	2	6	0	0	0	0	2	3
West North Central	2	3	-21.0%	0	0	0	0	0	0	NM	NM
Iowa	2	3	-21.0%	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	49	78	-37.0%	46	75	0	0	0	0	3	3
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	46	75	-39.0%	46	75	0	0	0	0	0	0
Georgia	3	3	8.3%	0	0	0	0	0	0	3	3
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	41	47	-12.0%	41	47	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	41	47	-12.0%	41	47	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	171	193	-12.0%	154	170	0	0	0	0	17	23
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	160	181	-11.0%	154	170	0	0	0	0	6	11
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	11	13	-14.0%	0	0	0	0	0	0	11	13
Mountain	16	14	13.0%	0	0	16	14	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	16	14	13.0%	0	0	16	14	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
California	NM	NM	NM	0	0	NM	NM	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	386	443	-13.0%	300	349	57	55	0	0	30	39

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	26,664	20,957	27.0%	63	181	25,186	19,024	645	615	770	1,138
Connecticut	11,290	6,699	69.0%	0	32	10,591	5,973	NM	NM	NM	455
Maine	2,113	3,248	-35.0%	0	0	1,871	2,645	NM	NM	214	579
Massachusetts	7,420	7,818	-5.1%	58	144	6,946	7,275	324	306	NM	NM
New Hampshire	3,650	606	502.0%	1	1	3,622	581	NM	NM	NM	NM
Rhode Island	2,187	2,583	-15.0%	0	0	2,156	2,550	NM	NM	0	0
Vermont	5	4	25.0%	5	4	0	0	0	0	0	0
Middle Atlantic	85,622	73,915	16.0%	NM	8,519	73,424	63,728	892	808	953	860
New Jersey	18,735	15,183	23.0%	NM	NM	18,259	14,735	NM	NM	NM	292
New York	34,567	31,391	10.0%	NM	8,478	23,459	22,186	639	589	NM	139
Pennsylvania	32,320	27,341	18.0%	NM	NM	31,706	26,807	NM	NM	NM	430
East North Central	55,414	47,259	17.0%	21,829	18,815	31,479	26,276	951	1,033	1,156	1,135
Illinois	6,240	5,344	17.0%	NM	NM	5,458	4,377	434	475	NM	204
Indiana	10,685	9,621	11.0%	8,287	7,251	1,981	2,014	NM	NM	356	328
Michigan	11,170	11,902	-6.1%	2,957	2,872	7,501	8,232	239	299	473	499
Ohio	19,505	15,534	26.0%	6,717	5,953	12,572	9,371	NM	NM	NM	NM
Wisconsin	7,814	4,858	61.0%	3,738	2,450	3,967	2,281	56	69	53	58
West North Central	8,179	9,598	-15.0%	7,433	8,282	278	792	204	275	264	249
Iowa	1,511	939	61.0%	1,418	802	0	0	NM	48	NM	89
Kansas	782	1,856	-58.0%	690	1,783	0	0	0	0	92	73
Minnesota	2,617	3,193	-18.0%	2,251	2,223	NM	673	NM	226	93	72
Missouri	NM	3,248	NM	NM	3,123	NM	NM	1	1	NM	NM
Nebraska	189	97	95.0%	181	97	0	0	NM	NM	NM	0
North Dakota	NM	9	NM	2	0	0	0	0	0	NM	9
South Dakota	459	255	80.0%	459	255	0	0	0	0	0	0
South Atlantic	165,826	144,710	15.0%	133,575	114,824	29,651	27,353	NM	425	2,182	2,107
Delaware	3,989	2,664	50.0%	NM	NM	2,947	2,053	0	0	1,023	581
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	83,227	79,077	5.2%	78,321	72,590	4,092	5,614	NM	NM	797	857
Georgia	29,361	22,089	33.0%	20,297	16,427	8,934	5,400	0	0	130	262
Maryland	NM	1,330	NM	0	0	NM	982	NM	NM	NM	NM
North Carolina	22,051	18,062	22.0%	15,164	12,303	6,828	5,561	0	2	58	196
South Carolina	7,128	6,838	4.2%	6,452	6,124	652	686	NM	NM	19	22
Virginia	18,313	13,522	35.0%	13,253	6,600	4,932	6,757	NM	NM	124	163
West Virginia	271	1,053	-74.0%	71	751	192	300	0	0	NM	NM
East South Central	70,202	69,324	1.3%	37,402	40,795	30,179	25,967	NM	NM	2,486	2,436
Alabama	36,190	32,151	13.0%	10,677	10,622	24,729	20,680	0	0	784	849
Kentucky	2,419	6,297	-62.0%	2,106	5,801	176	372	0	0	NM	124
Mississippi	26,634	24,528	8.6%	19,870	18,184	5,274	4,915	NM	NM	1,480	1,420
Tennessee	4,960	6,349	-22.0%	4,748	6,188	0	0	NM	NM	85	44
West South Central	209,487	187,061	12.0%	54,602	54,644	114,028	92,543	723	667	40,134	39,208
Arkansas	9,428	7,176	31.0%	1,721	822	7,489	6,151	NM	NM	217	202
Louisiana	40,619	41,758	-2.7%	17,821	16,288	5,985	8,843	NM	171	16,639	16,455
Oklahoma	20,829	20,551	1.4%	14,263	16,195	6,469	4,300	NM	NM	45	51
Texas	138,611	117,576	18.0%	20,796	21,338	94,085	73,249	497	489	23,233	22,499
Mountain	43,484	42,968	1.2%	28,543	27,047	13,872	14,578	307	394	761	948
Arizona	10,126	11,047	-8.3%	4,051	4,575	5,964	6,337	NM	135	0	0
Colorado	6,345	6,344	0.0%	3,473	3,886	2,858	2,417	NM	19	NM	NM
Idaho	2,254	2,735	-18.0%	1,440	1,467	775	1,212	0	0	39	55
Montana	NM	702	NM	NM	613	NM	NM	0	0	0	0
Nevada	13,009	11,241	16.0%	11,056	8,792	1,740	2,180	NM	NM	NM	203
New Mexico	6,442	5,578	15.0%	4,163	3,396	2,207	2,088	NM	NM	0	NM
Utah	4,334	4,976	-13.0%	3,767	4,288	NM	NM	NM	NM	266	363
Wyoming	328	344	-4.7%	NM	NM	NM	NM	0	0	285	299
Pacific Contiguous	76,588	94,917	-19.0%	30,519	33,143	39,337	53,644	1,128	1,377	5,604	6,753
California	63,691	74,219	-14.0%	22,653	20,703	34,452	45,557	1,065	1,280	5,522	6,680
Oregon	8,114	11,714	-31.0%	3,484	4,709	4,547	6,877	NM	87	26	40
Washington	4,783	8,985	-47.0%	4,382	7,731	338	1,210	NM	9	56	33
Pacific Noncontiguous	2,919	2,993	-2.4%	2,854	2,904	0	0	NM	NM	NM	84
Alaska	2,919	2,993	-2.4%	2,854	2,904	0	0	NM	NM	NM	84
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	744,386	693,701	7.3%	327,173	309,154	357,433	323,905	5,408	5,723	54,372	54,919

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 Natural Gas for Electricity Generation by State, by Sector, Year-to-Date through January 2015 and January 2014 (Million Cubic Feet)

Census Division and State	Electric Power Sector											
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector		
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	
New England	26,664	20,957	27.0%	63	181	25,186	19,024	645	615	770	1,138	
Connecticut	11,290	6,699	69.0%	0	32	10,591	5,973	NM	NM	NM	455	
Maine	2,113	3,248	-35.0%	0	0	1,871	2,645	NM	NM	214	579	
Massachusetts	7,420	7,818	-5.1%	58	144	6,946	7,275	324	306	NM	NM	
New Hampshire	3,650	606	502.0%	1	1	3,622	581	NM	NM	NM	NM	
Rhode Island	2,187	2,583	-15.0%	0	0	2,156	2,550	NM	NM	0	0	
Vermont	5	4	25.0%	5	4	0	0	0	0	0	0	
Middle Atlantic	85,622	73,915	16.0%	NM	8,519	73,424	63,728	892	808	953	860	
New Jersey	18,735	15,183	23.0%	NM	NM	18,259	14,735	NM	NM	NM	292	
New York	34,567	31,391	10.0%	NM	8,478	23,459	22,186	639	589	NM	139	
Pennsylvania	32,320	27,341	18.0%	NM	NM	31,706	26,807	NM	NM	NM	430	
East North Central	55,414	47,259	17.0%	21,829	18,815	31,479	26,276	951	1,033	1,156	1,135	
Illinois	6,240	5,344	17.0%	NM	NM	5,458	4,377	434	475	NM	204	
Indiana	10,685	9,621	11.0%	8,287	7,251	1,981	2,014	NM	NM	356	328	
Michigan	11,170	11,902	-6.1%	2,957	2,872	7,501	8,232	239	299	473	499	
Ohio	19,505	15,534	26.0%	6,717	5,953	12,572	9,371	NM	NM	NM	NM	
Wisconsin	7,814	4,858	61.0%	3,738	2,450	3,967	2,281	56	69	53	58	
West North Central	8,179	9,598	-15.0%	7,433	8,282	278	792	204	275	264	249	
Iowa	1,511	939	61.0%	1,418	802	0	0	NM	48	NM	89	
Kansas	782	1,856	-58.0%	690	1,783	0	0	0	0	92	73	
Minnesota	2,617	3,193	-18.0%	2,251	2,223	NM	673	NM	226	93	72	
Missouri	NM	3,248	NM	NM	3,123	NM	NM	1	1	NM	NM	
Nebraska	189	97	95.0%	181	97	0	0	NM	NM	NM	0	
North Dakota	NM	9	NM	2	0	0	0	0	0	NM	9	
South Dakota	459	255	80.0%	459	255	0	0	0	0	0	0	
South Atlantic	165,826	144,710	15.0%	133,575	114,824	29,651	27,353	NM	425	2,182	2,107	
Delaware	3,989	2,664	50.0%	NM	NM	2,947	2,053	0	0	1,023	581	
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0	
Florida	83,227	79,077	5.2%	78,321	72,590	4,092	5,614	NM	NM	797	857	
Georgia	29,361	22,089	33.0%	20,297	16,427	8,934	5,400	0	0	130	262	
Maryland	NM	1,330	NM	0	0	NM	982	NM	NM	NM	NM	
North Carolina	22,051	18,062	22.0%	15,164	12,303	6,828	5,561	0	2	58	196	
South Carolina	7,128	6,838	4.2%	6,452	6,124	652	686	NM	NM	19	22	
Virginia	18,313	13,522	35.0%	13,253	6,600	4,932	6,757	NM	NM	124	163	
West Virginia	271	1,053	-74.0%	71	751	192	300	0	0	NM	NM	
East South Central	70,202	69,324	1.3%	37,402	40,795	30,179	25,967	NM	NM	2,486	2,436	
Alabama	36,190	32,151	13.0%	10,677	10,622	24,729	20,680	0	0	784	849	
Kentucky	2,419	6,297	-62.0%	2,106	5,801	176	372	0	0	NM	124	
Mississippi	26,634	24,528	8.6%	19,870	18,184	5,274	4,915	NM	NM	1,480	1,420	
Tennessee	4,960	6,349	-22.0%	4,748	6,188	0	0	NM	NM	85	44	
West South Central	209,487	187,061	12.0%	54,602	54,644	114,028	92,543	723	667	40,134	39,208	
Arkansas	9,428	7,176	31.0%	1,721	822	7,489	6,151	NM	NM	217	202	
Louisiana	40,619	41,758	-2.7%	17,821	16,288	5,985	8,843	NM	171	16,639	16,455	
Oklahoma	20,829	20,551	1.4%	14,263	16,195	6,469	4,300	NM	NM	45	51	
Texas	138,611	117,576	18.0%	20,796	21,338	94,085	73,249	497	489	23,233	22,499	
Mountain	43,484	42,968	1.2%	28,543	27,047	13,872	14,578	307	394	761	948	
Arizona	10,126	11,047	-8.3%	4,051	4,575	5,964	6,337	NM	135	0	0	
Colorado	6,345	6,344	0.0%	3,473	3,886	2,858	2,417	NM	19	NM	NM	
Idaho	2,254	2,735	-18.0%	1,440	1,467	775	1,212	0	0	39	55	
Montana	NM	702	NM	NM	613	NM	NM	0	0	0	0	
Nevada	13,009	11,241	16.0%	11,056	8,792	1,740	2,180	NM	NM	NM	203	
New Mexico	6,442	5,578	15.0%	4,163	3,396	2,207	2,088	NM	NM	0	NM	
Utah	4,334	4,976	-13.0%	3,767	4,288	NM	NM	NM	NM	266	363	
Wyoming	328	344	-4.7%	NM	NM	NM	NM	0	0	285	299	
Pacific Contiguous	76,588	94,917	-19.0%	30,519	33,143	39,337	53,644	1,128	1,377	5,604	6,753	
California	63,691	74,219	-14.0%	22,653	20,703	34,452	45,557	1,065	1,280	5,522	6,680	
Oregon	8,114	11,714	-31.0%	3,484	4,709	4,547	6,877	NM	87	26	40	
Washington	4,783	8,985	-47.0%	4,382	7,731	338	1,210	NM	9	56	33	
Pacific Noncontiguous	2,919	2,993	-2.4%	2,854	2,904	0	0	NM	NM	NM	84	
Alaska	2,919	2,993	-2.4%	2,854	2,904	0	0	NM	NM	NM	84	
Hawaii	0	0	--	0	0	0	0	0	0	0	0	
U.S. Total	744,386	693,701	7.3%	327,173	309,154	357,433	323,905	5,408	5,723	54,372	54,919	

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

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

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

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

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	1,163	1,088	6.9%	0	0	1,082	996	NM	93	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	NM	83	NM	0	0	NM	83	0	0	0	0
Massachusetts	374	377	-0.7%	0	0	374	377	0	0	0	0
New Hampshire	200	210	-5.0%	0	0	119	117	NM	93	0	0
Rhode Island	392	303	29.0%	0	0	392	303	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	5,308	5,273	0.7%	0	0	5,157	5,110	NM	NM	NM	135
New Jersey	955	970	-1.6%	0	0	955	970	0	0	0	0
New York	1,739	1,750	-0.7%	0	0	1,739	1,750	0	0	0	0
Pennsylvania	2,615	2,552	2.5%	0	0	2,464	2,390	NM	NM	NM	135
East North Central	6,778	6,813	-0.5%	812	814	5,903	5,945	NM	NM	NM	NM
Illinois	1,625	1,626	0.0%	0	0	1,625	1,626	0	0	0	0
Indiana	823	818	0.5%	768	774	0	0	0	0	NM	NM
Michigan	2,060	2,081	-1.0%	0	0	2,060	2,081	0	0	0	0
Ohio	1,064	1,069	-0.4%	NM	NM	1,037	1,043	0	0	0	0
Wisconsin	1,207	1,219	-1.0%	NM	NM	1,181	1,195	NM	NM	0	0
West North Central	1,031	1,026	0.5%	326	318	705	708	0	0	0	0
Iowa	210	208	0.7%	0	0	210	208	0	0	0	0
Kansas	170	172	-1.3%	0	0	170	172	0	0	0	0
Minnesota	371	370	0.5%	NM	86	281	284	0	0	0	0
Missouri	157	151	4.1%	113	107	NM	NM	0	0	0	0
Nebraska	123	125	-1.4%	123	125	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	4,288	4,226	1.5%	549	524	3,013	3,007	396	374	331	321
Delaware	128	129	-0.8%	0	0	128	129	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	674	654	2.9%	181	158	493	496	0	0	0	0
Georgia	383	376	1.8%	0	0	240	242	NM	NM	NM	82
Maryland	367	367	0.0%	0	0	190	189	NM	178	0	0
North Carolina	871	861	1.1%	0	0	739	747	NM	114	0	0
South Carolina	633	626	1.2%	358	355	NM	NM	0	0	243	239
Virginia	1,221	1,202	1.6%	NM	NM	1,179	1,162	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	465	468	-0.6%	247	249	219	219	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	247	249	-0.8%	247	249	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	NM	NM	0	0	0	0
Tennessee	171	171	-0.2%	0	0	171	171	0	0	0	0
West South Central	1,633	1,631	0.1%	0	0	1,550	1,556	NM	NM	0	0
Arkansas	152	154	-1.1%	0	0	152	154	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	1,480	1,477	0.2%	0	0	1,397	1,402	NM	NM	0	0
Mountain	538	542	-0.7%	109	109	429	432	0	0	0	0
Arizona	172	174	-0.7%	NM	85	NM	88	0	0	0	0
Colorado	113	114	-1.1%	0	0	113	114	0	0	0	0
Idaho	NM	68	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	132	-0.9%	0	0	131	132	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,972	5,905	1.1%	808	818	3,139	3,042	2,026	2,044	0	0
California	5,028	4,960	1.4%	289	293	2,771	2,677	1,968	1,990	0	0
Oregon	512	508	0.7%	130	131	324	323	NM	NM	0	0
Washington	432	437	-1.0%	389	395	NM	NM	0	0	0	0
Pacific Noncontiguous	NM	120	NM	0	0	0	0	NM	120	0	0
Alaska	NM	120	NM	0	0	0	0	NM	120	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	27,317	27,091	0.8%	2,852	2,832	21,195	21,015	2,764	2,743	505	501

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

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

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

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

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

Census Division and State	Electric Power Sector											
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector		
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	
New England	1,163	1,088	6.9%	0	0	1,082	996	NM	93	0	0	
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0	
Maine	NM	83	NM	0	0	NM	83	0	0	0	0	
Massachusetts	374	377	-0.7%	0	0	374	377	0	0	0	0	
New Hampshire	200	210	-5.0%	0	0	119	117	NM	93	0	0	
Rhode Island	392	303	29.0%	0	0	392	303	0	0	0	0	
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0	
Middle Atlantic	5,308	5,273	0.7%	0	0	5,157	5,110	NM	NM	NM	135	
New Jersey	955	970	-1.6%	0	0	955	970	0	0	0	0	
New York	1,739	1,750	-0.7%	0	0	1,739	1,750	0	0	0	0	
Pennsylvania	2,615	2,552	2.5%	0	0	2,464	2,390	NM	NM	NM	135	
East North Central	6,778	6,813	-0.5%	812	814	5,903	5,945	NM	NM	NM	NM	
Illinois	1,625	1,626	0.0%	0	0	1,625	1,626	0	0	0	0	
Indiana	823	818	0.5%	768	774	0	0	0	0	NM	NM	
Michigan	2,060	2,081	-1.0%	0	0	2,060	2,081	0	0	0	0	
Ohio	1,064	1,069	-0.4%	NM	NM	1,037	1,043	0	0	0	0	
Wisconsin	1,207	1,219	-1.0%	NM	NM	1,181	1,195	NM	NM	0	0	
West North Central	1,031	1,026	0.5%	326	318	705	708	0	0	0	0	
Iowa	210	208	0.7%	0	0	210	208	0	0	0	0	
Kansas	170	172	-1.3%	0	0	170	172	0	0	0	0	
Minnesota	371	370	0.5%	NM	86	281	284	0	0	0	0	
Missouri	157	151	4.1%	113	107	NM	NM	0	0	0	0	
Nebraska	123	125	-1.4%	123	125	0	0	0	0	0	0	
North Dakota	0	0	--	0	0	0	0	0	0	0	0	
South Dakota	0	0	--	0	0	0	0	0	0	0	0	
South Atlantic	4,288	4,226	1.5%	549	524	3,013	3,007	396	374	331	321	
Delaware	128	129	-0.8%	0	0	128	129	0	0	0	0	
District of Columbia	0	0	--	0	0	0	0	0	0	0	0	
Florida	674	654	2.9%	181	158	493	496	0	0	0	0	
Georgia	383	376	1.8%	0	0	240	242	NM	NM	NM	82	
Maryland	367	367	0.0%	0	0	190	189	NM	178	0	0	
North Carolina	871	861	1.1%	0	0	739	747	NM	114	0	0	
South Carolina	633	626	1.2%	358	355	NM	NM	0	0	243	239	
Virginia	1,221	1,202	1.6%	NM	NM	1,179	1,162	NM	NM	0	0	
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0	
East South Central	465	468	-0.6%	247	249	219	219	0	0	0	0	
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0	
Kentucky	247	249	-0.8%	247	249	0	0	0	0	0	0	
Mississippi	NM	NM	NM	0	0	NM	NM	0	0	0	0	
Tennessee	171	171	-0.2%	0	0	171	171	0	0	0	0	
West South Central	1,633	1,631	0.1%	0	0	1,550	1,556	NM	NM	0	0	
Arkansas	152	154	-1.1%	0	0	152	154	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	1,480	1,477	0.2%	0	0	1,397	1,402	NM	NM	0	0	
Mountain	538	542	-0.7%	109	109	429	432	0	0	0	0	
Arizona	172	174	-0.7%	NM	85	NM	88	0	0	0	0	
Colorado	113	114	-1.1%	0	0	113	114	0	0	0	0	
Idaho	NM	68	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	132	-0.9%	0	0	131	132	0	0	0	0	
Wyoming	0	0	--	0	0	0	0	0	0	0	0	
Pacific Contiguous	5,972	5,905	1.1%	808	818	3,139	3,042	2,026	2,044	0	0	
California	5,028	4,960	1.4%	289	293	2,771	2,677	1,968	1,990	0	0	
Oregon	512	508	0.7%	130	131	324	323	NM	NM	0	0	
Washington	432	437	-1.0%	389	395	NM	NM	0	0	0	0	
Pacific Noncontiguous	NM	120	NM	0	0	0	0	NM	120	0	0	
Alaska	NM	120	NM	0	0	0	0	NM	120	0	0	
Hawaii	0	0	--	0	0	0	0	0	0	0	0	
U.S. Total	27,317	27,091	0.8%	2,852	2,832	21,195	21,015	2,764	2,743	505	501	

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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, January 2015 and January 2014 (Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	307	307	0.1%	0	0	284	285	23	22	0	0
Connecticut	108	115	-6.0%	0	0	101	108	NM	6	0	0
Maine	24	24	2.3%	0	0	8	8	16	16	0	0
Massachusetts	164	157	4.2%	0	0	164	157	0	0	0	0
New Hampshire	11	11	0.5%	0	0	11	11	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	417	383	8.7%	0	0	328	296	88	88	0	0
New Jersey	107	106	0.9%	0	0	77	77	30	29	0	0
New York	155	145	6.8%	0	0	116	107	38	37	0	0
Pennsylvania	155	133	17.0%	0	0	135	112	20	21	0	0
East North Central	19	18	7.1%	3	2	0	0	16	16	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-8.2%	0	0	0	0	1	1	0	0
Michigan	15	15	4.0%	0	0	0	0	15	15	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	2	35.0%	3	2	0	0	0	0	0	0
West North Central	45	43	3.8%	28	26	15	15	NM	2	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	45	43	3.8%	28	26	15	15	NM	2	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	415	437	-5.0%	0	0	383	406	31	31	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	268	288	-6.9%	0	0	268	288	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	60	61	-1.2%	0	0	60	61	NM	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	86	88	-1.5%	0	0	55	57	31	31	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	1	9.1%	0	0	0	0	0	0	1	1
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	1	9.1%	0	0	0	0	0	0	1	1
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	NM	0	NM	0	0	NM	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	0	NM	0	0	NM	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	53	63	-15.0%	0	0	53	63	0	0	0	0
California	34	43	-23.0%	0	0	34	43	0	0	0	0
Oregon	7	7	0.7%	0	0	7	7	0	0	0	0
Washington	12	12	1.1%	0	0	12	12	0	0	0	0
Pacific Noncontiguous	31	36	-14.0%	0	0	0	0	31	36	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	31	36	-14.0%	0	0	0	0	31	36	0	0
U.S. Total	1,287	1,288	0.0%	31	28	1,064	1,064	192	194	1	1

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	Electric Utilities		Independent Power Producers		January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
				January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD				
New England	307	307	0.1%	0	0	284	285	23	22	0	0
Connecticut	108	115	-6.0%	0	0	101	108	NM	6	0	0
Maine	24	24	2.3%	0	0	8	8	16	16	0	0
Massachusetts	164	157	4.2%	0	0	164	157	0	0	0	0
New Hampshire	11	11	0.5%	0	0	11	11	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	417	383	8.7%	0	0	328	296	88	88	0	0
New Jersey	107	106	0.9%	0	0	77	77	30	29	0	0
New York	155	145	6.8%	0	0	116	107	38	37	0	0
Pennsylvania	155	133	17.0%	0	0	135	112	20	21	0	0
East North Central	19	18	7.1%	3	2	0	0	16	16	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-8.2%	0	0	0	0	1	1	0	0
Michigan	15	15	4.0%	0	0	0	0	15	15	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	2	35.0%	3	2	0	0	0	0	0	0
West North Central	45	43	3.8%	28	26	15	15	NM	2	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	45	43	3.8%	28	26	15	15	NM	2	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	415	437	-5.0%	0	0	383	406	31	31	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	268	288	-6.9%	0	0	268	288	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	60	61	-1.2%	0	0	60	61	NM	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	86	88	-1.5%	0	0	55	57	31	31	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	1	9.1%	0	0	0	0	0	0	1	1
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	1	9.1%	0	0	0	0	0	0	1	1
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	NM	0	NM	0	0	NM	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	0	NM	0	0	NM	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	53	63	-15.0%	0	0	53	63	0	0	0	0
California	34	43	-23.0%	0	0	34	43	0	0	0	0
Oregon	7	7	0.7%	0	0	7	7	0	0	0	0
Washington	12	12	1.1%	0	0	12	12	0	0	0	0
Pacific Noncontiguous	31	36	-14.0%	0	0	0	0	31	36	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	31	36	-14.0%	0	0	0	0	31	36	0	0
U.S. Total	1,287	1,288	0.0%	31	28	1,064	1,064	192	194	1	1

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

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 2005 - January 2015

Period	Electric Power Sector			Electric Utilities			Independent Power Producers		
	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
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
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
2015, End of Month Stocks									
January	155,115	31,575	924	119,871	21,098	774	35,244	10,477	150

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, January 2015 and 2014**

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	January 2015	January 2014	Percentage Change	January 2015	January 2014	Percentage Change	January 2015	January 2014	Percentage Change
New England	1,324	1,117	19.0%	4,517	2,109	114.0%	0	0	--
Connecticut	W	W	W	1,402	725	93.0%	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	524	W	1,847	841	120.0%	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	--	31	40	-24.0%	0	0	--
Middle Atlantic	7,887	5,471	44.0%	5,607	3,603	56.0%	W	W	W
New Jersey	988	964	2.5%	780	614	27.0%	0	0	--
New York	730	237	208.0%	3,529	2,402	47.0%	0	0	--
Pennsylvania	6,169	4,271	44.0%	1,297	587	121.0%	W	W	W
East North Central	34,149	23,570	45.0%	1,171	1,221	-4.1%	280	89	215.0%
Illinois	8,245	5,961	38.0%	100	140	-29.0%	0	0	--
Indiana	9,471	6,841	38.0%	135	112	21.0%	W	0	W
Michigan	6,467	4,731	37.0%	330	389	-15.0%	W	W	W
Ohio	6,354	3,539	80.0%	368	347	5.9%	W	W	W
Wisconsin	3,611	2,498	45.0%	238	233	2.4%	W	W	W
West North Central	21,568	21,767	-0.9%	1,122	1,104	1.6%	0	0	--
Iowa	3,723	6,441	-42.0%	151	157	-3.9%	0	0	--
Kansas	3,181	3,274	-2.8%	114	131	-13.0%	0	0	--
Minnesota	2,738	1,548	77.0%	140	141	-0.6%	0	0	--
Missouri	6,882	6,546	5.1%	411	286	44.0%	0	0	--
Nebraska	W	2,455	W	199	265	-25.0%	0	0	--
North Dakota	1,774	W	W	41	49	-15.0%	0	0	--
South Dakota	W	W	W	66	75	-12.0%	0	0	--
South Atlantic	29,865	27,548	8.4%	12,029	11,208	7.3%	W	W	W
Delaware	W	W	W	326	271	20.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	W	W	5,784	6,305	-8.3%	W	W	W
Georgia	5,850	6,505	-10.0%	914	862	6.0%	0	0	--
Maryland	1,779	973	83.0%	766	523	47.0%	0	0	--
North Carolina	6,723	4,455	51.0%	1,220	948	29.0%	0	0	--
South Carolina	4,182	4,635	-9.8%	655	518	26.0%	0	0	--
Virginia	1,390	1,083	28.0%	2,193	1,631	34.0%	0	0	--
West Virginia	4,144	4,848	-15.0%	171	151	13.0%	W	W	W
East South Central	16,953	14,609	16.0%	1,988	1,867	6.5%	W	W	W
Alabama	4,434	3,919	13.0%	260	281	-7.6%	0	0	--
Kentucky	8,175	6,526	25.0%	260	255	2.1%	W	W	W
Mississippi	1,003	1,182	-15.0%	580	581	-0.2%	0	0	--
Tennessee	3,341	2,982	12.0%	889	751	18.0%	0	0	--
West South Central	24,729	22,967	7.7%	2,014	2,273	-11.0%	W	W	W
Arkansas	3,611	3,183	13.0%	180	230	-22.0%	0	0	--
Louisiana	3,387	3,650	-7.2%	501	636	-21.0%	W	W	W
Oklahoma	3,495	3,247	7.6%	W	W	W	0	0	--
Texas	14,235	12,886	10.0%	W	W	W	0	0	--
Mountain	17,070	15,361	11.0%	653	910	-28.0%	W	W	W
Arizona	2,966	2,648	12.0%	151	185	-18.0%	0	0	--
Colorado	4,591	3,649	26.0%	225	242	-7.0%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	17	W	W	W	W
Nevada	1,179	552	113.0%	NM	179	NM	0	0	--
New Mexico	W	W	W	W	W	W	0	0	--
Utah	2,933	3,695	-21.0%	W	W	W	0	0	--
Wyoming	3,396	2,886	18.0%	37	39	-3.7%	0	0	--
Pacific Contiguous	W	W	W	348	388	-10.0%	0	W	W
California	0	W	W	169	209	-19.0%	0	W	W
Oregon	W	W	W	W	W	W	0	0	--
Washington	W	W	W	W	W	W	0	0	--
Pacific Noncontiguous	W	W	W	2,127	2,459	-13.0%	0	0	--
Alaska	0	W	W	27	250	-89.0%	0	0	--
Hawaii	W	W	W	2,100	2,208	-4.9%	0	0	--
U.S. Total	155,115	133,647	16.0%	31,575	27,141	16.0%	924	298	210.0%

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 Division, January 2015 and 2014**

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014
Coal (Thousand Tons)							
New England	1,324	1,117	18.6%	W	W	W	W
Middle Atlantic	7,887	5,471	44.2%	0	0	7,887	5,471
East North Central	34,149	23,570	44.9%	24,946	17,642	9,202	5,928
West North Central	21,568	21,767	-0.9%	21,568	21,767	0	0
South Atlantic	29,865	27,548	8.4%	25,438	24,531	4,427	3,017
East South Central	16,953	14,609	16.0%	16,953	14,609	0	0
West South Central	24,729	22,967	7.7%	13,992	13,585	10,737	9,382
Mountain	17,070	15,361	11.1%	15,781	W	1,289	W
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	0	W	W	W
U.S. Total	155,115	133,647	16.1%	119,871	107,614	35,244	26,033
Petroleum Liquids (Thousand Barrels)							
New England	4,517	2,109	114.2%	854	276	3,663	1,833
Middle Atlantic	5,607	3,603	55.6%	1,974	1,424	3,633	2,179
East North Central	1,171	1,221	-4.1%	W	W	W	W
West North Central	1,122	1,104	1.6%	1,096	1,086	26	18
South Atlantic	12,029	11,208	7.3%	9,876	9,515	2,153	1,693
East South Central	1,988	1,867	6.5%	W	W	W	W
West South Central	2,014	2,273	-11.4%	W	W	W	W
Mountain	653	910	-28.2%	W	W	W	W
Pacific Contiguous	348	388	-10.2%	252	W	97	W
Pacific Noncontiguous	2,127	2,459	-13.5%	W	W	W	W
U.S. Total	31,575	27,141	16.3%	21,098	20,386	10,477	6,756
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	280	89	214.8%	W	W	W	W
West North Central	0	0	--	0	0	0	0
South Atlantic	W	W	W	W	W	W	W
East South Central	W	W	W	W	W	0	0
West South Central	W	W	W	W	W	0	0
Mountain	W	W	W	0	0	W	W
Pacific Contiguous	0	W	W	0	0	0	W
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	924	298	210.1%	W	216	W	82

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 - January 2015

Period	Electric Power Sector			Total
	Bituminous Coal	Subbituminous Coal	Lignite Coal	
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
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
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
2015, End of Month Stocks				
January	70,361	79,167	5,587	155,115

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 - January 2015

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
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
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
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	68,581	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	0.46	155.2
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
Year to Date												
2013	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
2014	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
2015	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
Rolling 12 Months Ending in January												
2014	15,859,681	821,219	2.34	45.24	1.29	92.5	140,091	23,126	20.78	125.93	0.45	66.1
2015	16,405,095	841,137	2.36	46.12	1.33	97.8	157,856	26,046	18.95	114.95	0.47	91.1

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

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

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2005 - January 2015 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels Average Cost (Dollars per MMBtu)
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Percentage of Consumption	
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)		
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
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
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
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
Year to Date												
2013	10,103	355	2.04	58.21	5.61	68.1	676,695	660,645	4.38	4.49	89.1	3.08
2014	9,894	350	1.80	50.87	5.25	62.5	709,245	691,475	7.04	7.22	89.0	4.10
2015	13,724	484	2.03	57.48	5.23	93.8	754,341	730,694	4.10	4.23	88.7	2.92
Rolling 12 Months Ending in January												
2014	132,264	4,655	2.16	61.36	5.38	73.0	8,753,663	8,534,254	4.54	4.66	89.7	3.17
2015	148,525	5,225	W	W	5.54	90.5	8,716,770	8,463,102	4.74	4.88	89.8	W

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

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

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2005 - January 2015

Period	Coal						Petroleum Liquids						
	Receipts		Average Cost				Receipts		Average Cost				
	(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	
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	
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	2,056	13.23	82.89	0.46	160.7	
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	
Year to Date													
2013	966,431	49,719	2.37	46.15	1.18	89.3	7,473	1,239	21.08	127.15	0.41	68.5	
2014	926,991	47,962	2.31	44.60	1.18	76.9	12,038	2,017	21.73	129.71	0.32	42.5	
2015	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	
Rolling 12 Months Ending in January													
2014	11,555,888	591,015	2.37	46.38	1.23	91.6	82,667	13,593	21.19	128.87	0.41	68.8	
2015	12,111,882	613,613	2.40	47.31	1.27	97.9	95,882	15,725	18.93	115.48	0.46	89.4	

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Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2005 - January 2015 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels Average Cost
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Percentage of Consumption	
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)		
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
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
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
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
Year to Date												
2013	6,816	237	1.97	56.67	5.52	93.7	308,726	302,282	4.35	4.44	97.5	2.95
2014	8,753	309	1.79	50.66	5.22	88.7	308,967	301,902	6.20	6.34	97.7	3.44
2015	11,509	404	1.94	55.36	5.21	134.7	324,270	314,575	4.25	4.38	96.2	2.81
Rolling 12 Months Ending in January												
2014	101,025	3,535	2.09	59.70	5.32	100.9	3,939,649	3,850,861	4.64	4.74	97.0	3.03
2015	126,550	4,443	1.90	54.13	5.55	134.4	3,730,036	3,627,246	5.00	5.14	96.9	3.09

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

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

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2005 - January 2015

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
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
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
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	482	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
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
Year to Date												
2013	352,557	18,976	2.21	41.20	1.51	99.1	2,963	495	21.11	126.80	0.54	45.0
2014	350,905	19,050	2.24	41.28	1.46	90.9	14,545	2,432	22.04	132.11	0.46	42.4
2015	339,916	18,235	2.19	40.87	1.42	98.8	4,214	703	15.13	90.58	0.49	57.3
Rolling 12 Months Ending in January												
2014	4,030,779	217,645	2.20	40.95	1.47	98.3	55,013	9,142	W	W	0.45	81.8
2015	4,085,620	218,366	2.23	41.81	1.48	102.6	60,189	10,031	W	W	0.45	136.1

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

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.

Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.

See the Technical Notes for fuel conversion factors.

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

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2005 - January 2015 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
	(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
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	78.0	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
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
2015												
January	1,427	52	W	W	5.10	77.4	371,200	359,180	4.07	4.20	93.1	W
Year to Date												
2013	1,444	52	0.00	0.00	5.37	67.8	305,859	297,827	4.59	4.72	92.6	3.29
2014	922	33	W	W	5.35	52.1	336,380	327,589	8.51	8.74	92.6	W
2015	1,427	52	2.43	67.25	5.10	77.4	371,200	359,180	4.07	4.20	93.1	W
Rolling 12 Months Ending in January												
2014	15,628	556	W	W	5.39	64.4	4,055,783	3,947,660	4.57	4.70	92.8	W
2015	14,286	506	W	W	5.31	73.3	4,271,438	4,143,587	4.53	4.67	93.0	W

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Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 2005 - January 2015

Period	Coal						Petroleum Liquids						
	Receipts		Average Cost				Receipts		Average Cost				
	(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	
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	
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	
2015													
January	272	12	W	W	2.97	9.3	0	0	--	--	--	0.0	
Year to Date													
2013	390	17	W	W	2.99	11.2	0	0	--	--	--	0.0	
2014	400	18	W	W	3.06	12.0	0	0	--	--	--	0.0	
2015	272	12	W	W	2.97	9.3	0	0	--	--	--	0.0	
Rolling 12 Months Ending in January													
2014	3,517	152	W	W	3.06	11.2	0	0	--	--	--	0.0	
2015	3,618	157	W	W	2.68	12.0	0	0	--	--	--	0.0	

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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 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 2005 - January 2015 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
	(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
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
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
2015												
January	0	0	--	--	--	0.0	499	491	W	W	4.8	W
Year to Date												
2013	0	0	--	--	--	0.0	330	327	W	W	3.4	W
2014	0	0	--	--	--	0.0	405	400	W	W	3.7	W
2015	0	0	--	--	--	0.0	499	491	W	W	4.8	W
Rolling 12 Months Ending in January												
2014	0	0	--	--	--	0.0	5,572	5,524	W	W	4.6	W
2015	0	0	--	--	--	0.0	5,860	5,803	W	W	5.2	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 - January 2015

Period	Coal						Petroleum Liquids						
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)			
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	
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	966	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	
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	
2015													
January	17,813	775	W	W	1.59	46.0	159	26	12.53	76.07	2.04	6.3	
Year to Date													
2013	22,923	1,071	W	W	1.23	60.6	330	53	18.32	113.35	1.58	20.1	
2014	16,877	750	W	W	1.49	40.3	310	50	19.16	117.73	1.34	7.7	
2015	17,813	775	W	W	1.59	46.0	159	26	12.53	76.07	2.04	6.3	
Rolling 12 Months Ending in January													
2014	269,497	12,407	W	W	1.33	62.5	2,411	391	W	W	1.38	13.6	
2015	203,975	9,001	W	W	1.55	45.7	1,786	291	W	W	1.59	11.1	

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

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.

Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.

See the Technical Notes for fuel conversion factors.

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

Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2005 - January 2015 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
	(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
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	5.88	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
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
2015												
January	788	29	W	W	5.74	19.4	58,372	56,448	W	W	56.0	W
Year to Date												
2013	1,844	67	2.30	63.72	6.13	34.8	61,781	60,209	W	W	60.2	W
2014	219	8	W	W	6.07	5.3	63,493	61,584	W	W	59.7	W
2015	788	29	W	W	5.74	19.4	58,372	56,448	W	W	56.0	W
Rolling 12 Months Ending in January												
2014	15,611	564	W	W	5.78	28.2	752,659	730,209	W	W	62.2	W
2015	7,689	275	W	W	5.87	15.7	709,437	686,466	W	W	61.5	W

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	287	240	20.0%	100	34	182	200	0	0	6	6
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	15	16	-6.4%	0	0	9	9	0	0	6	6
Massachusetts	173	190	-9.0%	0	0	173	190	0	0	0	0
New Hampshire	100	34	194.0%	100	34	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	2,804	3,119	-10.0%	0	0	2,758	3,082	0	0	46	38
New Jersey	112	85	31.0%	0	0	112	85	0	0	0	0
New York	88	234	-62.0%	0	0	55	210	0	0	33	24
Pennsylvania	2,605	2,800	-7.0%	0	0	2,591	2,786	0	0	13	14
East North Central	16,270	14,436	13.0%	10,132	8,613	5,891	5,580	1	4	246	239
Illinois	5,890	5,432	8.4%	520	449	5,189	4,821	0	0	182	163
Indiana	3,572	2,870	24.0%	3,334	2,663	238	207	0	0	0	0
Michigan	1,700	1,506	13.0%	1,662	1,459	29	32	1	4	7	11
Ohio	3,131	3,011	4.0%	2,672	2,465	435	520	0	0	24	26
Wisconsin	1,978	1,617	22.0%	1,944	1,577	0	0	0	0	33	39
West North Central	12,935	11,876	8.9%	12,825	11,734	0	0	11	13	99	128
Iowa	1,650	1,626	1.5%	1,553	1,498	0	0	0	0	97	128
Kansas	1,560	1,780	-12.0%	1,560	1,780	0	0	0	0	0	0
Minnesota	1,850	1,079	72.0%	1,848	1,079	0	0	0	0	2	0
Missouri	4,368	3,673	19.0%	4,357	3,660	0	0	11	13	0	0
Nebraska	1,158	1,290	-10.0%	1,158	1,290	0	0	0	0	0	0
North Dakota	2,136	2,277	-6.2%	2,136	2,277	0	0	0	0	0	0
South Dakota	212	151	41.0%	212	151	0	0	0	0	0	0
South Atlantic	10,297	8,146	26.0%	8,398	6,154	1,734	1,846	0	0	166	146
Delaware	35	47	-25.0%	0	0	35	47	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,554	1,581	-1.7%	1,554	1,568	0	13	0	0	0	0
Georgia	1,777	1,067	67.0%	1,740	1,035	0	0	0	0	36	31
Maryland	619	683	-9.3%	0	0	583	644	0	0	36	39
North Carolina	1,608	872	84.0%	1,608	872	0	0	0	0	0	0
South Carolina	1,086	695	56.0%	1,070	683	0	0	0	0	16	12
Virginia	800	843	-5.1%	690	759	77	53	0	0	32	30
West Virginia	2,819	2,359	20.0%	1,736	1,236	1,038	1,089	0	0	45	33
East South Central	7,223	6,778	6.6%	6,775	6,365	317	274	0	0	132	139
Alabama	1,765	1,870	-5.6%	1,765	1,870	0	0	0	0	0	0
Kentucky	3,873	2,862	35.0%	3,873	2,862	0	0	0	0	0	0
Mississippi	547	421	30.0%	230	148	317	274	0	0	0	0
Tennessee	1,038	1,625	-36.0%	906	1,486	0	0	0	0	132	139
West South Central	13,259	13,227	0.2%	7,360	6,712	5,892	6,516	0	0	6	0
Arkansas	1,599	1,701	-6.0%	1,431	1,505	161	196	0	0	6	0
Louisiana	1,238	897	38.0%	610	362	628	535	0	0	0	0
Oklahoma	1,921	1,861	3.2%	1,815	1,768	106	93	0	0	0	0
Texas	8,501	8,768	-3.0%	3,504	3,077	4,997	5,691	0	0	0	0
Mountain	8,842	8,994	-1.7%	7,950	8,184	892	811	0	0	0	0
Arizona	2,035	2,094	-2.8%	2,035	2,094	0	0	0	0	0	0
Colorado	1,584	1,695	-6.5%	1,584	1,695	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	848	735	15.0%	0	0	848	735	0	0	0	0
Nevada	160	269	-41.0%	115	193	44	76	0	0	0	0
New Mexico	976	838	16.0%	976	838	0	0	0	0	0	0
Utah	1,046	948	10.0%	1,046	948	0	0	0	0	0	0
Wyoming	2,193	2,416	-9.2%	2,193	2,416	0	0	0	0	0	0
Pacific Contiguous	746	901	-17.0%	160	166	512	680	0	0	74	55
California	74	55	36.0%	0	0	0	0	0	0	74	55
Oregon	160	166	-3.4%	160	166	0	0	0	0	0	0
Washington	512	680	-25.0%	0	0	512	680	0	0	0	0
Pacific Noncontiguous	57	62	-8.6%	0	0	57	62	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	57	62	-8.6%	0	0	57	62	0	0	0	0
U.S. Total	72,721	67,779	7.3%	53,698	47,962	18,235	19,050	12	18	775	750

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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) January 2015 and 2014
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Power Producers				Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	287	240	20.0%	100	34	182	200	0	0	6	6
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	15	16	-6.4%	0	0	9	9	0	0	6	6
Massachusetts	173	190	-9.0%	0	0	173	190	0	0	0	0
New Hampshire	100	34	194.0%	100	34	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	2,804	3,119	-10.0%	0	0	2,758	3,082	0	0	46	38
New Jersey	112	85	31.0%	0	0	112	85	0	0	0	0
New York	88	234	-62.0%	0	0	55	210	0	0	33	24
Pennsylvania	2,605	2,800	-7.0%	0	0	2,591	2,786	0	0	13	14
East North Central	16,270	14,436	13.0%	10,132	8,613	5,891	5,580	1	4	246	239
Illinois	5,890	5,432	8.4%	520	449	5,189	4,821	0	0	182	163
Indiana	3,572	2,870	24.0%	3,334	2,663	238	207	0	0	0	0
Michigan	1,700	1,506	13.0%	1,662	1,459	29	32	1	4	7	11
Ohio	3,131	3,011	4.0%	2,672	2,465	435	520	0	0	24	26
Wisconsin	1,978	1,617	22.0%	1,944	1,577	0	0	0	0	33	39
West North Central	12,935	11,876	8.9%	12,825	11,734	0	0	11	13	99	128
Iowa	1,650	1,626	1.5%	1,553	1,498	0	0	0	0	97	128
Kansas	1,560	1,780	-12.0%	1,560	1,780	0	0	0	0	0	0
Minnesota	1,850	1,079	72.0%	1,848	1,079	0	0	0	0	2	0
Missouri	4,368	3,673	19.0%	4,357	3,660	0	0	11	13	0	0
Nebraska	1,158	1,290	-10.0%	1,158	1,290	0	0	0	0	0	0
North Dakota	2,136	2,277	-6.2%	2,136	2,277	0	0	0	0	0	0
South Dakota	212	151	41.0%	212	151	0	0	0	0	0	0
South Atlantic	10,297	8,146	26.0%	8,398	6,154	1,734	1,846	0	0	166	146
Delaware	35	47	-25.0%	0	0	35	47	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,554	1,581	-1.7%	1,554	1,568	0	13	0	0	0	0
Georgia	1,777	1,067	67.0%	1,740	1,035	0	0	0	0	36	31
Maryland	619	683	-9.3%	0	0	583	644	0	0	36	39
North Carolina	1,608	872	84.0%	1,608	872	0	0	0	0	0	0
South Carolina	1,086	695	56.0%	1,070	683	0	0	0	0	16	12
Virginia	800	843	-5.1%	690	759	77	53	0	0	32	30
West Virginia	2,819	2,359	20.0%	1,736	1,236	1,038	1,089	0	0	45	33
East South Central	7,223	6,778	6.6%	6,775	6,365	317	274	0	0	132	139
Alabama	1,765	1,870	-5.6%	1,765	1,870	0	0	0	0	0	0
Kentucky	3,873	2,862	35.0%	3,873	2,862	0	0	0	0	0	0
Mississippi	547	421	30.0%	230	148	317	274	0	0	0	0
Tennessee	1,038	1,625	-36.0%	906	1,486	0	0	0	0	132	139
West South Central	13,259	13,227	0.2%	7,360	6,712	5,892	6,516	0	0	6	0
Arkansas	1,599	1,701	-6.0%	1,431	1,505	161	196	0	0	6	0
Louisiana	1,238	897	38.0%	610	362	628	535	0	0	0	0
Oklahoma	1,921	1,861	3.2%	1,815	1,768	106	93	0	0	0	0
Texas	8,501	8,768	-3.0%	3,504	3,077	4,997	5,691	0	0	0	0
Mountain	8,842	8,994	-1.7%	7,950	8,184	892	811	0	0	0	0
Arizona	2,035	2,094	-2.8%	2,035	2,094	0	0	0	0	0	0
Colorado	1,584	1,695	-6.5%	1,584	1,695	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	848	735	15.0%	0	0	848	735	0	0	0	0
Nevada	160	269	-41.0%	115	193	44	76	0	0	0	0
New Mexico	976	838	16.0%	976	838	0	0	0	0	0	0
Utah	1,046	948	10.0%	1,046	948	0	0	0	0	0	0
Wyoming	2,193	2,416	-9.2%	2,193	2,416	0	0	0	0	0	0
Pacific Contiguous	746	901	-17.0%	160	166	512	680	0	0	74	55
California	74	55	36.0%	0	0	0	0	0	0	74	55
Oregon	160	166	-3.4%	160	166	0	0	0	0	0	0
Washington	512	680	-25.0%	0	0	512	680	0	0	0	0
Pacific Noncontiguous	57	62	-8.6%	0	0	57	62	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	57	62	-8.6%	0	0	57	62	0	0	0	0
U.S. Total	72,721	67,779	7.3%	53,698	47,962	18,235	19,050	12	18	775	750

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

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

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	69	441	-84.0%	2	2	67	429	0	0	0	10
Connecticut	6	54	-90.0%	0	0	6	54	0	0	0	0
Maine	5	14	-66.0%	0	0	5	4	0	0	0	10
Massachusetts	57	216	-74.0%	0	0	57	216	0	0	0	0
New Hampshire	2	105	-98.0%	2	2	0	103	0	0	0	0
Rhode Island	0	52	-100.0%	0	0	0	52	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	678	1,300	-48.0%	380	66	298	1,233	0	0	0	2
New Jersey	10	146	-93.0%	0	0	10	146	0	0	0	0
New York	559	855	-35.0%	380	66	179	788	0	0	0	1
Pennsylvania	110	299	-63.0%	0	0	110	299	0	0	0	1
East North Central	160	310	-48.0%	111	127	43	178	0	0	6	5
Illinois	8	39	-80.0%	2	4	6	35	0	0	0	0
Indiana	41	24	67.0%	41	24	0	0	0	0	0	0
Michigan	12	26	-52.0%	12	25	0	0	0	0	0	0
Ohio	83	188	-56.0%	41	40	37	143	0	0	5	4
Wisconsin	16	34	-53.0%	15	33	0	0	0	0	0	1
West North Central	48	72	-33.0%	48	72	0	0	0	0	0	0
Iowa	6	11	-49.0%	6	11	0	0	0	0	0	0
Kansas	10	9	3.0%	10	9	0	0	0	0	0	0
Minnesota	1	18	-93.0%	1	18	0	0	0	0	0	0
Missouri	22	19	11.0%	22	19	0	0	0	0	0	0
Nebraska	0	6	-100.0%	0	6	0	0	0	0	0	0
North Dakota	4	8	-52.0%	4	8	0	0	0	0	0	0
South Dakota	6	1	509.0%	6	1	0	0	0	0	0	0
South Atlantic	365	1,528	-76.0%	203	1,048	141	447	0	0	20	33
Delaware	52	5	868.0%	0	0	52	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	8	24	-67.0%	8	23	0	2	0	0	0	0
Georgia	74	146	-49.0%	25	80	39	47	0	0	10	19
Maryland	33	314	-89.0%	0	0	33	314	0	0	0	0
North Carolina	94	255	-63.0%	82	244	12	11	0	0	0	0
South Carolina	45	194	-77.0%	38	189	0	0	0	0	7	4
Virginia	44	550	-92.0%	36	485	5	56	0	0	3	10
West Virginia	14	39	-64.0%	14	28	0	12	0	0	0	0
East South Central	107	92	17.0%	100	70	7	22	0	0	0	0
Alabama	29	48	-39.0%	22	26	7	22	0	0	0	0
Kentucky	16	16	0.7%	16	16	0	0	0	0	0	0
Mississippi	2	0	--	2	0	0	0	0	0	0	0
Tennessee	59	28	116.0%	59	28	0	0	0	0	0	0
West South Central	52	18	184.0%	38	8	14	10	0	0	0	0
Arkansas	5	2	178.0%	0	1	5	1	0	0	0	0
Louisiana	41	3	NM	34	0	7	3	0	0	0	0
Oklahoma	0	0	-100.0%	0	0	0	0	0	0	0	0
Texas	7	13	-49.0%	4	7	3	6	0	0	0	0
Mountain	45	42	8.1%	45	41	0	1	0	0	0	0
Arizona	13	7	101.0%	13	7	0	0	0	0	0	0
Colorado	5	0	NM	5	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	1	-100.0%	0	0	0	1	0	0	0	0
Nevada	3	1	191.0%	3	1	0	0	0	0	0	0
New Mexico	12	11	12.0%	12	11	0	0	0	0	0	0
Utah	2	8	-71.0%	2	8	0	0	0	0	0	0
Wyoming	9	14	-37.0%	9	14	0	0	0	0	0	0
Pacific Contiguous	0	1	-100.0%	0	0	0	1	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	1	-100.0%	0	0	0	1	0	0	0	0
Pacific Noncontiguous	665	694	-4.1%	534	583	132	111	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	665	694	-4.1%	534	583	132	111	0	0	0	0
U.S. Total	2,190	4,499	-51.0%	1,461	2,017	703	2,432	0	0	26	50

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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) January 2015 and 2014
(Thousand Barrels)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Power Producers				Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	Electric Utilities January 2015 YTD	Electric Utilities January 2014 YTD	Independent Power Producers January 2015 YTD	Independent Power Producers January 2014 YTD	Commercial Sector January 2015 YTD	Commercial Sector January 2014 YTD	Industrial Sector January 2015 YTD	Industrial Sector January 2014 YTD
New England	69	441	-84.0%	2	2	67	429	0	0	0	10
Connecticut	6	54	-90.0%	0	0	6	54	0	0	0	0
Maine	5	14	-66.0%	0	0	5	4	0	0	0	10
Massachusetts	57	216	-74.0%	0	0	57	216	0	0	0	0
New Hampshire	2	105	-98.0%	2	2	0	103	0	0	0	0
Rhode Island	0	52	-100.0%	0	0	0	52	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	678	1,300	-48.0%	380	66	298	1,233	0	0	0	2
New Jersey	10	146	-93.0%	0	0	10	146	0	0	0	0
New York	559	855	-35.0%	380	66	179	788	0	0	0	1
Pennsylvania	110	299	-63.0%	0	0	110	299	0	0	0	1
East North Central	160	310	-48.0%	111	127	43	178	0	0	6	5
Illinois	8	39	-80.0%	2	4	6	35	0	0	0	0
Indiana	41	24	67.0%	41	24	0	0	0	0	0	0
Michigan	12	26	-52.0%	12	25	0	0	0	0	0	0
Ohio	83	188	-56.0%	41	40	37	143	0	0	5	4
Wisconsin	16	34	-53.0%	15	33	0	0	0	0	0	1
West North Central	48	72	-33.0%	48	72	0	0	0	0	0	0
Iowa	6	11	-49.0%	6	11	0	0	0	0	0	0
Kansas	10	9	3.0%	10	9	0	0	0	0	0	0
Minnesota	1	18	-93.0%	1	18	0	0	0	0	0	0
Missouri	22	19	11.0%	22	19	0	0	0	0	0	0
Nebraska	0	6	-100.0%	0	6	0	0	0	0	0	0
North Dakota	4	8	-52.0%	4	8	0	0	0	0	0	0
South Dakota	6	1	509.0%	6	1	0	0	0	0	0	0
South Atlantic	365	1,528	-76.0%	203	1,048	141	447	0	0	20	33
Delaware	52	5	868.0%	0	0	52	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	8	24	-67.0%	8	23	0	2	0	0	0	0
Georgia	74	146	-49.0%	25	80	39	47	0	0	10	19
Maryland	33	314	-89.0%	0	0	33	314	0	0	0	0
North Carolina	94	255	-63.0%	82	244	12	11	0	0	0	0
South Carolina	45	194	-77.0%	38	189	0	0	0	0	7	4
Virginia	44	550	-92.0%	36	485	5	56	0	0	3	10
West Virginia	14	39	-64.0%	14	28	0	12	0	0	0	0
East South Central	107	92	17.0%	100	70	7	22	0	0	0	0
Alabama	29	48	-39.0%	22	26	7	22	0	0	0	0
Kentucky	16	16	0.7%	16	16	0	0	0	0	0	0
Mississippi	2	0	--	2	0	0	0	0	0	0	0
Tennessee	59	28	116.0%	59	28	0	0	0	0	0	0
West South Central	52	18	184.0%	38	8	14	10	0	0	0	0
Arkansas	5	2	178.0%	0	1	5	1	0	0	0	0
Louisiana	41	3	NM	34	0	7	3	0	0	0	0
Oklahoma	0	0	-100.0%	0	0	0	0	0	0	0	0
Texas	7	13	-49.0%	4	7	3	6	0	0	0	0
Mountain	45	42	8.1%	45	41	0	1	0	0	0	0
Arizona	13	7	101.0%	13	7	0	0	0	0	0	0
Colorado	5	0	NM	5	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	1	-100.0%	0	0	0	1	0	0	0	0
Nevada	3	1	191.0%	3	1	0	0	0	0	0	0
New Mexico	12	11	12.0%	12	11	0	0	0	0	0	0
Utah	2	8	-71.0%	2	8	0	0	0	0	0	0
Wyoming	9	14	-37.0%	9	14	0	0	0	0	0	0
Pacific Contiguous	0	1	-100.0%	0	0	0	1	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	1	-100.0%	0	0	0	1	0	0	0	0
Pacific Noncontiguous	665	694	-4.1%	534	583	132	111	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	665	694	-4.1%	534	583	132	111	0	0	0	0
U.S. Total	2,190	4,499	-51.0%	1,461	2,017	703	2,432	0	0	26	50

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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, January 2015 and 2014
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 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	124	126	-1.6%	66	85	52	33	0	0	6	7
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	41	49	-16.0%	41	49	0	0	0	0	0	0
Michigan	27	35	-22.0%	25	33	2	2	0	0	0	0
Ohio	49	31	57.0%	0	0	49	31	0	0	0	0
Wisconsin	6	10	-38.0%	0	3	0	0	0	0	6	7
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	162	66	147.0%	139	65	0	0	0	0	22	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	139	65	113.0%	139	65	0	0	0	0	0	0
Georgia	22	0	NM	0	0	0	0	0	0	22	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	21	20	5.4%	21	20	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	21	20	5.4%	21	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	177	138	28.0%	177	138	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	177	138	28.0%	177	138	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	484	350	38.0%	404	309	52	33	0	0	29	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.
 NM = Not meaningful due to large relative standard error or excessive percentage change.
 W = Withheld to avoid disclosure of individual company data.

Notes:

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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) January 2015 and 2014
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	Electric Utilities January 2015 YTD	Electric Utilities January 2014 YTD	Independent Power Producers January 2015 YTD	Independent Power Producers January 2014 YTD	Commercial Sector January 2015 YTD	Commercial Sector January 2014 YTD	Industrial Sector January 2015 YTD	Industrial Sector January 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	124	126	-1.6%	66	85	52	33	0	0	6	7
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	41	49	-16.0%	41	49	0	0	0	0	0	0
Michigan	27	35	-22.0%	25	33	2	2	0	0	0	0
Ohio	49	31	57.0%	0	0	49	31	0	0	0	0
Wisconsin	6	10	-38.0%	0	3	0	0	0	0	6	7
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	162	66	147.0%	139	65	0	0	0	0	22	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	139	65	113.0%	139	65	0	0	0	0	0	0
Georgia	22	0	NM	0	0	0	0	0	0	22	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	21	20	5.4%	21	20	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	21	20	5.4%	21	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	177	138	28.0%	177	138	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	177	138	28.0%	177	138	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	484	350	38.0%	404	309	52	33	0	0	29	8

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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, January 2015 and 2014
(Million Cubic Feet)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	24,772	19,165	29.0%	20	97	24,736	18,693	0	0	17	375
Connecticut	10,433	5,824	79.0%	0	0	10,433	5,824	0	0	0	0
Maine	1,913	2,987	-36.0%	0	0	1,896	2,612	0	0	17	375
Massachusetts	6,603	7,230	-8.7%	19	96	6,584	7,134	0	0	0	0
New Hampshire	3,636	582	525.0%	1	1	3,636	581	0	0	0	0
Rhode Island	2,187	2,542	-14.0%	0	0	2,187	2,542	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	79,841	69,353	15.0%	8,689	7,050	70,946	62,127	0	0	206	176
New Jersey	17,896	14,308	25.0%	0	0	17,896	14,308	0	0	0	0
New York	31,093	28,944	7.4%	8,689	7,050	22,329	21,815	0	0	75	80
Pennsylvania	30,851	26,101	18.0%	0	0	30,720	26,005	0	0	131	96
East North Central	53,545	46,366	15.0%	21,520	18,474	31,078	27,253	487	396	460	243
Illinois	5,192	4,327	20.0%	122	175	5,066	4,146	0	0	5	6
Indiana	10,631	9,903	7.4%	8,147	7,230	2,483	2,673	0	0	0	0
Michigan	10,615	11,740	-9.8%	2,919	2,857	7,004	8,463	487	396	206	23
Ohio	19,120	15,907	20.0%	6,649	6,283	12,409	9,585	0	0	62	39
Wisconsin	7,987	4,489	78.0%	3,683	1,929	4,117	2,386	0	0	187	174
West North Central	6,519	8,512	-23.0%	6,001	7,574	459	916	4	4	55	18
Iowa	638	1,300	-51.0%	636	1,300	0	0	0	0	2	0
Kansas	472	1,109	-57.0%	472	1,109	0	0	0	0	0	0
Minnesota	2,424	2,894	-16.0%	2,081	2,027	290	849	0	0	53	18
Missouri	2,361	2,876	-18.0%	2,187	2,806	169	67	4	4	0	0
Nebraska	166	81	105.0%	166	81	0	0	0	0	0	0
North Dakota	2	0	--	2	0	0	0	0	0	0	0
South Dakota	456	251	82.0%	456	251	0	0	0	0	0	0
South Atlantic	160,858	142,205	13.0%	130,938	115,060	27,166	25,282	0	0	2,755	1,864
Delaware	4,050	2,751	47.0%	0	0	2,817	1,880	0	0	1,232	871
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	78,093	76,100	2.6%	76,123	72,333	1,971	3,767	0	0	0	0
Georgia	30,040	22,574	33.0%	20,380	16,581	8,967	5,386	0	0	693	607
Maryland	939	855	9.8%	0	0	927	819	0	0	13	36
North Carolina	21,638	17,806	22.0%	14,810	12,245	6,828	5,561	0	0	0	0
South Carolina	7,131	6,960	2.5%	6,560	6,373	491	539	0	0	80	47
Virginia	18,731	14,083	33.0%	13,019	6,760	4,975	7,020	0	0	737	303
West Virginia	235	1,077	-78.0%	46	768	189	309	0	0	0	0
East South Central	68,167	68,424	-0.4%	37,609	42,481	29,979	25,881	0	0	578	62
Alabama	33,786	29,550	14.0%	9,268	8,965	24,518	20,585	0	0	0	0
Kentucky	2,427	6,397	-62.0%	2,251	6,025	176	372	0	0	0	0
Mississippi	26,621	26,194	1.6%	21,335	21,271	5,285	4,923	0	0	0	0
Tennessee	5,333	6,283	-15.0%	4,755	6,221	0	0	0	0	578	62
West South Central	229,917	214,970	7.0%	53,227	53,875	126,954	106,246	0	0	49,736	54,849
Arkansas	10,030	7,446	35.0%	1,661	634	7,976	6,812	0	0	393	0
Louisiana	39,906	44,040	-9.4%	17,473	16,112	6,502	9,478	0	0	15,931	18,450
Oklahoma	20,702	20,464	1.2%	14,419	16,253	6,284	4,210	0	0	0	0
Texas	159,279	143,020	11.0%	19,675	20,876	106,192	85,745	0	0	33,412	36,399
Mountain	39,284	38,087	3.1%	27,574	25,858	11,694	12,179	0	0	16	49
Arizona	9,755	10,567	-7.7%	4,019	4,412	5,736	6,155	0	0	0	0
Colorado	6,149	6,051	1.6%	3,460	3,792	2,689	2,259	0	0	0	0
Idaho	2,157	2,574	-16.0%	1,412	1,418	745	1,156	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	11,592	9,652	20.0%	11,191	8,969	401	683	0	0	0	0
New Mexico	5,940	5,073	17.0%	3,842	3,156	2,098	1,918	0	0	0	0
Utah	3,679	4,159	-12.0%	3,638	4,102	25	8	0	0	16	49
Wyoming	11	10	11.0%	11	10	0	0	0	0	0	0
Pacific Contiguous	65,882	82,527	-20.0%	27,089	29,567	36,168	49,012	0	0	2,625	3,948
California	53,997	63,250	-15.0%	19,786	17,863	31,586	41,439	0	0	2,625	3,948
Oregon	8,230	11,382	-28.0%	3,648	4,673	4,582	6,709	0	0	0	0
Washington	3,655	7,895	-54.0%	3,655	7,031	0	864	0	0	0	0
Pacific Noncontiguous	1,908	1,867	2.2%	1,908	1,867	0	0	0	0	0	0
Alaska	1,908	1,867	2.2%	1,908	1,867	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	730,694	691,475	5.7%	314,575	301,902	359,180	327,589	491	400	56,448	61,584

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

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

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

Census Division and State	Electric Power Sector										
	All Sectors			Electric Power Producers				Commercial Sector		Industrial Sector	
	January 2015 YTD	January 2014 YTD	Percentage Change	Electric Utilities January 2015 YTD	Independent Power Producers January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	24,772	19,165	29.0%	20	97	24,736	18,693	0	0	17	375
Connecticut	10,433	5,824	79.0%	0	0	10,433	5,824	0	0	0	0
Maine	1,913	2,987	-36.0%	0	0	1,896	2,612	0	0	17	375
Massachusetts	6,603	7,230	-8.7%	19	96	6,584	7,134	0	0	0	0
New Hampshire	3,636	582	525.0%	1	1	3,636	581	0	0	0	0
Rhode Island	2,187	2,542	-14.0%	0	0	2,187	2,542	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	79,841	69,353	15.0%	8,689	7,050	70,946	62,127	0	0	206	176
New Jersey	17,896	14,308	25.0%	0	0	17,896	14,308	0	0	0	0
New York	31,093	28,944	7.4%	8,689	7,050	22,329	21,815	0	0	75	80
Pennsylvania	30,851	26,101	18.0%	0	0	30,720	26,005	0	0	131	96
East North Central	53,545	46,366	15.0%	21,520	18,474	31,078	27,253	487	396	460	243
Illinois	5,192	4,327	20.0%	122	175	5,066	4,146	0	0	5	6
Indiana	10,631	9,903	7.4%	8,147	7,230	2,483	2,673	0	0	0	0
Michigan	10,615	11,740	-9.8%	2,919	2,857	7,004	8,463	487	396	206	23
Ohio	19,120	15,907	20.0%	6,649	6,283	12,409	9,585	0	0	62	39
Wisconsin	7,987	4,489	78.0%	3,683	1,929	4,117	2,386	0	0	187	174
West North Central	6,519	8,512	-23.0%	6,001	7,574	459	916	4	4	55	18
Iowa	638	1,300	-51.0%	636	1,300	0	0	0	0	2	0
Kansas	472	1,109	-57.0%	472	1,109	0	0	0	0	0	0
Minnesota	2,424	2,894	-16.0%	2,081	2,027	290	849	0	0	53	18
Missouri	2,361	2,876	-18.0%	2,187	2,806	169	67	4	4	0	0
Nebraska	166	81	105.0%	166	81	0	0	0	0	0	0
North Dakota	2	0	--	2	0	0	0	0	0	0	0
South Dakota	456	251	82.0%	456	251	0	0	0	0	0	0
South Atlantic	160,858	142,205	13.0%	130,938	115,060	27,166	25,282	0	0	2,755	1,864
Delaware	4,050	2,751	47.0%	0	0	2,817	1,880	0	0	1,232	871
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	78,093	76,100	2.6%	76,123	72,333	1,971	3,767	0	0	0	0
Georgia	30,040	22,574	33.0%	20,380	16,581	8,967	5,386	0	0	693	607
Maryland	939	855	9.8%	0	0	927	819	0	0	13	36
North Carolina	21,638	17,806	22.0%	14,810	12,245	6,828	5,561	0	0	0	0
South Carolina	7,131	6,960	2.5%	6,560	6,373	491	539	0	0	80	47
Virginia	18,731	14,083	33.0%	13,019	6,760	4,975	7,020	0	0	737	303
West Virginia	235	1,077	-78.0%	46	768	189	309	0	0	0	0
East South Central	68,167	68,424	-0.4%	37,609	42,481	29,979	25,881	0	0	578	62
Alabama	33,786	29,550	14.0%	9,268	8,965	24,518	20,585	0	0	0	0
Kentucky	2,427	6,397	-62.0%	2,251	6,025	176	372	0	0	0	0
Mississippi	26,621	26,194	1.6%	21,335	21,271	5,285	4,923	0	0	0	0
Tennessee	5,333	6,283	-15.0%	4,755	6,221	0	0	0	0	578	62
West South Central	229,917	214,970	7.0%	53,227	53,875	126,954	106,246	0	0	49,736	54,849
Arkansas	10,030	7,446	35.0%	1,661	634	7,976	6,812	0	0	393	0
Louisiana	39,906	44,040	-9.4%	17,473	16,112	6,502	9,478	0	0	15,931	18,450
Oklahoma	20,702	20,464	1.2%	14,419	16,253	6,284	4,210	0	0	0	0
Texas	159,279	143,020	11.0%	19,675	20,876	106,192	85,745	0	0	33,412	36,399
Mountain	39,284	38,087	3.1%	27,574	25,858	11,694	12,179	0	0	16	49
Arizona	9,755	10,567	-7.7%	4,019	4,412	5,736	6,155	0	0	0	0
Colorado	6,149	6,051	1.6%	3,460	3,792	2,689	2,259	0	0	0	0
Idaho	2,157	2,574	-16.0%	1,412	1,418	745	1,156	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	11,592	9,652	20.0%	11,191	8,969	401	683	0	0	0	0
New Mexico	5,940	5,073	17.0%	3,842	3,156	2,098	1,918	0	0	0	0
Utah	3,679	4,159	-12.0%	3,638	4,102	25	8	0	0	16	49
Wyoming	11	10	11.0%	11	10	0	0	0	0	0	0
Pacific Contiguous	65,882	82,527	-20.0%	27,089	29,567	36,168	49,012	0	0	2,625	3,948
California	53,997	63,250	-15.0%	19,786	17,863	31,586	41,439	0	0	2,625	3,948
Oregon	8,230	11,382	-28.0%	3,648	4,673	4,582	6,709	0	0	0	0
Washington	3,655	7,895	-54.0%	3,655	7,031	0	864	0	0	0	0
Pacific Noncontiguous	1,908	1,867	2.2%	1,908	1,867	0	0	0	0	0	0
Alaska	1,908	1,867	2.2%	1,908	1,867	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	730,694	691,475	5.7%	314,575	301,902	359,180	327,589	491	400	56,448	61,584

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

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

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

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014
New England	W	W	W	3.67	4.58	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	3.67	4.58	-20.0%	3.67	4.58	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.56	2.93	-13.0%	--	--	2.56	2.93
New Jersey	4.10	3.84	6.8%	--	--	4.10	3.84
New York	3.12	3.09	1.0%	--	--	3.12	3.09
Pennsylvania	2.48	2.89	-14.0%	--	--	2.48	2.89
East North Central	2.24	2.25	-0.4%	2.34	2.39	2.03	2.00
Illinois	1.98	1.91	3.7%	2.08	2.07	1.97	1.89
Indiana	W	W	W	2.41	2.54	W	W
Michigan	W	W	W	2.53	2.65	W	W
Ohio	W	W	W	2.21	2.28	W	W
Wisconsin	2.34	2.18	7.3%	2.34	2.18	--	--
West North Central	1.80	1.74	3.4%	1.80	1.74	--	--
Iowa	1.71	1.63	4.9%	1.71	1.63	--	--
Kansas	1.77	1.74	1.7%	1.77	1.74	--	--
Minnesota	2.02	1.93	4.7%	2.02	1.93	--	--
Missouri	1.97	1.97	0.0%	1.97	1.97	--	--
Nebraska	1.39	1.37	1.5%	1.39	1.37	--	--
North Dakota	1.44	1.48	-2.7%	1.44	1.48	--	--
South Dakota	2.14	2.20	-2.7%	2.14	2.20	--	--
South Atlantic	3.01	3.04	-1.0%	3.11	3.20	2.55	2.54
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	3.17	W	W	3.17	3.29	--	W
Georgia	3.00	3.00	0.0%	3.00	3.00	--	--
Maryland	3.01	2.89	4.2%	--	--	3.01	2.89
North Carolina	3.54	3.76	-5.9%	3.54	3.76	--	--
South Carolina	3.61	3.63	-0.6%	3.61	3.63	--	--
Virginia	W	W	W	3.09	3.11	W	W
West Virginia	2.34	2.44	-4.1%	2.43	2.64	2.19	2.21
East South Central	W	W	W	2.37	2.48	W	W
Alabama	2.44	2.63	-7.2%	2.44	2.63	--	--
Kentucky	2.28	2.37	-3.8%	2.28	2.37	--	--
Mississippi	W	W	W	3.29	3.71	W	W
Tennessee	2.41	2.37	1.7%	2.41	2.37	--	--
West South Central	2.08	2.07	0.5%	2.19	2.21	1.94	1.90
Arkansas	W	W	W	2.33	2.35	W	W
Louisiana	W	W	W	2.16	2.56	W	W
Oklahoma	W	W	W	2.01	1.92	W	W
Texas	2.04	2.02	1.0%	2.22	2.26	1.91	1.87
Mountain	W	W	W	1.92	2.00	W	W
Arizona	2.06	2.10	-1.9%	2.06	2.10	--	--
Colorado	1.84	1.89	-2.6%	1.84	1.89	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.64	2.57	W	W
New Mexico	2.48	2.57	-3.5%	2.48	2.57	--	--
Utah	1.95	2.19	-11.0%	1.95	2.19	--	--
Wyoming	1.53	1.62	-5.6%	1.53	1.62	--	--
Pacific Contiguous	W	W	W	2.45	2.43	W	W
California	--	--	--	--	--	--	--
Oregon	2.45	2.43	0.8%	2.45	2.43	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.28	2.29	-0.4%	2.30	2.31	2.19	2.24

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

**Table 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, (Year-to-Date) January 2015 and 2014
(Dollars per MMBtu)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	W	W	W	3.67	4.58	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	3.67	4.58	-20.0%	3.67	4.58	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.56	2.93	-13.0%	--	--	2.56	2.93
New Jersey	4.10	3.84	6.8%	--	--	4.10	3.84
New York	3.12	3.09	1.0%	--	--	3.12	3.09
Pennsylvania	2.48	2.89	-14.0%	--	--	2.48	2.89
East North Central	2.24	2.25	-0.4%	2.34	2.39	2.03	2.00
Illinois	1.98	1.91	3.7%	2.08	2.07	1.97	1.89
Indiana	W	W	W	2.41	2.54	W	W
Michigan	W	W	W	2.53	2.65	W	W
Ohio	W	W	W	2.21	2.28	W	W
Wisconsin	2.34	2.18	7.3%	2.34	2.18	--	--
West North Central	1.80	1.74	3.4%	1.80	1.74	--	--
Iowa	1.71	1.63	4.9%	1.71	1.63	--	--
Kansas	1.77	1.74	1.7%	1.77	1.74	--	--
Minnesota	2.02	1.93	4.7%	2.02	1.93	--	--
Missouri	1.97	1.97	0.0%	1.97	1.97	--	--
Nebraska	1.39	1.37	1.5%	1.39	1.37	--	--
North Dakota	1.44	1.48	-2.7%	1.44	1.48	--	--
South Dakota	2.14	2.20	-2.7%	2.14	2.20	--	--
South Atlantic	3.01	3.04	-1.0%	3.11	3.20	2.55	2.54
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	3.17	W	W	3.17	3.29	--	W
Georgia	3.00	3.00	0.0%	3.00	3.00	--	--
Maryland	3.01	2.89	4.2%	--	--	3.01	2.89
North Carolina	3.54	3.76	-5.9%	3.54	3.76	--	--
South Carolina	3.61	3.63	-0.6%	3.61	3.63	--	--
Virginia	W	W	W	3.09	3.11	W	W
West Virginia	2.34	2.44	-4.1%	2.43	2.64	2.19	2.21
East South Central	W	W	W	2.37	2.48	W	W
Alabama	2.44	2.63	-7.2%	2.44	2.63	--	--
Kentucky	2.28	2.37	-3.8%	2.28	2.37	--	--
Mississippi	W	W	W	3.29	3.71	W	W
Tennessee	2.41	2.37	1.7%	2.41	2.37	--	--
West South Central	2.08	2.07	0.5%	2.19	2.21	1.94	1.90
Arkansas	W	W	W	2.33	2.35	W	W
Louisiana	W	W	W	2.16	2.56	W	W
Oklahoma	W	W	W	2.01	1.92	W	W
Texas	2.04	2.02	1.0%	2.22	2.26	1.91	1.87
Mountain	W	W	W	1.92	2.00	W	W
Arizona	2.06	2.10	-1.9%	2.06	2.10	--	--
Colorado	1.84	1.89	-2.6%	1.84	1.89	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.64	2.57	W	W
New Mexico	2.48	2.57	-3.5%	2.48	2.57	--	--
Utah	1.95	2.19	-11.0%	1.95	2.19	--	--
Wyoming	1.53	1.62	-5.6%	1.53	1.62	--	--
Pacific Contiguous	W	W	W	2.45	2.43	W	W
California	--	--	--	--	--	--	--
Oregon	2.45	2.43	0.8%	2.45	2.43	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.28	2.29	-0.4%	2.30	2.31	2.19	2.24

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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, January 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014
New England	W	W	W	13.04	23.16	W	W
Connecticut	15.26	W	W	--	--	15.26	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	19.61	W	22.24	--	W	19.61
New Hampshire	12.74	W	W	12.74	23.16	--	W
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	12.85	21.50	-40.0%	9.63	25.07	18.06	21.30
New Jersey	12.66	23.87	-47.0%	--	--	12.66	23.87
New York	12.87	20.70	-38.0%	9.63	25.07	19.82	20.32
Pennsylvania	12.68	22.59	-44.0%	--	--	12.68	22.59
East North Central	13.02	24.04	-46.0%	13.04	22.50	12.96	25.33
Illinois	13.13	W	W	12.46	22.66	13.34	W
Indiana	13.11	22.73	-42.0%	13.11	22.73	--	--
Michigan	11.96	22.09	-46.0%	11.96	22.09	--	--
Ohio	12.61	W	W	12.34	23.31	12.90	W
Wisconsin	15.61	21.67	-28.0%	15.61	21.67	--	--
West North Central	11.51	21.79	-47.0%	11.51	21.79	--	--
Iowa	11.45	21.93	-48.0%	11.45	21.93	--	--
Kansas	11.66	21.78	-46.0%	11.66	21.78	--	--
Minnesota	12.16	20.89	-42.0%	12.16	20.89	--	--
Missouri	11.12	22.10	-50.0%	11.12	22.10	--	--
Nebraska	--	21.95	--	--	21.95	--	--
North Dakota	11.75	22.49	-48.0%	11.75	22.49	--	--
South Dakota	12.44	23.34	-47.0%	12.44	23.34	--	--
South Atlantic	W	22.11	W	13.74	21.87	W	22.68
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	13.99	W	W	13.99	19.31	--	W
Georgia	13.49	W	W	13.93	23.35	13.05	W
Maryland	10.54	22.37	-53.0%	--	--	10.54	22.37
North Carolina	W	W	W	13.44	22.20	W	W
South Carolina	13.59	22.50	-40.0%	13.59	22.50	--	--
Virginia	W	W	W	14.30	21.22	W	W
West Virginia	13.97	W	W	13.97	24.20	--	W
East South Central	W	W	W	12.07	21.70	W	W
Alabama	W	W	W	12.34	21.52	W	W
Kentucky	12.97	22.04	-41.0%	12.97	22.04	--	--
Mississippi	11.30	--	--	11.30	--	--	--
Tennessee	11.76	21.67	-46.0%	11.76	21.67	--	--
West South Central	11.49	20.85	-45.0%	11.60	21.85	11.21	20.01
Arkansas	W	W	W	--	22.32	W	W
Louisiana	W	W	W	11.39	--	W	W
Oklahoma	--	24.05	--	--	24.05	--	--
Texas	W	W	W	13.63	21.73	W	W
Mountain	W	W	W	13.72	23.21	W	W
Arizona	13.65	22.14	-38.0%	13.65	22.14	--	--
Colorado	15.38	24.15	-36.0%	15.38	24.15	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	W	W	--	--	--	W
Nevada	W	24.48	W	18.43	24.48	W	--
New Mexico	12.63	23.56	-46.0%	12.63	23.56	--	--
Utah	10.23	22.05	-54.0%	10.23	22.05	--	--
Wyoming	13.76	23.98	-43.0%	13.76	23.98	--	--
Pacific Contiguous	--	W	W	--	--	--	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	W	W	--	--	--	W
Pacific Noncontiguous	W	W	W	12.32	20.91	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	12.32	20.91	W	W
U.S. Total	12.76	21.90	-42.0%	11.83	21.73	15.13	22.04

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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) January 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	W	W	W	13.04	23.16	W	W
Connecticut	15.26	W	W	--	--	15.26	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	19.61	W	22.24	--	W	19.61
New Hampshire	12.74	W	W	12.74	23.16	--	W
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	12.85	21.50	-40.0%	9.63	25.07	18.06	21.30
New Jersey	12.66	23.87	-47.0%	--	--	12.66	23.87
New York	12.87	20.70	-38.0%	9.63	25.07	19.82	20.32
Pennsylvania	12.68	22.59	-44.0%	--	--	12.68	22.59
East North Central	13.02	24.04	-46.0%	13.04	22.50	12.96	25.33
Illinois	13.13	W	W	12.46	22.66	13.34	W
Indiana	13.11	22.73	-42.0%	13.11	22.73	--	--
Michigan	11.96	22.09	-46.0%	11.96	22.09	--	--
Ohio	12.61	W	W	12.34	23.31	12.90	W
Wisconsin	15.61	21.67	-28.0%	15.61	21.67	--	--
West North Central	11.51	21.79	-47.0%	11.51	21.79	--	--
Iowa	11.45	21.93	-48.0%	11.45	21.93	--	--
Kansas	11.66	21.78	-46.0%	11.66	21.78	--	--
Minnesota	12.16	20.89	-42.0%	12.16	20.89	--	--
Missouri	11.12	22.10	-50.0%	11.12	22.10	--	--
Nebraska	--	21.95	--	--	21.95	--	--
North Dakota	11.75	22.49	-48.0%	11.75	22.49	--	--
South Dakota	12.44	23.34	-47.0%	12.44	23.34	--	--
South Atlantic	W	22.11	W	13.74	21.87	W	22.68
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	13.99	W	W	13.99	19.31	--	W
Georgia	13.49	W	W	13.93	23.35	13.05	W
Maryland	10.54	22.37	-53.0%	--	--	10.54	22.37
North Carolina	W	W	W	13.44	22.20	W	W
South Carolina	13.59	22.50	-40.0%	13.59	22.50	--	--
Virginia	W	W	W	14.30	21.22	W	W
West Virginia	13.97	W	W	13.97	24.20	--	W
East South Central	W	W	W	12.07	21.70	W	W
Alabama	W	W	W	12.34	21.52	W	W
Kentucky	12.97	22.04	-41.0%	12.97	22.04	--	--
Mississippi	11.30	--	--	11.30	--	--	--
Tennessee	11.76	21.67	-46.0%	11.76	21.67	--	--
West South Central	11.49	20.85	-45.0%	11.60	21.85	11.21	20.01
Arkansas	W	W	W	--	22.32	W	W
Louisiana	W	W	W	11.39	--	W	W
Oklahoma	--	24.05	--	--	24.05	--	--
Texas	W	W	W	13.63	21.73	W	W
Mountain	W	W	W	13.72	23.21	W	W
Arizona	13.65	22.14	-38.0%	13.65	22.14	--	--
Colorado	15.38	24.15	-36.0%	15.38	24.15	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	W	W	--	--	--	W
Nevada	W	24.48	W	18.43	24.48	W	--
New Mexico	12.63	23.56	-46.0%	12.63	23.56	--	--
Utah	10.23	22.05	-54.0%	10.23	22.05	--	--
Wyoming	13.76	23.98	-43.0%	13.76	23.98	--	--
Pacific Contiguous	--	W	W	--	--	--	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	W	W	--	--	--	W
Pacific Noncontiguous	W	W	W	12.32	20.91	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	12.32	20.91	W	W
U.S. Total	12.76	21.90	-42.0%	11.83	21.73	15.13	22.04

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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, January 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	W	W	1.10	1.24	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.90	1.07	-16.0%	0.90	1.07	--	--
Michigan	W	W	W	1.45	1.45	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	--	1.88	--	--	1.88	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.39	2.40	-0.4%	2.39	2.40	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.39	2.40	-0.4%	2.39	2.40	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.85	1.84	0.5%	1.85	1.84	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.85	1.84	0.5%	1.85	1.84	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.92	1.83	4.9%	1.92	1.83	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.92	1.83	4.9%	1.92	1.83	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	W	W	W	1.94	1.79	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) January 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 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	1.10	1.24	W	W
Illinois	--	--	--	--	--	--	--
Indiana	0.90	1.07	-16.0%	0.90	1.07	--	--
Michigan	W	W	W	1.45	1.45	W	W
Ohio	W	--	W	--	--	W	--
Wisconsin	--	1.88	--	--	1.88	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.39	2.40	-0.4%	2.39	2.40	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.39	2.40	-0.4%	2.39	2.40	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.85	1.84	0.5%	1.85	1.84	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.85	1.84	0.5%	1.85	1.84	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.92	1.83	4.9%	1.92	1.83	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.92	1.83	4.9%	1.92	1.83	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.00	W	W	1.94	1.79	2.43	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, January 2015 and 2014
(Dollars per MMBtu)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2015	January 2014	Percentage Change	January 2015	January 2014	January 2015	January 2014
New England	10.03	17.74	-43.0%	12.72	17.84	10.02	17.74
Connecticut	8.55	14.67	-42.0%	--	--	8.55	14.67
Maine	W	W	W	--	--	W	W
Massachusetts	11.76	18.00	-35.0%	13.05	17.88	11.76	18.00
New Hampshire	W	W	W	3.41	10.56	W	W
Rhode Island	9.70	22.05	-56.0%	--	--	9.70	22.05
Vermont	--	--	--	--	--	--	--
Middle Atlantic	5.21	15.63	-67.0%	7.63	10.43	4.86	16.30
New Jersey	5.60	14.74	-62.0%	--	--	5.60	14.74
New York	6.07	11.61	-48.0%	7.63	10.43	5.34	12.06
Pennsylvania	4.13	20.30	-80.0%	--	--	4.13	20.30
East North Central	3.26	6.72	-51.0%	3.20	6.13	3.31	7.18
Illinois	W	14.65	W	4.22	12.38	W	14.86
Indiana	W	W	W	3.44	5.93	W	W
Michigan	3.52	7.78	-55.0%	3.36	7.27	3.58	7.97
Ohio	2.79	5.32	-48.0%	2.48	5.89	2.96	4.93
Wisconsin	3.72	W	W	3.84	5.40	3.61	W
West North Central	W	7.31	W	4.33	7.36	W	6.94
Iowa	4.74	12.36	-62.0%	4.74	12.36	--	--
Kansas	5.05	5.98	-16.0%	5.05	5.98	--	--
Minnesota	W	W	W	5.19	7.36	W	W
Missouri	W	W	W	3.56	5.46	W	W
Nebraska	4.26	7.52	-43.0%	4.26	7.52	--	--
North Dakota	2.81	--	--	2.81	--	--	--
South Dakota	2.78	8.23	-66.0%	2.78	8.23	--	--
South Atlantic	4.71	7.51	-37.0%	4.82	7.27	4.05	8.93
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	5.66	W	4.81	5.68	W	4.80
Georgia	W	5.46	W	3.68	5.44	W	5.53
Maryland	6.19	W	W	--	--	6.19	W
North Carolina	W	W	W	5.57	10.96	W	W
South Carolina	W	W	W	4.42	5.72	W	W
Virginia	W	17.15	W	6.01	23.22	W	11.25
West Virginia	2.80	W	W	2.97	5.32	2.76	W
East South Central	3.43	5.12	-33.0%	3.49	5.22	3.34	4.89
Alabama	W	4.81	W	3.32	4.78	W	4.82
Kentucky	W	W	W	5.48	5.85	W	W
Mississippi	W	W	W	3.33	5.06	W	W
Tennessee	3.57	5.82	-39.0%	3.57	5.82	--	--
West South Central	3.20	4.79	-33.0%	3.40	5.00	3.09	4.67
Arkansas	W	W	W	3.94	7.28	W	W
Louisiana	3.23	4.75	-32.0%	3.33	4.92	2.98	4.43
Oklahoma	W	W	W	3.40	5.12	W	W
Texas	3.17	4.72	-33.0%	3.41	4.89	3.11	4.67
Mountain	W	5.22	W	3.96	5.28	W	4.97
Arizona	W	5.71	W	4.66	6.28	W	4.76
Colorado	4.43	W	W	4.43	5.47	4.44	W
Idaho	3.03	W	W	3.03	5.05	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.93	5.15	W	W
New Mexico	3.57	4.83	-26.0%	3.57	4.83	--	--
Utah	W	W	W	3.62	4.77	W	W
Wyoming	5.62	6.92	-19.0%	5.62	6.92	--	--
Pacific Contiguous	3.74	4.99	-25.0%	4.07	5.14	3.37	4.86
California	3.80	5.12	-26.0%	4.13	5.41	3.47	4.93
Oregon	3.19	W	W	3.45	4.32	2.99	W
Washington	4.37	W	W	4.37	5.09	--	W
Pacific Noncontiguous	5.93	4.58	29.0%	5.93	4.58	--	--
Alaska	5.93	4.58	29.0%	5.93	4.58	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	4.16	7.28	-43.0%	4.25	6.20	4.07	8.51

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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) January 2015 and 2014
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	January 2015 YTD	January 2014 YTD	Percentage Change	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	10.03	17.74	-43.0%	12.72	17.84	10.02	17.74
Connecticut	8.55	14.67	-42.0%	--	--	8.55	14.67
Maine	W	W	W	--	--	W	W
Massachusetts	11.76	18.00	-35.0%	13.05	17.88	11.76	18.00
New Hampshire	W	W	W	3.41	10.56	W	W
Rhode Island	9.70	22.05	-56.0%	--	--	9.70	22.05
Vermont	--	--	--	--	--	--	--
Middle Atlantic	5.21	15.63	-67.0%	7.63	10.43	4.86	16.30
New Jersey	5.60	14.74	-62.0%	--	--	5.60	14.74
New York	6.07	11.61	-48.0%	7.63	10.43	5.34	12.06
Pennsylvania	4.13	20.30	-80.0%	--	--	4.13	20.30
East North Central	3.26	6.72	-51.0%	3.20	6.13	3.31	7.18
Illinois	W	14.65	W	4.22	12.38	W	14.86
Indiana	W	W	W	3.44	5.93	W	W
Michigan	3.52	7.78	-55.0%	3.36	7.27	3.58	7.97
Ohio	2.79	5.32	-48.0%	2.48	5.89	2.96	4.93
Wisconsin	3.72	W	W	3.84	5.40	3.61	W
West North Central	W	7.31	W	4.33	7.36	W	6.94
Iowa	4.74	12.36	-62.0%	4.74	12.36	--	--
Kansas	5.05	5.98	-16.0%	5.05	5.98	--	--
Minnesota	W	W	W	5.19	7.36	W	W
Missouri	W	W	W	3.56	5.46	W	W
Nebraska	4.26	7.52	-43.0%	4.26	7.52	--	--
North Dakota	2.81	--	--	2.81	--	--	--
South Dakota	2.78	8.23	-66.0%	2.78	8.23	--	--
South Atlantic	4.71	7.51	-37.0%	4.82	7.27	4.05	8.93
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	5.66	W	4.81	5.68	W	4.80
Georgia	W	5.46	W	3.68	5.44	W	5.53
Maryland	6.19	W	W	--	--	6.19	W
North Carolina	W	W	W	5.57	10.96	W	W
South Carolina	W	W	W	4.42	5.72	W	W
Virginia	W	17.15	W	6.01	23.22	W	11.25
West Virginia	2.80	W	W	2.97	5.32	2.76	W
East South Central	3.43	5.12	-33.0%	3.49	5.22	3.34	4.89
Alabama	W	4.81	W	3.32	4.78	W	4.82
Kentucky	W	W	W	5.48	5.85	W	W
Mississippi	W	W	W	3.33	5.06	W	W
Tennessee	3.57	5.82	-39.0%	3.57	5.82	--	--
West South Central	3.20	4.79	-33.0%	3.40	5.00	3.09	4.67
Arkansas	W	W	W	3.94	7.28	W	W
Louisiana	3.23	4.75	-32.0%	3.33	4.92	2.98	4.43
Oklahoma	W	W	W	3.40	5.12	W	W
Texas	3.17	4.72	-33.0%	3.41	4.89	3.11	4.67
Mountain	W	5.22	W	3.96	5.28	W	4.97
Arizona	W	5.71	W	4.66	6.28	W	4.76
Colorado	4.43	W	W	4.43	5.47	4.44	W
Idaho	3.03	W	W	3.03	5.05	--	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	3.93	5.15	W	W
New Mexico	3.57	4.83	-26.0%	3.57	4.83	--	--
Utah	W	W	W	3.62	4.77	W	W
Wyoming	5.62	6.92	-19.0%	5.62	6.92	--	--
Pacific Contiguous	3.74	4.99	-25.0%	4.07	5.14	3.37	4.86
California	3.80	5.12	-26.0%	4.13	5.41	3.47	4.93
Oregon	3.19	W	W	3.45	4.32	2.99	W
Washington	4.37	W	W	4.37	5.09	--	W
Pacific Noncontiguous	5.93	4.58	29.0%	5.93	4.58	--	--
Alaska	5.93	4.58	29.0%	5.93	4.58	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	4.16	7.28	-43.0%	4.25	6.20	4.07	8.51

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

Table 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, January 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	287	0.84	7.3	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	15	0.82	8.8	0	--	--	0	--	--
Massachusetts	173	0.57	7.3	0	--	--	0	--	--
New Hampshire	100	1.27	7.0	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,522	2.84	10.7	45	0.24	5.6	0	--	--
New Jersey	112	1.38	8.4	0	--	--	0	--	--
New York	43	1.50	11.5	45	0.24	5.6	0	--	--
Pennsylvania	2,367	2.93	10.8	0	--	--	0	--	--
East North Central	7,572	3.04	10.2	8,698	0.24	4.9	0	--	--
Illinois	940	3.56	20.1	4,950	0.21	4.8	0	--	--
Indiana	3,298	2.89	8.9	274	0.30	5.0	0	--	--
Michigan	146	1.54	8.9	1,554	0.29	5.0	0	--	--
Ohio	3,100	3.16	9.3	31	0.22	5.3	0	--	--
Wisconsin	88	2.34	8.0	1,890	0.26	5.2	0	--	--
West North Central	142	3.42	8.9	10,721	0.29	5.3	2,072	0.86	10.1
Iowa	35	3.50	8.0	1,615	0.29	5.0	0	--	--
Kansas	25	3.74	14.4	1,535	0.32	5.4	0	--	--
Minnesota	0	--	--	1,850	0.39	6.6	0	--	--
Missouri	83	3.29	7.7	4,285	0.23	4.8	0	--	--
Nebraska	0	--	--	1,158	0.29	5.3	0	--	--
North Dakota	0	--	--	65	0.34	4.1	2,072	0.86	10.1
South Dakota	0	--	--	212	0.37	5.3	0	--	--
South Atlantic	8,860	2.24	9.8	1,174	0.32	4.9	0	--	--
Delaware	35	2.49	7.5	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,554	2.46	8.0	0	--	--	0	--	--
Georgia	615	1.81	9.4	1,162	0.32	4.9	0	--	--
Maryland	606	2.17	9.8	13	0.22	6.5	0	--	--
North Carolina	1,608	1.77	9.7	0	--	--	0	--	--
South Carolina	1,086	1.67	8.8	0	--	--	0	--	--
Virginia	568	1.27	10.1	0	--	--	0	--	--
West Virginia	2,789	2.91	11.3	0	--	--	0	--	--
East South Central	4,582	2.57	9.2	2,343	0.27	4.8	298	0.47	13.1
Alabama	794	1.84	9.8	972	0.27	5.5	0	--	--
Kentucky	3,002	2.91	9.2	871	0.30	4.1	0	--	--
Mississippi	167	2.03	8.9	81	0.27	5.7	298	0.47	13.1
Tennessee	620	2.04	9.0	418	0.24	4.7	0	--	--
West South Central	117	2.09	17.3	9,811	0.28	5.2	3,331	0.94	16.2
Arkansas	6	0.62	9.1	1,592	0.26	5.3	0	--	--
Louisiana	46	3.11	9.2	916	0.29	5.4	276	0.70	13.9
Oklahoma	64	1.47	24.6	1,857	0.26	4.9	0	--	--
Texas	0	--	--	5,446	0.30	5.2	3,055	0.96	16.5
Mountain	2,490	0.62	13.8	6,351	0.51	9.0	0	--	--
Arizona	700	0.58	10.5	1,335	0.65	10.5	0	--	--
Colorado	297	0.54	11.3	1,287	0.33	5.7	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	848	0.64	10.1	0	--	--
Nevada	0	--	--	160	0.37	8.4	0	--	--
New Mexico	493	0.75	25.6	483	0.74	21.3	0	--	--
Utah	1,001	0.61	12.0	45	0.93	7.9	0	--	--
Wyoming	0	--	--	2,193	0.44	7.1	0	--	--
Pacific Contiguous	74	0.52	10.6	672	0.33	8.2	0	--	--
California	74	0.52	10.6	0	--	--	0	--	--
Oregon	0	--	--	160	0.23	4.6	0	--	--
Washington	0	--	--	512	0.36	9.3	0	--	--
Pacific Noncontiguous	57	1.20	4.9	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	57	1.20	4.9	0	--	--	0	--	--
U.S. Total	26,704	2.42	10.2	39,815	0.31	5.8	5,701	0.89	13.9

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
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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 Utilities by State, January 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	100	1.27	7.0	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	100	1.27	7.0	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	6,104	3.02	9.1	4,028	0.27	5.1	0	--	--
Illinois	185	3.35	9.6	335	0.24	4.9	0	--	--
Indiana	3,060	2.87	8.8	274	0.30	5.0	0	--	--
Michigan	109	1.51	9.2	1,554	0.29	5.0	0	--	--
Ohio	2,672	3.25	9.4	0	--	--	0	--	--
Wisconsin	78	2.30	7.9	1,866	0.26	5.2	0	--	--
West North Central	97	3.44	9.3	10,656	0.29	5.3	2,072	0.86	10.1
Iowa	0	--	--	1,553	0.29	5.1	0	--	--
Kansas	25	3.74	14.4	1,535	0.32	5.4	0	--	--
Minnesota	0	--	--	1,848	0.39	6.6	0	--	--
Missouri	72	3.34	7.5	4,285	0.23	4.8	0	--	--
Nebraska	0	--	--	1,158	0.29	5.3	0	--	--
North Dakota	0	--	--	65	0.34	4.1	2,072	0.86	10.1
South Dakota	0	--	--	212	0.37	5.3	0	--	--
South Atlantic	7,004	2.06	9.7	1,162	0.32	4.9	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,554	2.46	8.0	0	--	--	0	--	--
Georgia	579	1.83	9.4	1,162	0.32	4.9	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,608	1.77	9.7	0	--	--	0	--	--
South Carolina	1,070	1.68	8.9	0	--	--	0	--	--
Virginia	458	1.30	10.1	0	--	--	0	--	--
West Virginia	1,736	2.52	11.8	0	--	--	0	--	--
East South Central	4,432	2.62	9.3	2,343	0.27	4.8	0	--	--
Alabama	794	1.84	9.8	972	0.27	5.5	0	--	--
Kentucky	3,002	2.91	9.2	871	0.30	4.1	0	--	--
Mississippi	149	1.93	8.9	81	0.27	5.7	0	--	--
Tennessee	488	2.38	9.2	418	0.24	4.7	0	--	--
West South Central	46	3.11	9.2	6,476	0.26	5.2	838	1.01	18.0
Arkansas	0	--	--	1,431	0.26	5.3	0	--	--
Louisiana	46	3.11	9.2	288	0.31	5.6	276	0.70	13.9
Oklahoma	0	--	--	1,815	0.26	5.0	0	--	--
Texas	0	--	--	2,943	0.26	5.2	561	1.18	20.2
Mountain	2,490	0.62	13.8	5,459	0.50	8.9	0	--	--
Arizona	700	0.58	10.5	1,335	0.65	10.5	0	--	--
Colorado	297	0.54	11.3	1,287	0.33	5.7	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	0	--	--	115	0.39	9.4	0	--	--
New Mexico	493	0.75	25.6	483	0.74	21.3	0	--	--
Utah	1,001	0.61	12.0	45	0.93	7.9	0	--	--
Wyoming	0	--	--	2,193	0.44	7.1	0	--	--
Pacific Contiguous	0	--	--	160	0.23	4.6	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	160	0.23	4.6	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	20,272	2.32	9.9	30,285	0.32	5.8	2,909	0.90	12.3

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, January 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	182	0.59	7.4	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	9	0.83	8.8	0	--	--	0	--	--
Massachusetts	173	0.57	7.3	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	2,476	2.86	10.7	45	0.24	5.6	0	--	--
New Jersey	112	1.38	8.4	0	--	--	0	--	--
New York	10	1.53	19.6	45	0.24	5.6	0	--	--
Pennsylvania	2,354	2.94	10.7	0	--	--	0	--	--
East North Central	1,291	3.09	16.4	4,600	0.21	4.7	0	--	--
Illinois	620	3.66	27.6	4,569	0.21	4.7	0	--	--
Indiana	238	3.21	10.6	0	--	--	0	--	--
Michigan	29	1.75	7.7	0	--	--	0	--	--
Ohio	405	2.55	8.5	31	0.22	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	1,690	3.00	9.9	13	0.22	6.5	0	--	--
Delaware	35	2.49	7.5	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	569	2.18	9.1	13	0.22	6.5	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	77	0.84	10.5	0	--	--	0	--	--
West Virginia	1,008	3.65	10.3	0	--	--	0	--	--
East South Central	19	2.87	8.7	0	--	--	298	0.47	13.1
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	19	2.87	8.7	0	--	--	298	0.47	13.1
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	64	1.47	24.6	3,334	0.32	5.3	2,494	0.91	15.7
Arkansas	0	--	--	161	0.27	5.6	0	--	--
Louisiana	0	--	--	628	0.29	5.3	0	--	--
Oklahoma	64	1.47	24.6	42	0.22	4.6	0	--	--
Texas	0	--	--	2,503	0.33	5.3	2,494	0.91	15.7
Mountain	0	--	--	892	0.62	9.9	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	848	0.64	10.1	0	--	--
Nevada	0	--	--	44	0.33	5.7	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	0	--	--	512	0.36	9.3	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	512	0.36	9.3	0	--	--
Pacific Noncontiguous	57	1.20	4.9	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	57	1.20	4.9	0	--	--	0	--	--
U.S. Total	5,779	2.85	11.5	9,395	0.29	5.7	2,792	0.87	15.5

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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, January 2015

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	0	--	--	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	1	2.38	7.9	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	1	2.38	7.9	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	11	3.03	8.6	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	11	3.03	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	12	2.97	8.5	0	--	--	0	--	--

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

Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Industrial Sector by State, January 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	6	0.81	8.7	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	6	0.81	8.7	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	46	1.62	10.5	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	33	1.49	9.3	0	--	--	0	--	--
Pennsylvania	13	1.93	13.2	0	--	--	0	--	--
East North Central	176	3.34	8.4	70	0.37	5.5	0	--	--
Illinois	135	3.50	8.0	46	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	7	0.95	9.5	0	--	--	0	--	--
Ohio	24	3.52	10.0	0	--	--	0	--	--
Wisconsin	10	2.65	8.6	24	0.29	5.4	0	--	--
West North Central	35	3.50	8.0	64	0.22	4.4	0	--	--
Iowa	35	3.50	8.0	62	0.22	4.4	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	2	0.27	4.2	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	166	1.44	11.9	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	36	1.48	8.7	0	--	--	0	--	--
Maryland	36	2.10	20.9	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	16	0.72	8.1	0	--	--	0	--	--
Virginia	32	1.82	8.1	0	--	--	0	--	--
West Virginia	45	0.89	12.1	0	--	--	0	--	--
East South Central	132	0.86	8.4	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	132	0.86	8.4	0	--	--	0	--	--
West South Central	6	0.62	9.1	0	--	--	0	--	--
Arkansas	6	0.62	9.1	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	74	0.52	10.6	0	--	--	0	--	--
California	74	0.52	10.6	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	641	1.79	9.7	134	0.30	4.9	0	--	--

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

Notes:

Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process. See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes. See Glossary for definitions. Values for 2014 and 2015 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

**Table 5.1. Retail Sales of Electricity to Ultimate Customers:
Total by End-Use Sector, 2005 - January 2015 (Million Kilowatthours)**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2005	1,359,227	1,275,079	1,019,156	7,506	3,660,969
2006	1,351,520	1,299,744	1,011,298	7,358	3,669,919
2007	1,392,241	1,336,315	1,027,832	8,173	3,764,561
2008	1,380,662	1,336,133	1,009,516	7,653	3,733,965
2009	1,364,758	1,306,853	917,416	7,768	3,596,795
2010	1,445,708	1,330,199	971,221	7,712	3,754,841
2011	1,422,801	1,328,057	991,316	7,672	3,749,846
2012	1,374,515	1,327,101	985,714	7,320	3,694,650
2013	1,394,919	1,344,206	978,351	7,625	3,725,101
2014	1,402,911	1,357,505	955,488	7,776	3,723,681
2013					
January	131,794	107,983	80,260	664	320,701
February	113,123	101,279	76,438	659	291,499
March	112,104	104,391	80,102	644	297,241
April	95,547	101,886	79,732	630	277,796
May	95,199	109,407	84,183	627	289,416
June	117,991	118,245	83,348	638	320,222
July	143,877	128,324	85,905	649	358,755
August	138,073	128,003	86,868	645	353,588
Sept	121,427	119,170	82,273	626	323,496
October	98,900	112,548	82,349	591	294,387
November	97,910	103,823	79,201	574	281,509
December	128,975	109,146	77,692	679	316,492
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
2015					
January	136,798	111,284	76,946	653	325,682
Year to Date					
2013	131,794	107,983	80,260	664	320,701
2014	146,177	114,169	77,028	735	338,108
2015	136,798	111,284	76,946	653	325,682
Rolling 12 Months Ending in January					
2014	1,409,302	1,350,392	975,119	7,696	3,742,509
2015	1,393,532	1,354,620	955,407	7,695	3,711,254

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

Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report; Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

**Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers:
Total by End-Use Sector, 2005 - January 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	169,113	138,229	66,909	805	375,055
2014	175,404	145,889	67,019	798	389,111
2013					
January	15,093	10,550	5,203	70	30,916
February	13,158	10,191	5,078	70	28,496
March	13,011	10,457	5,303	66	28,838
April	11,392	10,146	5,226	65	26,830
May	11,813	11,216	5,641	66	28,736
June	14,797	12,639	5,971	69	33,476
July	18,204	13,791	6,321	71	38,387
August	17,287	13,716	6,326	69	37,398
Sept	15,186	12,583	5,873	68	33,710
October	12,220	11,607	5,587	62	29,476
November	11,839	10,466	5,226	60	27,591
December	15,113	10,867	5,153	69	31,202
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
2015					
January	16,555	11,461	5,091	70	33,177
Year to Date					
2013	15,093	10,550	5,203	70	30,916
2014	17,032	11,808	5,347	76	34,263
2015	16,555	11,461	5,091	70	33,177
Rolling 12 Months Ending in January					
2014	171,051	139,487	67,052	810	378,401
2015	174,928	145,542	66,764	793	388,026

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

Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report; Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

**Table 5.3. Average Retail Price of Electricity to Ultimate Customers:
Total by End-Use Sector, 2005 - January 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
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	6.79	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
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
2015					
January	12.10	10.30	6.62	10.67	10.19
Year to Date					
2013	11.45	9.77	6.48	10.53	9.64
2014	11.65	10.34	6.94	10.29	10.13
2015	12.10	10.30	6.62	10.67	10.19
Rolling 12 Months Ending in January					
2014	12.14	10.33	6.88	10.53	10.11
2015	12.55	10.74	6.99	10.30	10.46

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

Sources: U.S. Energy Information Administration, Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report; Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	4,788	5,000	4,522	4,597	1,426	1,467	55	58	10,791	11,122
Connecticut	1,298	1,372	1,096	1,133	266	267	17	18	2,677	2,791
Maine	508	510	350	352	249	258	0	0	1,107	1,120
Massachusetts	1,995	2,099	2,206	2,212	572	589	35	37	4,809	4,937
New Hampshire	459	481	385	396	151	159	0	0	995	1,036
Rhode Island	300	308	310	326	65	66	2	3	677	703
Vermont	228	230	176	178	122	128	0	0	526	536
Middle Atlantic	13,209	13,717	13,478	13,525	5,920	6,233	326	380	32,933	33,854
New Jersey	2,649	2,667	3,305	3,225	638	629	24	28	6,616	6,549
New York	4,640	4,851	6,344	6,400	1,428	1,406	246	278	12,659	12,934
Pennsylvania	5,919	6,199	3,829	3,900	3,855	4,198	56	75	13,658	14,371
East North Central	19,270	20,762	15,900	16,255	15,654	16,029	59	70	50,883	53,116
Illinois	4,423	4,783	4,452	4,644	3,493	3,671	51	62	12,420	13,159
Indiana	3,650	4,016	2,090	2,118	3,790	3,773	2	2	9,533	9,909
Michigan	3,411	3,535	3,244	3,236	2,370	2,499	0	1	9,025	9,271
Ohio	5,616	6,050	4,074	4,187	4,053	4,137	5	5	13,749	14,379
Wisconsin	2,169	2,379	2,040	2,070	1,947	1,949	0	0	6,156	6,397
West North Central	10,937	11,947	8,849	9,043	7,126	7,003	5	5	26,917	27,998
Iowa	1,546	1,661	1,088	1,129	1,651	1,575	0	0	4,285	4,365
Kansas	1,297	1,398	1,268	1,305	868	887	0	0	3,433	3,590
Minnesota	2,254	2,448	2,036	2,068	1,764	1,731	3	2	6,057	6,250
Missouri	3,652	4,091	2,623	2,705	1,283	1,302	2	3	7,560	8,100
Nebraska	1,060	1,130	803	823	780	820	0	0	2,643	2,773
North Dakota	604	657	600	568	564	477	0	0	1,768	1,703
South Dakota	525	562	431	445	216	211	0	0	1,172	1,217
South Atlantic	34,088	36,937	25,155	25,853	11,415	11,322	114	122	70,772	74,234
Delaware	466	517	324	371	236	170	0	0	1,027	1,058
District of Columbia	206	219	664	737	23	20	26	29	920	1,005
Florida	8,933	9,284	7,016	7,099	1,338	1,353	8	8	17,294	17,744
Georgia	5,537	6,225	3,836	4,000	2,614	2,587	16	15	12,003	12,827
Maryland	2,982	3,265	2,591	2,658	307	299	46	51	5,927	6,273
North Carolina	6,176	6,741	3,939	4,093	2,060	2,014	1	1	12,176	12,848
South Carolina	3,107	3,389	1,788	1,910	2,326	2,353	0	0	7,221	7,652
Virginia	5,202	5,591	4,270	4,206	1,330	1,488	18	18	10,819	11,303
West Virginia	1,478	1,706	726	779	1,181	1,038	0	0	3,386	3,524
East South Central	12,300	13,819	7,264	7,647	8,612	8,481	0	0	28,177	29,947
Alabama	3,256	3,778	1,859	1,978	2,883	2,802	0	0	7,999	8,558
Kentucky	2,926	3,294	1,609	1,736	2,539	2,556	0	0	7,074	7,586
Mississippi	1,768	1,956	1,061	1,084	1,351	1,374	0	0	4,180	4,414
Tennessee	4,350	4,791	2,735	2,849	1,839	1,749	0	0	8,924	9,389
West South Central	20,033	21,141	15,027	15,576	13,078	13,124	15	16	48,154	49,856
Arkansas	1,893	2,040	944	969	1,235	1,335	0	NM	4,071	4,344
Louisiana	2,801	3,120	1,938	1,987	2,694	2,540	1	1	7,434	7,648
Oklahoma	2,262	2,390	1,540	1,513	1,393	1,327	0	0	5,194	5,230
Texas	13,078	13,591	10,605	11,107	7,757	7,921	14	14	31,454	32,634
Mountain	8,253	8,208	7,403	7,437	6,785	6,478	12	12	22,452	22,135
Arizona	2,336	2,289	2,191	2,184	1,164	1,051	1	0	5,691	5,523
Colorado	1,687	1,702	1,664	1,630	1,246	1,192	6	6	4,603	4,529
Idaho	913	947	533	559	505	553	0	0	1,951	2,060
Montana	572	580	448	450	352	334	0	0	1,371	1,364
Nevada	987	918	648	642	1,122	1,029	1	1	2,757	2,589
New Mexico	656	643	696	696	596	591	0	0	1,947	1,931
Utah	788	804	869	921	880	836	5	5	2,542	2,567
Wyoming	313	325	355	356	921	892	0	0	1,589	1,572
Pacific Contiguous	13,491	14,193	13,195	13,729	6,538	6,482	68	73	33,293	34,477
California	7,558	7,727	9,261	9,677	3,329	3,246	65	70	20,214	20,721
Oregon	2,005	2,181	1,350	1,392	958	927	2	2	4,315	4,502
Washington	3,929	4,284	2,584	2,661	2,251	2,309	0	1	8,764	9,255
Pacific Noncontiguous	430	453	489	507	391	409	0	0	1,310	1,369
Alaska	219	234	253	256	110	120	0	0	582	610
Hawaii	211	220	236	251	281	289	0	0	728	760
U.S. Total	136,798	146,177	111,284	114,169	76,946	77,028	653	735	325,682	338,108

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

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

Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.

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

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

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

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

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

Table 5.4.B. Retail Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through January 2015 and 2014 (Million Kilowatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	4,788	5,000	4,522	4,597	1,426	1,467	55	58	10,791	11,122
Connecticut	1,298	1,372	1,096	1,133	266	267	17	18	2,677	2,791
Maine	508	510	350	352	249	258	0	0	1,107	1,120
Massachusetts	1,995	2,099	2,206	2,212	572	589	35	37	4,809	4,937
New Hampshire	459	481	385	396	151	159	0	0	995	1,036
Rhode Island	300	308	310	326	65	66	2	3	677	703
Vermont	228	230	176	178	122	128	0	0	526	536
Middle Atlantic	13,209	13,717	13,478	13,525	5,920	6,233	326	380	32,933	33,854
New Jersey	2,649	2,667	3,305	3,225	638	629	24	28	6,616	6,549
New York	4,640	4,851	6,344	6,400	1,428	1,406	246	278	12,659	12,934
Pennsylvania	5,919	6,199	3,829	3,900	3,855	4,198	56	75	13,658	14,371
East North Central	19,270	20,762	15,900	16,255	15,654	16,029	59	70	50,883	53,116
Illinois	4,423	4,783	4,452	4,644	3,493	3,671	51	62	12,420	13,159
Indiana	3,650	4,016	2,090	2,118	3,790	3,773	2	2	9,533	9,909
Michigan	3,411	3,535	3,244	3,236	2,370	2,499	0	1	9,025	9,271
Ohio	5,616	6,050	4,074	4,187	4,053	4,137	5	5	13,749	14,379
Wisconsin	2,169	2,379	2,040	2,070	1,947	1,949	0	0	6,156	6,397
West North Central	10,937	11,947	8,849	9,043	7,126	7,003	5	5	26,917	27,998
Iowa	1,546	1,661	1,088	1,129	1,651	1,575	0	0	4,285	4,365
Kansas	1,297	1,398	1,268	1,305	868	887	0	0	3,433	3,590
Minnesota	2,254	2,448	2,036	2,068	1,764	1,731	3	2	6,057	6,250
Missouri	3,652	4,091	2,623	2,705	1,283	1,302	2	3	7,560	8,100
Nebraska	1,060	1,130	803	823	780	820	0	0	2,643	2,773
North Dakota	604	657	600	568	564	477	0	0	1,768	1,703
South Dakota	525	562	431	445	216	211	0	0	1,172	1,217
South Atlantic	34,088	36,937	25,155	25,853	11,415	11,322	114	122	70,772	74,234
Delaware	466	517	324	371	236	170	0	0	1,027	1,058
District of Columbia	206	219	664	737	23	20	26	29	920	1,005
Florida	8,933	9,284	7,016	7,099	1,338	1,353	8	8	17,294	17,744
Georgia	5,537	6,225	3,836	4,000	2,614	2,587	16	15	12,003	12,827
Maryland	2,982	3,265	2,591	2,658	307	299	46	51	5,927	6,273
North Carolina	6,176	6,741	3,939	4,093	2,060	2,014	1	1	12,176	12,848
South Carolina	3,107	3,389	1,788	1,910	2,326	2,353	0	0	7,221	7,652
Virginia	5,202	5,591	4,270	4,206	1,330	1,488	18	18	10,819	11,303
West Virginia	1,478	1,706	726	779	1,181	1,038	0	0	3,386	3,524
East South Central	12,300	13,819	7,264	7,647	8,612	8,481	0	0	28,177	29,947
Alabama	3,256	3,778	1,859	1,978	2,883	2,802	0	0	7,999	8,558
Kentucky	2,926	3,294	1,609	1,736	2,539	2,556	0	0	7,074	7,586
Mississippi	1,768	1,956	1,061	1,084	1,351	1,374	0	0	4,180	4,414
Tennessee	4,350	4,791	2,735	2,849	1,839	1,749	0	0	8,924	9,389
West South Central	20,033	21,141	15,027	15,576	13,078	13,124	15	16	48,154	49,856
Arkansas	1,893	2,040	944	969	1,235	1,335	0	NM	4,071	4,344
Louisiana	2,801	3,120	1,938	1,987	2,694	2,540	1	1	7,434	7,648
Oklahoma	2,262	2,390	1,540	1,513	1,393	1,327	0	0	5,194	5,230
Texas	13,078	13,591	10,605	11,107	7,757	7,921	14	14	31,454	32,634
Mountain	8,253	8,208	7,403	7,437	6,785	6,478	12	12	22,452	22,135
Arizona	2,336	2,289	2,191	2,184	1,164	1,051	1	0	5,691	5,523
Colorado	1,687	1,702	1,664	1,630	1,246	1,192	6	6	4,603	4,529
Idaho	913	947	533	559	505	553	0	0	1,951	2,060
Montana	572	580	448	450	352	334	0	0	1,371	1,364
Nevada	987	918	648	642	1,122	1,029	1	1	2,757	2,589
New Mexico	656	643	696	696	596	591	0	0	1,947	1,931
Utah	788	804	869	921	880	836	5	5	2,542	2,567
Wyoming	313	325	355	356	921	892	0	0	1,589	1,572
Pacific Contiguous	13,491	14,193	13,195	13,729	6,538	6,482	68	73	33,293	34,477
California	7,558	7,727	9,261	9,677	3,329	3,246	65	70	20,214	20,721
Oregon	2,005	2,181	1,350	1,392	958	927	2	2	4,315	4,502
Washington	3,929	4,284	2,584	2,661	2,251	2,309	0	1	8,764	9,255
Pacific Noncontiguous	430	453	489	507	391	409	0	0	1,310	1,369
Alaska	219	234	253	256	110	120	0	0	582	610
Hawaii	211	220	236	251	281	289	0	0	728	760
U.S. Total	136,798	146,177	111,284	114,169	76,946	77,028	653	735	325,682	338,108

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

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

Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.

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

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

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

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

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

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	946	859	741	707	178	186	7	6	1,871	1,758
Connecticut	273	251	184	178	35	36	2	3	494	469
Maine	79	74	52	50	25	30	0	0	156	154
Massachusetts	415	353	365	342	75	77	5	NM	860	775
New Hampshire	88	80	61	61	19	20	0	0	168	160
Rhode Island	53	62	55	51	10	9	0	0	119	122
Vermont	38	39	25	25	13	13	0	0	75	78
Middle Atlantic	2,065	2,144	1,689	1,900	423	556	41	46	4,218	4,645
New Jersey	406	407	396	447	66	95	3	3	871	952
New York	895	947	928	1,048	87	104	34	36	1,944	2,135
Pennsylvania	764	790	365	405	270	356	4	7	1,404	1,558
East North Central	2,336	2,341	1,521	1,530	1,049	1,111	4	4	4,910	4,985
Illinois	509	467	383	386	223	232	3	3	1,118	1,088
Indiana	389	408	201	200	255	260	0	0	845	868
Michigan	464	490	326	340	157	194	0	0	947	1,024
Ohio	677	664	394	390	270	283	0	0	1,342	1,337
Wisconsin	298	312	216	214	144	142	0	0	658	668
West North Central	1,101	1,164	753	757	455	443	0	0	2,309	2,365
Iowa	158	166	89	90	89	86	0	0	336	342
Kansas	147	153	121	122	64	63	0	0	332	338
Minnesota	259	277	185	189	118	119	0	0	562	585
Missouri	337	363	205	207	71	73	0	0	613	643
Nebraska	97	101	67	67	53	54	0	0	217	223
North Dakota	50	51	49	44	45	34	0	0	144	129
South Dakota	53	53	38	36	15	15	0	0	106	104
South Atlantic	3,850	4,102	2,404	2,512	750	790	10	11	7,015	7,415
Delaware	64	65	37	41	20	18	0	0	120	123
District of Columbia	29	28	84	98	2	1	NM	3	117	129
Florida	1,065	1,101	695	691	111	107	1	1	1,872	1,900
Georgia	578	674	375	432	153	183	1	1	1,107	1,290
Maryland	402	429	285	306	28	34	4	5	719	775
North Carolina	651	694	333	353	129	128	0	0	1,113	1,174
South Carolina	366	395	177	194	139	155	0	0	682	743
Virginia	562	564	362	338	99	101	2	1	1,025	1,005
West Virginia	134	154	57	60	69	62	0	0	260	276
East South Central	1,265	1,386	734	766	489	529	0	0	2,488	2,681
Alabama	358	405	198	213	161	174	0	0	716	791
Kentucky	278	310	143	154	131	157	0	0	552	621
Mississippi	196	204	116	114	88	87	0	0	400	405
Tennessee	433	467	276	285	109	112	0	0	819	864
West South Central	2,115	2,152	1,206	1,245	740	741	1	1	4,062	4,139
Arkansas	165	169	72	72	70	74	0	NM	307	315
Louisiana	247	265	171	172	148	137	0	0	566	574
Oklahoma	194	199	108	113	70	69	0	0	372	381
Texas	1,510	1,519	855	889	451	461	1	1	2,816	2,870
Mountain	918	888	684	666	410	394	1	1	2,014	1,948
Arizona	258	250	209	202	68	64	0	0	534	516
Colorado	192	195	153	153	83	82	1	1	429	430
Idaho	88	87	40	41	28	30	0	0	157	158
Montana	61	57	49	42	18	19	0	0	128	118
Nevada	125	114	62	62	67	61	0	0	254	238
New Mexico	80	73	71	66	37	35	0	0	188	174
Utah	81	80	69	71	50	46	0	1	201	198
Wyoming	32	32	31	30	60	56	0	0	123	118
Pacific Contiguous	1,846	1,872	1,611	1,595	507	491	5	6	3,970	3,963
California	1,320	1,284	1,295	1,264	357	335	5	6	2,978	2,889
Oregon	206	220	118	121	55	55	0	0	380	396
Washington	319	368	198	210	95	100	0	0	612	678
Pacific Noncontiguous	113	125	117	130	91	107	0	0	321	362
Alaska	42	43	44	43	16	18	0	0	102	103
Hawaii	70	82	73	88	75	89	0	0	219	259
U.S. Total	16,555	17,032	11,461	11,808	5,091	5,347	70	76	33,177	34,263

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

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Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.

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

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

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

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

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	946	859	741	707	178	186	7	6	1,871	1,758
Connecticut	273	251	184	178	35	36	2	3	494	469
Maine	79	74	52	50	25	30	0	0	156	154
Massachusetts	415	353	365	342	75	77	5	NM	860	775
New Hampshire	88	80	61	61	19	20	0	0	168	160
Rhode Island	53	62	55	51	10	9	0	0	119	122
Vermont	38	39	25	25	13	13	0	0	75	78
Middle Atlantic	2,065	2,144	1,689	1,900	423	556	41	46	4,218	4,645
New Jersey	406	407	396	447	66	95	3	3	871	952
New York	895	947	928	1,048	87	104	34	36	1,944	2,135
Pennsylvania	764	790	365	405	270	356	4	7	1,404	1,558
East North Central	2,336	2,341	1,521	1,530	1,049	1,111	4	4	4,910	4,985
Illinois	509	467	383	386	223	232	3	3	1,118	1,088
Indiana	389	408	201	200	255	260	0	0	845	868
Michigan	464	490	326	340	157	194	0	0	947	1,024
Ohio	677	664	394	390	270	283	0	0	1,342	1,337
Wisconsin	298	312	216	214	144	142	0	0	658	668
West North Central	1,101	1,164	753	757	455	443	0	0	2,309	2,365
Iowa	158	166	89	90	89	86	0	0	336	342
Kansas	147	153	121	122	64	63	0	0	332	338
Minnesota	259	277	185	189	118	119	0	0	562	585
Missouri	337	363	205	207	71	73	0	0	613	643
Nebraska	97	101	67	67	53	54	0	0	217	223
North Dakota	50	51	49	44	45	34	0	0	144	129
South Dakota	53	53	38	36	15	15	0	0	106	104
South Atlantic	3,850	4,102	2,404	2,512	750	790	10	11	7,015	7,415
Delaware	64	65	37	41	20	18	0	0	120	123
District of Columbia	29	28	84	98	2	1	NM	3	117	129
Florida	1,065	1,101	695	691	111	107	1	1	1,872	1,900
Georgia	578	674	375	432	153	183	1	1	1,107	1,290
Maryland	402	429	285	306	28	34	4	5	719	775
North Carolina	651	694	333	353	129	128	0	0	1,113	1,174
South Carolina	366	395	177	194	139	155	0	0	682	743
Virginia	562	564	362	338	99	101	2	1	1,025	1,005
West Virginia	134	154	57	60	69	62	0	0	260	276
East South Central	1,265	1,386	734	766	489	529	0	0	2,488	2,681
Alabama	358	405	198	213	0	174	0	0	716	791
Kentucky	278	310	143	154	131	157	0	0	552	621
Mississippi	196	204	116	114	88	87	0	0	400	405
Tennessee	433	467	276	285	109	112	0	0	819	864
West South Central	2,115	2,152	1,206	1,245	740	741	1	1	4,062	4,139
Arkansas	165	169	72	72	70	74	0	NM	307	315
Louisiana	247	265	171	172	148	137	0	0	566	574
Oklahoma	194	199	108	113	70	69	0	0	372	381
Texas	1,510	1,519	855	889	451	461	1	1	2,816	2,870
Mountain	918	888	684	666	410	394	1	1	2,014	1,948
Arizona	258	250	209	202	68	64	0	0	534	516
Colorado	192	195	153	153	83	82	1	1	429	430
Idaho	88	87	40	41	28	30	0	0	157	158
Montana	61	57	49	42	18	19	0	0	128	118
Nevada	125	114	62	62	67	61	0	0	254	238
New Mexico	80	73	71	66	37	35	0	0	188	174
Utah	81	80	69	71	50	46	0	1	201	198
Wyoming	32	32	31	30	60	56	0	0	123	118
Pacific Contiguous	1,846	1,872	1,611	1,595	507	491	5	6	3,970	3,963
California	1,320	1,284	1,295	1,264	357	335	5	6	2,978	2,889
Oregon	206	220	118	121	55	55	0	0	380	396
Washington	319	368	198	210	95	100	0	0	612	678
Pacific Noncontiguous	113	125	117	130	91	107	0	0	321	362
Alaska	42	43	44	43	16	18	0	0	102	103
Hawaii	70	82	73	88	75	89	0	0	219	259
U.S. Total	16,555	17,032	11,461	11,808	5,091	5,347	70	76	33,177	34,263

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

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

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

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	19.75	17.17	16.39	15.38	12.45	12.71	12.57	10.78	17.34	15.81
Connecticut	21.00	18.29	16.79	15.74	13.20	13.45	10.84	18.50	18.44	16.79
Maine	15.62	14.45	14.81	14.31	10.07	11.79	--	--	14.12	13.79
Massachusetts	20.80	16.83	16.53	15.45	13.16	13.10	13.04	NM	17.87	15.69
New Hampshire	19.15	16.54	15.75	15.30	12.83	12.79	--	--	16.87	15.49
Rhode Island	17.72	20.16	17.85	15.48	15.32	14.20	17.95	15.92	17.55	17.41
Vermont	16.48	16.94	14.06	14.26	10.32	10.36	--	--	14.24	14.47
Middle Atlantic	15.64	15.63	12.53	14.05	7.14	8.91	12.57	12.03	12.81	13.72
New Jersey	15.31	15.26	11.98	13.88	10.35	15.11	12.58	10.29	13.16	14.54
New York	19.29	19.53	14.62	16.37	6.09	7.41	13.79	13.08	15.36	16.51
Pennsylvania	12.92	12.74	9.54	10.38	7.00	8.49	7.18	8.74	10.28	10.84
East North Central	12.12	11.27	9.57	9.41	6.70	6.93	6.68	5.47	9.65	9.39
Illinois	11.50	9.76	8.61	8.31	6.38	6.32	6.44	5.11	9.00	8.27
Indiana	10.64	10.16	9.63	9.44	6.72	6.88	9.66	9.23	8.86	8.76
Michigan	13.60	13.85	10.05	10.52	6.64	7.78	11.91	13.59	10.50	11.05
Ohio	12.05	10.98	9.67	9.31	6.66	6.83	7.38	7.06	9.76	9.30
Wisconsin	13.74	13.10	10.60	10.34	7.39	7.30	--	--	10.69	10.44
West North Central	10.07	9.75	8.51	8.37	6.38	6.33	8.15	7.76	8.58	8.45
Iowa	10.22	9.99	8.16	8.01	5.40	5.46	--	--	7.84	7.84
Kansas	11.34	10.94	9.53	9.33	7.36	7.11	--	--	9.67	9.41
Minnesota	11.51	11.33	9.07	9.15	6.68	6.85	9.55	9.49	9.28	9.37
Missouri	9.23	8.86	7.80	7.67	5.52	5.59	6.48	6.20	8.10	7.94
Nebraska	9.15	8.94	8.34	8.19	6.75	6.63	--	--	8.19	8.03
North Dakota	8.34	7.78	8.11	7.79	7.98	7.10	--	--	8.15	7.59
South Dakota	10.02	9.43	8.80	8.21	7.03	6.92	--	--	9.02	8.55
South Atlantic	11.30	11.11	9.56	9.72	6.57	6.97	8.79	9.23	9.91	9.99
Delaware	13.76	12.48	11.32	10.93	8.31	10.67	--	--	11.74	11.65
District of Columbia	13.84	12.60	12.59	13.26	7.76	4.42	NM	9.72	12.68	12.84
Florida	11.93	11.86	9.91	9.74	8.31	7.93	9.19	9.27	10.83	10.71
Georgia	10.43	10.83	9.78	10.80	5.86	7.08	5.38	6.81	9.22	10.06
Maryland	13.47	13.14	10.99	11.52	9.14	11.51	9.16	10.11	12.13	12.35
North Carolina	10.54	10.29	8.44	8.62	6.27	6.34	7.67	8.02	9.14	9.14
South Carolina	11.77	11.65	9.92	10.13	5.97	6.57	--	--	9.45	9.71
Virginia	10.80	10.09	8.48	8.04	7.45	6.79	8.75	8.03	9.47	8.89
West Virginia	9.06	9.01	7.81	7.71	5.86	5.99	10.04	9.92	7.68	7.83
East South Central	10.28	10.03	10.10	10.02	5.68	6.24	8.18	12.89	8.83	8.95
Alabama	10.99	10.72	10.63	10.75	5.58	6.20	--	--	8.95	9.25
Kentucky	9.50	9.42	8.90	8.88	5.15	6.13	--	--	7.80	8.19
Mississippi	11.06	10.44	10.97	10.53	6.54	6.31	--	--	9.58	9.18
Tennessee	9.96	9.74	10.10	10.00	5.94	6.41	8.18	12.89	9.18	9.20
West South Central	10.56	10.18	8.03	7.99	5.66	5.65	5.56	5.37	8.43	8.30
Arkansas	8.73	8.29	7.62	7.40	5.65	5.54	10.88	NM	7.54	7.25
Louisiana	8.80	8.49	8.84	8.68	5.50	5.37	8.38	9.41	7.62	7.51
Oklahoma	8.56	8.32	7.03	7.44	5.06	5.23	--	--	7.17	7.28
Texas	11.54	11.18	8.06	8.00	5.82	5.82	5.33	5.08	8.95	8.79
Mountain	11.13	10.81	9.24	8.95	6.04	6.08	9.84	10.20	8.97	8.80
Arizona	11.03	10.91	9.52	9.24	5.84	6.11	8.07	--	9.39	9.34
Colorado	11.39	11.44	9.18	9.36	6.65	6.88	9.88	10.72	9.31	9.49
Idaho	9.66	9.17	7.59	7.30	5.64	5.43	--	--	8.06	7.66
Montana	10.74	9.88	10.84	9.31	5.18	5.59	--	--	9.35	8.64
Nevada	12.70	12.46	9.61	9.64	5.93	5.95	8.70	8.15	9.22	9.18
New Mexico	12.18	11.28	10.24	9.49	6.16	5.94	--	--	9.65	9.00
Utah	10.33	10.00	7.96	7.69	5.63	5.53	10.18	9.87	7.89	7.71
Wyoming	10.28	9.77	8.75	8.48	6.47	6.31	--	--	7.73	7.51
Pacific Contiguous	13.68	13.19	12.21	11.62	7.76	7.57	8.04	8.43	11.93	11.49
California	17.47	16.62	13.98	13.06	10.74	10.32	8.00	8.42	14.73	13.94
Oregon	10.30	10.08	8.76	8.67	5.78	5.97	9.15	8.46	8.81	8.80
Washington	8.13	8.58	7.66	7.89	4.21	4.34	8.27	8.36	6.98	7.33
Pacific Noncontiguous	26.22	27.50	23.92	25.71	23.24	26.09	--	--	24.47	26.42
Alaska	19.35	18.21	17.26	16.68	14.44	14.70	--	--	17.51	16.88
Hawaii	33.34	37.40	31.07	34.92	26.68	30.82	--	--	30.04	34.08
U.S. Total	12.10	11.65	10.30	10.34	6.62	6.94	10.67	10.29	10.19	10.13

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

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

Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.

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

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

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

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

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

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD	January 2015 YTD	January 2014 YTD
New England	19.75	17.17	16.39	15.38	12.45	12.71	12.57	10.78	17.34	15.81
Connecticut	21.00	18.29	16.79	15.74	13.20	13.45	10.84	18.50	18.44	16.79
Maine	15.62	14.45	14.81	14.31	10.07	11.79	--	--	14.12	13.79
Massachusetts	20.80	16.83	16.53	15.45	13.16	13.10	13.04	NM	17.87	15.69
New Hampshire	19.15	16.54	15.75	15.30	12.83	12.79	--	--	16.87	15.49
Rhode Island	17.72	20.16	17.85	15.48	15.32	14.20	17.95	15.92	17.55	17.41
Vermont	16.48	16.94	14.06	14.26	10.32	10.36	--	--	14.24	14.47
Middle Atlantic	15.64	15.63	12.53	14.05	7.14	8.91	12.57	12.03	12.81	13.72
New Jersey	15.31	15.26	11.98	13.88	10.35	15.11	12.58	10.29	13.16	14.54
New York	19.29	19.53	14.62	16.37	6.09	7.41	13.79	13.08	15.36	16.51
Pennsylvania	12.92	12.74	9.54	10.38	7.00	8.49	7.18	8.74	10.28	10.84
East North Central	12.12	11.27	9.57	9.41	6.70	6.93	6.68	5.47	9.65	9.39
Illinois	11.50	9.76	8.61	8.31	6.38	6.32	6.44	5.11	9.00	8.27
Indiana	10.64	10.16	9.63	9.44	6.72	6.88	9.66	9.23	8.86	8.76
Michigan	13.60	13.85	10.05	10.52	6.64	7.78	11.91	13.59	10.50	11.05
Ohio	12.05	10.98	9.67	9.31	6.66	6.83	7.38	7.06	9.76	9.30
Wisconsin	13.74	13.10	10.60	10.34	7.39	7.30	--	--	10.69	10.44
West North Central	10.07	9.75	8.51	8.37	6.38	6.33	8.15	7.76	8.58	8.45
Iowa	10.22	9.99	8.16	8.01	5.40	5.46	--	--	7.84	7.84
Kansas	11.34	10.94	9.53	9.33	7.36	7.11	--	--	9.67	9.41
Minnesota	11.51	11.33	9.07	9.15	6.68	6.85	9.55	9.49	9.28	9.37
Missouri	9.23	8.86	7.80	7.67	5.52	5.59	6.48	6.20	8.10	7.94
Nebraska	9.15	8.94	8.34	8.19	6.75	6.63	--	--	8.19	8.03
North Dakota	8.34	7.78	8.11	7.79	7.98	7.10	--	--	8.15	7.59
South Dakota	10.02	9.43	8.80	8.21	7.03	6.92	--	--	9.02	8.55
South Atlantic	11.30	11.11	9.56	9.72	6.57	6.97	8.79	9.23	9.91	9.99
Delaware	13.76	12.48	11.32	10.93	8.31	10.67	--	--	11.74	11.65
District of Columbia	13.84	12.60	12.59	13.26	7.76	4.42	NM	9.72	12.68	12.84
Florida	11.93	11.86	9.91	9.74	8.31	7.93	9.19	9.27	10.83	10.71
Georgia	10.43	10.83	9.78	10.80	5.86	7.08	5.38	6.81	9.22	10.06
Maryland	13.47	13.14	10.99	11.52	9.14	11.51	9.16	10.11	12.13	12.35
North Carolina	10.54	10.29	8.44	8.62	6.27	6.34	7.67	8.02	9.14	9.14
South Carolina	11.77	11.65	9.92	10.13	5.97	6.57	--	--	9.45	9.71
Virginia	10.80	10.09	8.48	8.04	7.45	6.79	8.75	8.03	9.47	8.89
West Virginia	9.06	9.01	7.81	7.71	5.86	5.99	10.04	9.92	7.68	7.83
East South Central	10.28	10.03	10.10	10.02	5.68	6.24	8.18	12.89	8.83	8.95
Alabama	10.99	10.72	10.63	10.75	5.58	6.20	--	--	8.95	9.25
Kentucky	9.50	9.42	8.90	8.88	5.15	6.13	--	--	7.80	8.19
Mississippi	11.06	10.44	10.97	10.53	6.54	6.31	--	--	9.58	9.18
Tennessee	9.96	9.74	10.10	10.00	5.94	6.41	8.18	12.89	9.18	9.20
West South Central	10.56	10.18	8.03	7.99	5.66	5.65	5.56	5.37	8.43	8.30
Arkansas	8.73	8.29	7.62	7.40	5.65	5.54	10.88	NM	7.54	7.25
Louisiana	8.80	8.49	8.84	8.68	5.50	5.37	8.38	9.41	7.62	7.51
Oklahoma	8.56	8.32	7.03	7.44	5.06	5.23	--	--	7.17	7.28
Texas	11.54	11.18	8.06	8.00	5.82	5.82	5.33	5.08	8.95	8.79
Mountain	11.13	10.81	9.24	8.95	6.04	6.08	9.84	10.20	8.97	8.80
Arizona	11.03	10.91	9.52	9.24	5.84	6.11	8.07	--	9.39	9.34
Colorado	11.39	11.44	9.18	9.36	6.65	6.88	9.88	10.72	9.31	9.49
Idaho	9.66	9.17	7.59	7.30	5.64	5.43	--	--	8.06	7.66
Montana	10.74	9.88	10.84	9.31	5.18	5.59	--	--	9.35	8.64
Nevada	12.70	12.46	9.61	9.64	5.93	5.95	8.70	8.15	9.22	9.18
New Mexico	12.18	11.28	10.24	9.49	6.16	5.94	--	--	9.65	9.00
Utah	10.33	10.00	7.96	7.69	5.63	5.53	10.18	9.87	7.89	7.71
Wyoming	10.28	9.77	8.75	8.48	6.47	6.31	--	--	7.73	7.51
Pacific Contiguous	13.68	13.19	12.21	11.62	7.76	7.57	8.04	8.43	11.93	11.49
California	17.47	16.62	13.98	13.06	10.74	10.32	8.00	8.42	14.73	13.94
Oregon	10.30	10.08	8.76	8.67	5.78	5.97	9.15	8.46	8.81	8.80
Washington	8.13	8.58	7.66	7.89	4.21	4.34	8.27	8.36	6.98	7.33
Pacific Noncontiguous	26.22	27.50	23.92	25.71	23.24	26.09	--	--	24.47	26.42
Alaska	19.35	18.21	17.26	16.68	14.44	14.70	--	--	17.51	16.88
Hawaii	33.34	37.40	31.07	34.92	26.68	30.82	--	--	30.04	34.08
U.S. Total	12.10	11.65	10.30	10.34	6.62	6.94	10.67	10.29	10.19	10.13

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Notes: - See Glossary for definitions. - Values are preliminary estimates based on a cutoff model sample.

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

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

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

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

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

Table 6.1. Electric Generating Summer Capacity Changes (MW) for Utility Scale Units, December 2014 to January 2015

Technology	As of End of December 2014	Activity During January 2015 as Reported to EIA		As of End of January 2015	Net Change in Capacity - Current Month and Prior Periods			Changes In and Total Net Summer Capacity - Outlook Based on Reports to EIA							
	Total In-Service Capacity	Actual Capacity Additions	Actual Capacity Reductions	Total In-Service Capacity	Current Month	Year to Date	Past 12 Months	Planned Capacity Additions		Planned Capacity Reductions		Planned Net Change		Planned Total Net Summer	
								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)	64,850.1	716.3	328.0	65,238.4	388.3	388.3	4,844.8	0.0	8,454.4	0.0	25.3	0.0	6,429.1	65,238.4	73,667.5
..... Solar Photovoltaic	8,368.7	370.9	0.6	8,739.0	370.3	370.3	3,150.6	126.9	2,498.3	0.0	0.0	126.9	2,498.3	8,865.9	11,237.3
..... Solar Thermal without Energy Storage	1,362.5	0.0	0.0	1,362.5	0.0	0.0	371.5	0.0	0.0	0.0	0.0	0.0	0.0	1,362.5	1,362.5
..... Solar Thermal with Energy Storage	295.4	0.0	0.0	295.4	0.0	0.0	0.0	0.0	116.0	0.0	0.0	0.0	116.0	295.4	411.4
..... Solar Subtotal	10,026.6	370.9	0.6	10,386.9	370.3	370.3	3,522.1	126.9	2,614.3	0.0	0.0	126.9	2,614.3	10,523.8	13,011.2
..... Conventional Hydroelectric	79,232.6	11.1	2.2	79,241.5	8.9	8.9	34.5	5.8	481.7	0.0	110.4	5.8	371.3	79,241.5	79,612.8
..... Wood/Wood Waste Biomass	8,330.3	0.0	3.8	8,326.5	-3.8	-3.8	-24.0	0.0	70.6	0.0	23.0	0.0	47.6	8,326.5	8,374.1
..... Landfill Gas	2,069.1	34.4	0.0	2,103.5	34.4	34.4	100.3	6.4	36.0	0.0	9.0	6.4	27.0	2,109.9	2,130.5
..... Municipal Solid Waste	2,230.7	0.0	0.0	2,230.7	0.0	0.0	3.0	0.0	85.0	0.0	0.0	0.0	85.0	2,230.7	2,315.7
..... Other Waste Biomass	877.0	3.0	0.0	820.0	3.0	3.0	14.7	9.9	49.2	0.0	0.0	9.9	49.2	829.9	868.2
..... Biomass Sources Subtotal	13,447.1	37.4	3.8	13,480.7	33.6	33.6	94.0	16.3	239.8	0.0	32.0	16.3	207.8	13,497.0	13,688.5
..... Geothermal	2,607.0	0.0	82.0	2,525.0	-82.0	-82.0	-82.0	0.0	1.8	0.0	0.0	0.0	1.8	2,525.0	2,526.8
..... Renewable Sources Subtotal	170,163.4	1,135.7	416.6	170,882.5	719.1	719.1	8,413.4	149.0	11,792.0	0.0	167.7	149.0	11,624.3	171,031.5	182,506.8
..... Natural Gas Fired Combined Cycle	229,557.0	263.6	233.0	229,607.6	50.6	50.6	7,707.6	0.0	5,426.2	0.0	6.0	0.0	5,420.2	229,607.6	235,021.8
..... Natural Gas Fired Combustion Turbine	124,650.5	150.4	4.7	124,798.2	145.7	145.7	161.3	8.8	1,556.3	0.0	1,396.5	8.8	159.8	124,805.0	124,956.0
..... Natural Gas with Compressed Air Storage	110.0	0.0	0.0	110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110.0	110.0
..... Other Natural Gas	77,814.6	31.4	4.2	77,841.8	27.2	27.2	-980.8	68.9	471.0	0.0	518.2	68.9	-47.2	77,910.7	77,794.6
..... Natural Gas Subtotal	432,126.1	465.4	241.9	432,349.6	223.5	223.5	6,888.1	77.7	7,453.5	0.0	1,920.7	77.7	5,532.8	432,427.3	437,882.4
..... Conventional Steam Coal	299,193.7	11.0	596.5	298,608.2	-585.5	-585.5	-3,742.1	0.0	10.0	0.0	12,381.9	0.0	-12,371.9	298,608.2	286,236.3
..... Coal Integrated Gasification Combined Cycle	791.0	0.0	0.0	791.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	791.0	791.0
..... Coal Subtotal	299,984.7	11.0	596.5	298,399.2	-585.5	-585.5	-3,742.1	0.0	10.0	0.0	12,381.9	0.0	-12,371.9	298,399.2	287,027.3
..... Petroleum Coke	2,319.7	0.0	0.0	2,319.7	0.0	0.0	-17.0	0.0	0.0	0.0	0.0	0.0	0.0	2,319.7	2,319.7
..... Petroleum Liquids	40,477.7	5.4	0.6	40,482.5	4.8	4.8	-604.1	1.8	8.7	0.0	808.7	1.8	-800.0	40,484.3	39,682.5
..... Other Gases	2,067.8	0.0	0.0	2,067.8	0.0	0.0	-40.0	0.0	0.0	0.0	3.2	0.0	-3.2	2,067.8	2,064.6
..... Fossil Fuels Subtotal	776,976.0	481.8	639.0	776,618.8	-357.2	-357.2	2,448.9	79.5	7,472.2	0.0	15,114.5	79.5	-7,642.3	776,698.3	766,976.5
..... Hydroelectric Pumped Storage	22,411.3	0.0	0.0	22,411.3	0.0	0.0	22.0	0.0	114.0	0.0	0.0	0.0	114.0	22,411.3	22,525.3
..... Flywheels	43.0	0.0	0.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	43.0
..... Batteries	149.6	0.0	0.0	149.6	0.0	0.0	4.0	0.0	10.5	0.0	0.0	0.0	10.5	149.6	160.1
..... Energy Storage Subtotal	22,603.9	0.0	0.0	22,603.9	0.0	0.0	26.0	0.0	124.5	0.0	0.0	0.0	124.5	22,603.9	22,728.4
..... Nuclear	98,620.9	0.0	0.0	98,620.9	0.0	0.0	-604.3	0.0	1,122.0	0.0	0.0	0.0	1,122.0	98,620.9	99,742.9
..... All Other	2,108.1	0.0	0.0	2,108.1	0.0	0.0	-16.9	0.0	15.0	0.0	0.0	0.0	15.0	2,108.1	2,123.1
TOTAL	1,070,472.3	1,617.5	1,255.6	1,070,834.2	361.9	361.9	10,309.7	228.5	20,525.7	0.0	15,282.2	228.5	5,243.5	1,071,062.7	1,076,077.7

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 significant 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, January 2015 and 2014 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
	New England	4,535.2	4,407.7	22,821.1	23,564.2	1,775.4	1,753.4	3.0	3.0	4,026.0	4,630.3	52.9	52.9	33,213.6
Connecticut	335.6	331.6	6,269.4	6,274.1	29.4	29.4	0.0	0.0	2,102.5	2,102.5	30.9	30.9	8,767.8	8,768.5
Maine	1,815.9	1,809.6	2,663.3	2,667.3	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,501.2	4,498.9
Massachusetts	859.0	754.5	9,792.4	10,526.8	1,746.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	13,077.7	13,685.6
New Hampshire	930.5	930.5	2,236.7	2,236.7	0.0	0.0	0.0	0.0	1,246.2	1,246.2	0.0	0.0	4,413.4	4,413.4
Rhode Island	50.3	49.5	1,759.8	1,759.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,810.1	1,809.3
Vermont	543.9	532.0	99.5	99.5	0.0	0.0	0.0	0.0	0.0	604.3	0.0	0.0	643.4	1,235.8
Middle Atlantic	10,181.5	10,087.1	69,232.1	69,239.5	3,341.0	3,341.0	40.0	40.0	19,234.3	19,234.3	11.2	11.2	102,040.1	101,953.1
New Jersey	655.9	584.0	14,258.7	13,882.4	420.0	420.0	0.0	0.0	4,107.5	4,107.5	11.2	11.2	19,453.3	19,005.1
New York	6,670.4	6,649.2	26,426.3	26,428.0	1,400.0	1,400.0	20.0	20.0	5,421.0	5,421.0	0.0	0.0	39,937.7	39,918.2
Pennsylvania	2,855.2	2,853.9	28,547.1	28,929.1	1,521.0	1,521.0	20.0	20.0	9,705.8	9,705.8	0.0	0.0	42,649.1	43,029.8
East North Central	9,684.8	9,146.6	121,126.4	122,181.5	1,872.0	1,872.0	24.0	20.0	18,838.1	18,838.1	109.1	109.1	151,654.4	152,167.3
Illinois	3,722.6	3,718.2	29,667.8	29,654.6	0.0	0.0	0.0	0.0	11,577.5	11,577.5	0.0	0.0	44,967.9	44,950.3
Indiana	1,959.1	1,711.6	25,396.6	25,396.6	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	27,443.7	27,196.2
Michigan	2,180.3	1,910.3	22,333.7	22,477.6	1,872.0	1,872.0	0.0	0.0	3,929.1	3,929.1	0.0	0.0	30,315.1	30,189.0
Ohio	710.0	703.6	28,832.6	29,624.1	0.0	0.0	24.0	20.0	2,134.0	2,134.0	0.0	0.0	31,700.6	32,481.7
Wisconsin	1,112.8	1,102.9	14,895.7	15,028.6	0.0	0.0	0.0	0.0	1,197.5	1,197.5	21.1	21.1	17,227.1	17,350.1
West North Central	19,298.8	18,196.4	62,516.7	62,131.4	657.0	657.0	1.0	1.0	5,888.0	5,888.0	24.5	24.5	88,386.0	86,898.3
Iowa	5,743.7	5,207.5	10,125.3	10,118.6	0.0	0.0	0.0	0.0	601.4	601.4	0.0	0.0	16,470.4	15,927.5
Kansas	2,990.9	2,990.9	10,174.3	10,077.3	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.8	0.8	14,341.0	14,244.0
Minnesota	3,517.9	3,467.5	10,625.3	10,598.3	0.0	0.0	1.0	1.0	1,673.0	1,673.0	18.4	18.4	15,835.6	15,758.2
Missouri	1,050.8	1,039.1	18,916.8	18,910.6	657.0	657.0	0.0	0.0	1,194.0	1,194.0	0.0	0.0	21,818.6	21,800.7
Nebraska	1,103.5	823.9	6,384.9	6,384.9	0.0	0.0	0.0	0.0	1,244.6	1,244.6	0.0	0.0	8,733.0	8,453.4
North Dakota	2,484.0	2,279.0	4,591.4	4,321.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	7,080.7	6,605.7
South Dakota	2,408.0	2,388.5	1,698.7	1,720.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,106.7	4,108.8
South Atlantic	12,797.5	12,362.1	162,582.1	160,804.0	7,905.2	7,905.2	32.0	32.0	24,562.6	24,562.6	902.7	930.0	208,782.1	206,595.9
Delaware	38.3	38.3	3,042.4	3,042.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,080.7	3,080.7
District of Columbia	0.0	0.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0
Florida	1,306.4	1,303.2	54,337.5	53,125.5	0.0	0.0	0.0	0.0	3,572.0	3,572.0	752.7	780.0	59,968.6	58,780.7
Georgia	2,821.6	2,813.6	29,473.5	29,473.5	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	0.0	0.0	38,218.3	38,210.3
Maryland	950.3	910.3	9,608.2	9,713.1	0.0	0.0	0.0	0.0	1,716.0	1,716.0	0.0	0.0	12,275.5	12,339.4
North Carolina	3,277.9	2,893.7	21,939.5	21,939.5	86.0	86.0	0.0	0.0	5,076.1	5,076.1	54.0	54.0	30,433.5	30,049.3
South Carolina	1,769.5	1,769.5	11,774.9	11,974.9	2,716.0	2,716.0	0.0	0.0	6,556.2	6,556.2	0.0	0.0	22,816.6	23,016.6
Virginia	1,747.5	1,747.5	17,037.6	16,162.0	3,241.0	3,241.0	0.0	0.0	3,581.3	3,581.3	96.0	96.0	25,703.4	24,827.8
West Virginia	886.0	886.0	15,358.5	15,364.1	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,276.5	16,282.1
East South Central	7,961.0	7,986.2	70,509.6	70,613.2	1,616.3	1,616.3	0.0	0.0	9,857.5	9,857.5	151.4	151.4	90,095.8	90,224.6
Alabama	3,889.6	3,948.6	22,917.1	23,361.1	0.0	0.0	0.0	0.0	5,043.4	5,043.4	0.0	0.0	31,850.1	32,353.1
Kentucky	903.6	901.4	20,098.2	20,102.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21,001.8	21,003.6
Mississippi	278.2	278.2	14,395.7	13,699.3	0.0	0.0	0.0	0.0	1,413.4	1,413.4	151.4	151.4	16,238.7	15,542.3
Tennessee	2,889.6	2,858.0	13,098.6	13,450.6	1,616.3	1,616.3	0.0	0.0	3,400.7	3,400.7	0.0	0.0	21,005.2	21,325.6
West South Central	22,715.8	19,933.9	146,968.2	144,309.4	288.0	288.0	36.0	36.0	8,904.4	8,904.4	425.9	425.9	179,338.3	173,897.6
Arkansas	1,632.6	1,632.6	11,306.3	11,306.3	28.0	28.0	0.0	0.0	1,819.0	1,819.0	0.0	0.0	14,785.9	14,785.9
Louisiana	642.9	642.9	23,791.9	23,257.3	0.0	0.0	0.0	0.0	2,125.4	2,125.4	202.3	202.3	26,762.5	26,227.9
Oklahoma	4,730.9	4,076.3	18,981.3	18,963.9	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	23,972.2	23,300.2
Texas	15,709.4	13,582.1	92,888.7	90,781.9	0.0	0.0	36.0	36.0	4,960.0	4,960.0	223.6	223.6	113,817.7	109,583.6
Mountain	20,770.0	19,854.8	64,239.2	63,944.2	778.8	778.8	2.6	2.6	3,937.0	3,937.0	111.4	111.4	89,839.0	88,628.8
Arizona	4,362.6	4,157.5	19,592.1	19,599.1	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,108.0	27,909.9
Colorado	3,398.5	3,122.8	11,070.2	11,075.8	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	15,040.5	14,770.4
Idaho	3,776.5	3,771.5	1,137.4	1,137.4	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	4,928.7	4,923.7
Montana	3,393.2	3,373.5	2,911.7	2,911.7	0.0	0.0	0.0	0.0	0.0	0.0	44.0	44.0	6,348.9	6,329.2
Nevada	2,290.0	1,987.5	8,250.6	8,684.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,540.6	10,672.1
New Mexico	1,166.9	1,060.4	6,898.6	6,881.1	0.0	0.0	2.6	2.6	0.0	0.0	0.0	0.0	8,068.1	7,944.1
Utah	666.7	666.0	7,629.3	7,000.3	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	8,327.8	7,698.1
Wyoming	1,715.6	1,715.6	6,749.3	6,654.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,476.4	8,381.3
Pacific Contiguous	61,895.1	59,468.3	52,631.5	53,400.5	4,177.6	4,177.6	6.0	6.0	3,373.0	3,373.0	292.4	275.4	122,375.6	120,700.8
California	25,213.7	23,080.6	43,981.2	44,972.2	3,863.6	3,863.6	6.0	6.0	2,240.0	2,240.0	235.6	218.6	75,540.1	74,381.0
Oregon	12,035.9	12,028.1	3,857.4	3,635.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,893.3	15,663.5
Washington	24,645.5	24,359.6	4,792.9	4,792.9	314.0	314.0	0.0	0.0	1,133.0	1,133.0	56.8	56.8	30,942.2	30,656.3
Pacific Noncontiguous	1,042.8	1,026.0	3,991.9	3,946.0	0.0	0.0	48.0	48.0	0.0	0.0	26.6	26.6	5,109.3	5,046.6
Alaska	487.4	482.6	1,919.9	1,875.0	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,434.3	2,384.6
Hawaii	555.4	543.4	2,072.0	2,071.0	0.0	0.0	21.0	21.0	0.0	0.0	26.6	26.6	2,675.0	2,662.0
U.S. Total	170,882.5	162,469.1	776,618.8	774,133.9	22,411.3	22,389.3	192.6	188.6	98,620.9	99,225.2	2,108.1	2,118.4	1,070,834.2	1,060,524.5

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 significant 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, January 2015 and 2014 (Megawatts)

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
	New England	801.7	800.9	279.8	159.4	0.0	0.0	1,958.9	1,952.6	1,494.8	1,494.8	0.0	0.0	4,535.2
Connecticut	0.0	0.0	9.0	5.0	0.0	0.0	122.2	122.2	204.4	204.4	0.0	0.0	335.6	331.6
Maine	430.6	430.6	0.0	0.0	0.0	0.0	733.0	726.7	652.3	652.3	0.0	0.0	1,815.9	1,809.6
Massachusetts	76.1	76.1	239.8	135.3	0.0	0.0	263.0	263.0	280.1	280.1	0.0	0.0	859.0	754.5
New Hampshire	171.0	171.0	0.0	0.0	0.0	0.0	514.4	514.4	245.1	245.1	0.0	0.0	930.5	930.5
Rhode Island	3.8	3.0	6.9	6.9	0.0	0.0	2.7	2.7	36.9	36.9	0.0	0.0	50.3	49.5
Vermont	120.2	120.2	24.1	12.2	0.0	0.0	323.6	323.6	76.0	76.0	0.0	0.0	543.9	532.0
Middle Atlantic	3,098.4	3,082.2	508.6	433.4	0.0	0.0	5,226.8	5,226.8	1,347.7	1,344.7	0.0	0.0	10,181.5	10,087.1
New Jersey	7.5	7.5	415.3	346.4	0.0	0.0	3.3	3.3	229.8	226.8	0.0	0.0	655.9	584.0
New York	1,747.0	1,730.8	51.2	46.2	0.0	0.0	4,332.3	4,332.3	539.9	539.9	0.0	0.0	6,670.4	6,649.2
Pennsylvania	1,343.9	1,343.9	42.1	40.8	0.0	0.0	891.2	891.2	578.0	578.0	0.0	0.0	2,855.2	2,853.9
East North Central	7,417.8	6,958.6	158.9	113.0	0.0	0.0	920.3	920.3	1,187.8	1,154.7	0.0	0.0	9,684.8	9,146.6
Illinois	3,525.1	3,525.1	31.9	31.6	0.0	0.0	34.1	34.1	131.5	127.4	0.0	0.0	3,722.6	3,718.2
Indiana	1,739.7	1,539.7	91.1	49.3	0.0	0.0	60.4	60.4	67.9	62.2	0.0	0.0	1,959.1	1,711.6
Michigan	1,397.3	1,141.1	0.0	0.0	0.0	0.0	331.4	331.4	451.6	437.8	0.0	0.0	2,180.3	1,910.3
Ohio	424.1	424.1	35.9	32.1	0.0	0.0	101.9	101.9	148.1	145.5	0.0	0.0	710.0	703.6
Wisconsin	331.6	328.6	0.0	0.0	0.0	0.0	392.5	392.5	388.7	381.8	0.0	0.0	1,112.8	1,102.9
West North Central	15,483.7	14,398.2	9.4	1.7	0.0	0.0	3,290.4	3,292.2	515.3	504.3	0.0	0.0	19,298.8	18,196.4
Iowa	5,578.4	5,047.0	0.0	0.0	0.0	0.0	144.9	144.9	20.4	15.6	0.0	0.0	5,743.7	5,207.5
Kansas	2,968.9	2,968.9	0.0	0.0	0.0	0.0	7.0	7.0	15.0	15.0	0.0	0.0	2,990.9	2,990.9
Minnesota	2,893.7	2,843.7	1.7	1.7	0.0	0.0	184.6	184.2	437.9	437.9	0.0	0.0	3,517.9	3,467.5
Missouri	458.5	458.5	7.7	0.0	0.0	0.0	568.1	570.3	16.5	10.3	0.0	0.0	1,050.8	1,039.1
Nebraska	810.0	530.4	0.0	0.0	0.0	0.0	277.8	277.8	15.7	15.7	0.0	0.0	1,103.5	823.9
North Dakota	1,964.2	1,759.2	0.0	0.0	0.0	0.0	510.0	510.0	9.8	9.8	0.0	0.0	2,484.0	2,279.0
South Dakota	810.0	790.5	0.0	0.0	0.0	0.0	1,598.0	1,598.0	0.0	0.0	0.0	0.0	2,408.0	2,388.5
South Atlantic	745.3	705.3	919.2	546.7	0.0	0.0	7,193.2	7,193.2	3,939.8	3,916.9	0.0	0.0	12,797.5	12,362.1
Delaware	2.0	2.0	28.3	28.3	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	38.3	38.3
District of Columbia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida	0.0	0.0	66.4	66.4	0.0	0.0	54.5	54.5	1,185.5	1,182.3	0.0	0.0	1,306.4	1,303.2
Georgia	0.0	0.0	67.6	61.1	0.0	0.0	2,044.9	2,044.9	709.1	707.6	0.0	0.0	2,821.6	2,813.6
Maryland	160.0	120.0	55.2	55.2	0.0	0.0	590.0	590.0	145.1	145.1	0.0	0.0	950.3	910.3
North Carolina	0.0	0.0	699.2	333.2	0.0	0.0	1,997.0	1,997.0	581.7	563.5	0.0	0.0	3,277.9	2,893.7
South Carolina	0.0	0.0	2.5	2.5	0.0	0.0	1,340.3	1,340.3	426.7	426.7	0.0	0.0	1,769.5	1,769.5
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	866.0	866.0	881.5	881.5	0.0	0.0	1,747.5	1,747.5
West Virginia	583.3	583.3	0.0	0.0	0.0	0.0	300.5	300.5	2.2	2.2	0.0	0.0	886.0	886.0
East South Central	29.1	29.1	45.2	13.6	0.0	0.0	6,721.6	6,719.4	1,165.1	1,224.1	0.0	0.0	7,961.0	7,986.2
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,272.2	3,272.2	617.4	676.4	0.0	0.0	3,889.6	3,948.6
Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	833.3	831.1	70.3	70.3	0.0	0.0	903.6	901.4
Mississippi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	278.2	278.2	0.0	0.0	278.2	278.2
Tennessee	29.1	29.1	45.2	13.6	0.0	0.0	2,616.1	2,616.1	199.2	199.2	0.0	0.0	2,889.6	2,858.0
West South Central	18,136.0	15,454.8	185.7	125.9	0.0	0.0	3,062.2	3,072.2	1,331.9	1,281.0	0.0	0.0	22,715.8	19,933.9
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	1,324.2	1,324.2	308.4	308.4	0.0	0.0	1,632.6	1,632.6
Louisiana	0.0	0.0	0.0	0.0	0.0	0.0	192.0	192.0	450.9	450.9	0.0	0.0	642.9	642.9
Oklahoma	3,779.5	3,132.9	0.0	0.0	0.0	0.0	875.2	867.2	76.2	76.2	0.0	0.0	4,730.9	4,076.3
Texas	14,356.5	12,321.9	185.7	125.9	0.0	0.0	670.8	688.8	496.4	445.5	0.0	0.0	15,709.4	13,582.1
Mountain	7,093.4	6,775.7	2,079.9	1,492.5	363.9	363.9	10,563.5	10,551.0	182.4	184.8	486.9	486.9	20,770.0	19,854.8
Arizona	237.3	237.3	1,074.8	866.9	295.4	295.4	2,720.4	2,719.4	34.7	38.5	0.0	0.0	4,362.6	4,157.5
Colorado	2,566.1	2,302.9	125.5	120.2	0.0	0.0	679.5	672.3	27.4	27.4	0.0	0.0	3,398.5	3,122.8
Idaho	962.7	962.7	0.0	0.0	0.0	0.0	2,708.1	2,704.5	95.7	94.3	10.0	10.0	3,776.5	3,771.5
Montana	632.1	612.4	0.0	0.0	0.0	0.0	2,758.1	2,758.1	3.0	3.0	0.0	0.0	3,393.2	3,373.5
Nevada	150.0	150.0	614.6	312.1	68.5	68.5	1,051.4	1,051.4	3.2	3.2	402.3	402.3	2,290.0	1,987.5
New Mexico	812.3	777.5	263.7	192.0	0.0	0.0	82.9	82.9	6.4	6.4	1.6	1.6	1,166.9	1,060.4
Utah	324.4	324.4	1.3	1.3	0.0	0.0	256.0	255.3	12.0	12.0	73.0	73.0	666.7	666.0
Wyoming	1,408.5	1,408.5	0.0	0.0	0.0	0.0	307.1	307.1	0.0	0.0	0.0	0.0	1,715.6	1,715.6
Pacific Contiguous	12,167.4	11,923.2	4,520.1	2,682.0	1,294.0	922.5	39,859.2	39,838.7	2,059.3	2,024.8	1,995.1	2,077.1	61,895.1	59,468.3
California	5,933.4	5,956.0	4,506.9	2,668.8	1,294.0	922.5	10,173.4	10,173.4	1,328.6	1,300.5	1,977.4	2,059.4	25,213.7	23,080.6
Oregon	3,160.9	3,160.9	12.7	12.7	0.0	0.0	8,517.1	8,515.7	327.5	321.1	17.7	17.7	12,035.9	12,028.1
Washington	3,073.1	2,806.3	0.5	0.5	0.0	0.0	21,168.7	21,149.6	403.2	403.2	0.0	0.0	24,645.5	24,359.6
Pacific Noncontiguous	265.6	265.6	32.2	20.2	0.0	0.0	445.4	440.6	256.6	256.6	43.0	43.0	1,042.8	1,026.0
Alaska	60.0	60.0	0.0	0.0	0.0	0.0	420.4	415.6	7.0	7.0	0.0	0.0	487.4	482.6
Hawaii	205.6	205.6	32.2	20.2	0.0	0.0	25.0	25.0	249.6	249.6	43.0	43.0	555.4	543.4
U.S. Total	65,238.4	60,393.6	8,739.0	5,588.4	1,657.9	1,286.4	79,241.5	79,207.0	13,480.7	13,386.7	2,525.0	2,607.0	170,882.5	162,469.1

Values are preliminary.

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a significant 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, January 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	
	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014	January 2015	January 2014
New England	11,720.9	11,720.9	1,111.3	1,111.3	868.1	884.9	2,089.3	2,382.7	0.0	0.0	7,031.5	7,464.4	0.0	0.0	22,821.1	23,564.2
Connecticut	2,504.6	2,504.6	482.2	482.2	63.3	75.9	383.4	383.4	0.0	0.0	2,835.9	2,828.0	0.0	0.0	6,269.4	6,274.1
Maine	1,250.0	1,250.0	297.2	297.2	119.0	119.0	85.0	85.0	0.0	0.0	912.1	916.1	0.0	0.0	2,663.3	2,667.3
Massachusetts	5,033.1	5,033.1	328.1	328.1	675.4	679.6	1,087.0	1,380.4	0.0	0.0	2,668.8	3,105.6	0.0	0.0	9,792.4	10,628.8
New Hampshire	1,201.0	1,201.0	3.8	3.8	0.0	0.0	533.9	533.9	0.0	0.0	498.0	498.0	0.0	0.0	2,236.7	2,236.7
Rhode Island	1,732.2	1,732.2	0.0	0.0	10.4	10.4	0.0	0.0	0.0	0.0	17.2	17.2	0.0	0.0	1,759.8	1,759.8
Vermont	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.5	99.5	0.0	0.0	99.5	99.5
Middle Atlantic	23,096.0	22,426.7	8,768.3	8,760.8	10,144.4	10,148.3	18,600.8	19,095.8	11.6	11.6	8,510.6	8,695.9	100.4	100.4	69,232.1	69,239.5
New Jersey	6,521.3	5,852.0	4,066.8	4,062.8	670.4	670.4	1,875.8	1,988.8	11.6	11.6	1,112.8	1,296.8	0.0	0.0	14,258.7	13,882.4
New York	8,236.0	8,236.0	3,020.5	3,017.0	7,675.4	7,679.3	2,507.3	2,507.3	0.0	0.0	4,987.1	4,988.4	0.0	0.0	26,426.3	26,428.0
Pennsylvania	8,338.7	8,338.7	1,681.0	1,681.0	1,798.6	1,798.6	14,217.7	14,599.7	0.0	0.0	2,410.7	2,410.7	100.4	100.4	28,547.1	28,929.1
East North Central	16,279.6	16,267.1	25,681.2	25,701.7	3,546.3	3,626.7	71,180.1	72,138.7	570.1	570.1	2,927.8	2,935.9	941.3	941.3	121,126.4	122,181.5
Illinois	2,965.5	2,957.7	10,169.6	10,169.6	228.0	228.0	15,498.4	15,498.4	0.0	0.0	688.6	683.2	117.7	117.7	29,667.8	29,654.6
Indiana	2,471.2	2,471.2	3,119.6	3,119.6	8.7	8.7	18,648.2	18,648.2	274.0	274.0	268.4	268.4	606.5	606.5	25,333.7	25,396.6
Michigan	4,214.8	4,210.1	3,590.4	3,614.4	3,020.0	3,117.1	10,946.5	10,946.5	47.2	47.2	514.8	542.3	0.0	0.0	22,333.7	22,477.6
Ohio	3,965.2	3,965.2	5,426.7	5,426.7	131.4	133.4	18,091.3	18,894.8	142.0	142.0	858.9	844.9	217.1	217.1	28,832.6	29,624.1
Wisconsin	2,629.9	2,629.9	3,374.9	3,371.4	158.2	139.5	7,995.7	8,150.8	106.9	106.9	597.1	597.1	0.0	0.0	14,895.7	15,028.6
West North Central	5,730.6	5,730.6	11,579.1	11,374.4	3,338.2	3,169.2	37,714.0	37,701.1	32.0	32.0	4,114.4	4,115.7	8.4	8.4	62,516.7	62,131.4
Iowa	1,112.8	1,112.8	1,105.6	1,105.6	299.1	291.1	6,562.3	6,562.3	32.0	32.0	1,013.5	1,014.8	0.0	0.0	10,125.3	10,118.6
Kansas	0.0	0.0	2,350.7	2,350.7	2,131.2	1,996.2	5,150.1	5,188.1	0.0	0.0	542.3	542.3	0.0	0.0	10,174.3	10,077.3
Minnesota	2,158.2	2,158.2	2,580.4	2,580.4	257.2	231.2	4,822.3	4,822.3	0.0	0.0	807.2	806.2	0.0	0.0	10,625.3	10,598.3
Missouri	1,830.0	1,830.0	3,367.6	3,370.9	230.8	230.8	12,343.4	12,332.9	0.0	0.0	1,145.0	1,146.0	0.0	0.0	18,916.8	18,910.6
Nebraska	339.6	339.6	1,152.2	1,152.2	407.3	407.3	4,170.5	4,170.5	0.0	0.0	315.3	315.3	0.0	0.0	6,384.9	6,384.9
North Dakota	0.0	0.0	328.0	120.0	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	4,321.4
South Dakota	290.0	290.0	694.6	694.6	12.6	12.6	475.0	496.6	0.0	0.0	226.5	226.5	0.0	0.0	1,698.7	1,720.3
South Atlantic	47,688.7	44,984.5	31,702.8	31,813.3	4,672.3	4,667.4	63,439.0	64,264.1	669.8	669.8	14,144.5	14,139.9	265.0	265.0	162,582.1	160,804.0
Delaware	1,196.0	1,196.0	181.0	181.0	876.0	876.0	410.0	410.0	0.0	0.0	114.4	114.4	265.0	265.0	3,042.4	3,042.4
District of Columbia	0.0	0.0	9.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	9.0
Florida	25,879.9	24,667.9	8,405.4	8,405.4	2,647.3	2,647.3	10,117.0	10,117.0	586.0	586.0	6,701.9	6,701.9	0.0	0.0	54,337.5	53,125.5
Georgia	7,921.8	7,921.8	7,799.1	7,799.1	155.0	155.0	12,412.1	12,412.1	83.8	83.8	1,101.7	1,101.7	0.0	0.0	29,473.5	29,473.5
Maryland	250.0	230.0	1,479.9	1,590.4	325.8	325.8	4,739.0	4,757.0	0.0	0.0	2,814.5	2,809.9	0.0	0.0	9,609.2	9,713.1
North Carolina	4,706.6	4,706.6	6,035.7	6,035.7	0.0	0.0	10,794.8	10,794.8	0.0	0.0	402.4	402.4	0.0	0.0	21,939.5	21,939.5
South Carolina	2,416.0	2,416.0	2,841.2	2,841.2	110.8	110.8	5,745.5	5,945.5	0.0	0.0	661.4	661.4	0.0	0.0	11,774.9	11,974.9
Virginia	5,318.4	3,846.2	3,877.6	3,877.6	557.4	546.9	4,947.0	5,554.1	0.0	0.0	2,337.2	2,337.2	0.0	0.0	17,037.6	16,162.0
West Virginia	0.0	0.0	1,073.9	1,073.9	0.0	5.6	14,273.6	14,273.6	0.0	0.0	11.0	11.0	0.0	0.0	15,358.5	15,364.1
East South Central	18,338.7	17,642.3	12,829.5	12,829.5	2,725.5	2,725.5	36,311.0	37,111.0	0.0	0.0	205.1	205.1	99.8	99.8	70,509.6	70,613.2
Alabama	9,373.1	9,373.1	2,530.6	2,530.6	178.3	178.3	10,692.7	11,136.7	0.0	0.0	42.6	42.6	99.8	99.8	22,917.1	23,361.1
Kentucky	0.0	0.0	4,812.6	4,812.6	0.0	0.0	15,215.7	15,219.7	0.0	0.0	69.9	69.9	0.0	0.0	20,098.2	20,102.2
Mississippi	7,562.6	6,866.2	1,716.9	1,716.9	2,547.2	2,547.2	2,526.0	2,526.0	0.0	0.0	43.0	43.0	0.0	0.0	14,395.7	13,699.3
Tennessee	1,403.0	1,403.0	3,769.4	3,769.4	0.0	0.0	7,876.6	8,228.6	0.0	0.0	49.6	49.6	0.0	0.0	13,098.6	13,450.6
West South Central	58,566.5	55,733.7	12,299.6	12,299.6	36,622.5	36,756.5	37,956.7	37,956.7	984.2	984.2	198.8	198.8	339.9	339.9	146,968.2	144,308.4
Arkansas	4,630.5	4,630.5	727.6	727.6	813.7	813.7	5,122.3	5,122.3	0.0	0.0	12.2	12.2	0.0	0.0	11,306.3	11,306.3
Louisiana	7,613.0	7,053.4	2,640.4	2,640.4	9,043.5	9,068.5	3,437.8	3,437.8	973.6	973.6	49.3	49.3	34.3	34.3	23,791.9	23,257.3
Oklahoma	7,114.9	7,097.5	1,189.9	1,189.9	5,297.0	5,297.0	5,305.1	5,305.1	0.0	0.0	74.4	74.4	0.0	0.0	18,981.3	18,963.9
Texas	39,208.1	36,952.3	7,741.7	7,741.7	21,468.3	21,577.3	24,091.5	24,091.5	10.6	10.6	62.9	62.9	305.6	305.6	92,888.7	90,781.9
Mountain	21,920.0	21,173.5	8,916.0	8,876.0	3,256.0	3,396.2	29,673.0	30,022.9	52.0	52.0	327.3	328.7	94.9	94.9	64,239.2	63,944.2
Arizona	9,806.4	9,806.4	2,367.6	2,367.6	1,177.6	1,177.6	6,150.0	6,157.0	0.0	0.0	90.5	90.5	0.0	0.0	19,592.1	19,599.1
Colorado	2,731.7	2,731.7	2,539.3	2,539.3	349.0	353.2	5,281.8	5,281.8	0.0	0.0	168.4	169.8	0.0	0.0	11,070.2	11,075.8
Idaho	567.5	567.5	543.0	543.0	4.3	4.3	17.2	17.2	0.0	0.0	5.4	5.4	0.0	0.0	1,137.4	1,137.4
Montana	0.0	0.0	362.1	362.1	54.0	54.0	2,442.1	2,442.1	52.0	52.0	0.0	0.0	1.5	1.5	2,911.7	2,911.7
Nevada	5,410.5	5,410.5	1,385.6	1,385.6	451.1	587.1	997.4	1,295.4	0.0	0.0	6.0	6.0	0.0	0.0	8,250.6	8,684.6
New Mexico	1,473.9	1,456.4	1,041.6	1,041.6	888.7	888.7	3,471.0	3,471.0	0.0	0.0	23.4	23.4	0.0	0.0	6,898.6	6,881.1
Utah	1,830.0	1,201.0	520.2	520.2	325.3	325.3	4,926.0	4,926.0	0.0	0.0	27.8	27.8	0.0	0.0	7,629.3	7,000.3
Wyoming	100.0	0.0	156.6	116.6	6.0	6.0	6,387.5	6,432.4	0.0	0.0	5.8	5.8	93.4	93.4	6,749.3	6,654.2
Pacific Contiguous	25,855.4	25,609.5	11,388.2	11,392.1	12,764.7	13,544.1	2,144.8	2,177.8	0.0	17.0	466.7	448.3	211.7	211.7	52,631.5	53,400.5
California	19,969.9	19,924.0	10,613.2	10,617.1	12,515.1	13,516.5	219.8	252.8	0.0	17.0	451.5	433.1	211.7	211.7	43,981.2	44,972.2
Oregon	2,916.6	2,916.6	133.8	133.8	222.0	0.0	585.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	3,857.4	3,635.4
Washington	2,768.9	2,768.9	641.2	641.2	27.6	27.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	4,792.9	4,792.9
Pacific Noncontiguous	605.2	605.2	520.2	476.2	13.8	13.8	290.5	290.5	0.0	0.0	2,555.8	2,553.9	6.4	6.4	3,991.9	3,946.0
Alaska	605.2	605.2	520.2	476.2	13.8	13.8	110.5	110.5	0.0	0.0	670.2	669.3	0.0	0.0	1,919.9	1,875.0
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,885.6	1,884.6	6.4	6.4	2,072.0	2,071.0
U.S. Total	229,601.6	221,894.0	124,796.2	124,634.9	77,951.8	78,932.6	299,399.2	303,141.3	2,319.7	2,336.7	40,482.5	41,086.6	2,067.8	2,107.8	776,618.8	774,133.9

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 significant 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	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	02	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	1	59275	CF SBC Master Tenant One LLC	IPP	Coronus Adelanto West 1	CA	59536	AW1	1.5	Solar Photovoltaic	SUN	PV
2015	1	59275	CF SBC Master Tenant One LLC	IPP	Coronus Adelanto West 2	CA	59537	AW2	1.5	Solar Photovoltaic	SUN	PV
2015	1	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV04	30.0	Solar Photovoltaic	SUN	PV
2015	1	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	10	21.0	Solar Photovoltaic	SUN	PV
2015	1	58790	Copper Mountain Solar 3, LLC	IPP	Copper Mountain Solar 3	NV	58915	9	24.0	Solar Photovoltaic	SUN	PV
2015	1	59176	Diamond Valley Solar LLC	IPP	Diamond Valley Solar Project	CA	59405	PV11	1.3	Solar Photovoltaic	SUN	PV
2015	1	58720	Enbridge	IPP	Keechi Wind	TX	58838	KW1	110.0	Onshore Wind Turbine	WND	WT
2015	1	56615	First Solar Energy LLC	IPP	Meadow Lake Solar Energy Center	NM	59618	MLK	9.1	Solar Photovoltaic	SUN	PV
2015	1	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-1	3.9	Conventional Hydroelectric	WAT	HY
2015	1	10210	Ketchikan Public Utilities	Electric Utility	Whitman	AK	58977	WPG-2	0.9	Conventional Hydroelectric	WAT	HY
2015	1	12647	Minnesota Power Inc	Electric Utility	Bison 4 Wind Energy Center	ND	58872	BISO4	205.0	Onshore Wind Turbine	WND	WT
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	O CIA3	5.5	Solar Photovoltaic	SUN	PV
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	9	18.5	Other Natural Gas	NG	IC
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Kinsley Landfill Solar	NJ	58877	KINS	8.6	Solar Photovoltaic	SUN	PV
2015	1	15477	Public Service Elec & Gas Co	Electric Utility	Parkland Landfill Solar	NJ	59001	PARK	7.8	Solar Photovoltaic	SUN	PV
2015	1	59121	Pumpjack Solar I, LLC	IPP	Pumpjack Solar I	CA	59322	GEN1	20.0	Solar Photovoltaic	SUN	PV
2015	1	59040	Rising Tree Wind Farm II LLC	IPP	Rising Tree Wind Farm II	CA	59235	GEN1	19.8	Onshore Wind Turbine	WND	WT
2015	1	58937	Rising Tree Wind Farm LLC	IPP	Rising Tree Wind Farm	CA	57621	GEN1	79.2	Onshore Wind Turbine	WND	WT
2015	1	58820	Shankle Solar Center LLC	IPP	Shankle Solar Center LLC	NC	58956	SHAN	4.8	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017A	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017B	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017C	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017D	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017E	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017F	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017G	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33A	0.5	Solar Photovoltaic	SUN	PV
2015	1	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33B	0.5	Solar Photovoltaic	SUN	PV
2015	1	58258	SunRay Power LLC	IPP	Leicester One MA Solar LLC	MA	58282	1	6.0	Solar Photovoltaic	SUN	PV

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a significant portion of capacity for some technologies such as solar photovoltaic generation. Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators. Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

Table 6.4. 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

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report. This exclusion may represent a significant portion of capacity for some technologies such as solar photovoltaic generation. Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators. Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

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

Year	Month	Entry ID	Entry Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source	Prime Mover Code	Status	Nameplate Capacity (MW)
2015	3	6915	Galena Electric Utility	Electric Utility	Galena Electric Utility	GA	7437	2A	0.3	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	0.1
2015	3	57104	Golden Springs Development Company LLC	IPP	Santa Fe Springs Rooftop Solar BLDG H	CA	58913	1	1.5	Solar Photovoltaics	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2015	3	57104	Golden Springs Development Company LLC	IPP	Santa Fe Springs Rooftop Solar BLDG M	CA	58913	1	1.5	Solar Photovoltaics	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2015	3	58955	Hooperwind Wind LLC	IPP	Hooperwind Wind LLC	IL	59021	HO01	88.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	98.0
2015	3	59284	Kona Solar, LLC	IPP	Park Meridian 1	CA	59339	1	1.5	Solar Photovoltaics	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2015	3	59284	Kona Solar, LLC	IPP	Rancho Cucamonga Dist #1	CA	59540	2	1.5	Solar Photovoltaics	SUN	PV	(V) Under construction, more than 50 percent complete	1.8
2015	3	59284	Kona Solar, LLC	IPP	Terra Franconia	CA	59541	3	1.5	Solar Photovoltaics	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2015	3	11208	Los Angeles Department of Water & Power	Electric Utility	Macley Solar Project	CA	57308	1	2.2	Solar Photovoltaics	SUN	PV	(V) Under construction, more than 50 percent complete	2.2
2015	3	58998	Mass Solar, LLC	IPP	Bratley Road 2	MA	58980	PV1	2.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.7
2015	3	58998	Mass Solar, LLC	IPP	Freestone Solar	MA	58983	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2015	3	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS12	62.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	64.0
2015	3	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS24	44.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	43.0
2015	3	58958	Performance Services	IPP	Punjab Energy Park	IN	57158	1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	3	59398	REIT Outgrowth, LLC	IPP	South Milford Solar Plant	UT	59620	SMS1	2.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.9
2015	3	58620	Redmon Solar Farm LLC	IPP	Redmon Solar Farm LLC	NC	59114	1	2.0	Solar Photovoltaics	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	3	58749	Retehach Nitrogen Pasadena LLC	Electric CHP	Retehach Nitrogen Pasadena Cogeneration	TX	58870	MS202	14.0	All Other	WH	ST	(TS) Construction complete, but not yet in commercial operation	15.4
2015	3	59020	SOlnCPower2, LLC	IPP	Two Mile Solar	NC	59427	TMS1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	3	58658	Sunlight Partners	IPP	Anethay Solar	PP	58730	PV1	3.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	3	58658	Sunlight Partners	IPP	Audrey Solar	NC	58732	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	3	58658	Sunlight Partners	IPP	Charlotte Solar	NC	58722	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	3	58658	Sunlight Partners	IPP	Eliana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	3	58658	Sunlight Partners	IPP	Milo Solar	NC	58739	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	3	58658	Sunlight Partners	IPP	Minnie Solar	NC	58743	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	3	58961	Tricon College	Commercial	Tricon East and West Cogen	IL	58375	5	0.4	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	0.4
2015	3	59298	Vega Solar, LLC	IPP	Vega Solar	CA	59555	VEGA1	20.0	Solar Photovoltaics	SUN	PV	(TS) Construction complete, but not yet in commercial operation	20.0
2015	3	59196	Wagapa Valley Creamery	Industrial	Wagapa Valley Creamery Back Up Generator	VA	59279	1	1.1	Petroleum Liquids	DFO	IC	(V) Under construction, less than or equal to 50 percent complete	1.4
2015	3	20544	Weatherford	Industrial	Flint River Operations	GA	59628	GEN2	15.0	Coal/Fired Waste Biomass	WGS	IC	(U) Under construction, more than 50 percent complete	30.0
2015	4	57369	Apple, Inc.	Commercial	FL Churchill PV	FL	59467	NV27	19.8	Solar Photovoltaics	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	19.8
2015	4	58987	B&W Wind LLC	IPP	Beethowen Wind	SD	59187	B&WH0	80.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	80.0
2015	4	7977	City of Hamilton - (OH)	Electric Utility	Middaht Hydroelectric Project	OH	58724	1	36.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	36.0
2015	4	7977	City of Hamilton - (OH)	Electric Utility	Middaht Hydroelectric Project	KY	58972	2	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	35.0
2015	4	19454	City of Ulnastka - (AK)	Electric Utility	Dutch Harbor	AK	7502	12	3.0	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	4.4
2015	4	57428	Consolidated Edison Development Inc.	Electric CHP	Bayview Park	CA	58885	RM	1.5	Landfill Gas	NG	IC	(U) Under construction, more than 50 percent complete	1.4
2015	4	56769	Consolidated Edison Development Inc.	IPP	Corcoran Solar 2	CA	59413	C2CA	19.8	Solar Photovoltaic	SUN	PV	(U) Under construction, more than 50 percent complete	19.8
2015	4	59393	Coronal Lost Hills, LLC	IPP	Coronal Lost Hills	CA	59638	CLH	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0001	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2015	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58456	0002	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2015	4	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0003	1.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2015	4	58523	Enduryne Power Systems Inc	IPP	Onslow Energy	NC	59038	GEN 1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	4	58618	First Solar Energy LLC	IPP	Lost Hills	CA	59111	BUL	12.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	12.0
2015	4	58615	First Solar Energy LLC	IPP	Lost Hills	CA	59111	LTHL	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	4	58673	Green Energy Team LLC	IPP	Barnass to Energy Facility, Kauai	HI	59035	MKA1	8.0	Other Waste Biomass	AB	ST	(V) Under construction, more than 50 percent complete	9.3
2015	4	49993	Inverness Services LLC	IPP	Nelson Energy Center	IL	55183	CT11	156.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, more than 50 percent complete	181.0
2015	4	49993	Inverness Services LLC	IPP	Nelson Energy Center	IL	55183	CT12	105.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, more than 50 percent complete	179.4
2015	4	49993	Inverness Services LLC	IPP	Nelson Energy Center	IL	55183	ST1	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete	133.0
2015	4	49993	Inverness Services LLC	IPP	Nelson Energy Center	IL	55183	ST2	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete	133.0
2015	4	89118	Los Ventos Windtower III, LLC	IPP	Los Ventos Windtower III	TX	59030	TX	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	4	11824	Manzanuka Electric Asen Inc	Electric Utility	Ekuna Generation Station	AK	58989	EGS01	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Manzanuka Electric Asen Inc	Electric Utility	Ekuna Generation Station	AK	58989	EGS02	16.6	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Manzanuka Electric Asen Inc	Electric Utility	Ekuna Generation Station	AK	58989	EGS03	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Manzanuka Electric Asen Inc	Electric Utility	Ekuna Generation Station	AK	58989	EGS04	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Manzanuka Electric Asen Inc	Electric Utility	Ekuna Generation Station	AK	58989	EGS05	16.6	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	11824	Manzanuka Electric Asen Inc	Electric Utility	Ekuna Generation Station	AK	58989	EGS06	16.5	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation	17.1
2015	4	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN3	1.0	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	4	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN4	0.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	0.2
2015	4	12670	Missouri Jnt Man/Pwr Elec. Ut. Comm.	Electric Utility	Fredricktown Energy Center	MO	57548	UNIT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	13.8
2015	4	12670	Missouri Jnt Man/Pwr Elec. Ut. Comm.	Electric Utility	Fredricktown Energy Center	MO	57548	UNIT2	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	13.8
2015	4	14077	Oklahoma Municipal Power Authority	Electric Utility	Charles D. Lamb Energy Center	OK	58325	1	122.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	122.0
2015	4	59177	Pera Engineers	IPP	Low Farm Solar	NC	59408	SY51	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2015	4	22142	South Coast Cogeneration Assoc	Commercial	Elkton Calif. Santa Cruz Cogeneration	CA	57464	CO3	4.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	4.0
2015	4	59199	SOlnCPower2, LLC	IPP	GKS Solar	NC	59428	GKS1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	4	59352	Soal City Solar	IPP	Soal City Solar	NC	59008	FL51	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2015	4	59731	Suncoast Corporation of the Americas	IPP	Menique Creek Wind	TX	59033	MSC04	211.0	Onshore Wind Turbine	WND	WT	(U) Under construction, more than 50 percent complete	311.0
2015	4	59457	Sun Harvest Solar, LLC	IPP	Sun Harvest Solar NDP1	CA	59887	NDP1	1.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.5
2015	4	58734	Sunfish Farm LLC	IPP	Sunfish Farm	NC	58964	1	5.0	Solar Photovoltaics	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	4	59581	Vicksburg Solar	IPP	Vicksburg Solar	NC	59005	FL81	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	4	59918	Vincennes Farm 2 LLC	IPP	Vincennes Farm 2 LLC	NC	59113	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	5	59212	Adelanto II Solar, LLC	IPP	Adelanto II Solar, LLC	CA	59440	SAS	7.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	7.0
2015	5	59296	Alamo Solar, LLC	IPP	Alamo Solar	CA	59469	ALAMO	18.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	18.0
2015	5	40577	American Man Power/Ohio, Inc	Electric Utility	Carnation Hydroelectric Plant	OH	57389	CO11	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	29.3
2015	5	40577	American Man Power/Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	OH	57401	CO12	22.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	22.0
2015	5	7977	City of Hamilton - (OH)	Electric Utility	Middaht Hydroelectric Project	OH	58723	3	36.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	36.0
2015	5	56545	Colton Solar One, LLC	IPP	Colton Solar One, LLC	CA	59597	CS001	2.3	Solar Photovoltaic	SUN	PV	(U) Under construction, more than 50 percent complete	2.3
2015	5	56769	Consolidated Edison Development Inc.	IPP	Awail Island West Solar	CA	59414	AWICA	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	5	5906	EDF Renewable Services Inc	IPP	Longhorn Wind	TX	58772	GEN1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	5	59407	FLS Solar 230 (Warren)	IPP	FLS Solar 230 (Warren)	NC	59946	FLS1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	5	7349	Golden Soread Electric Cooperative, Inc	Electric Utility	Elk Station	TX	58935	ELK1	189.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	202.0
2015	5	49993	Inverness Services LLC	IPP	Buckeye Wind Energy Center	KS	58787	1	25.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	25.0
2015	5	49993	Inverness Services LLC	IPP	Buckeye Wind Energy Center	KS	58787	2	70.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	70.0
2015	5	49993	Inverness Services LLC	IPP	Buckeye Wind Energy Center	KS	58787	3	105.0	Onshore Wind Turbine	WND	WT		

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

Year	Month	Entry ID	Entry Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summ. Capacity (MW)	Technology	Energy Source	Prime Mover	Status	Nameplate Capacity (MW)
2015	6	58904	Arand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58903	INV2	0.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.1
2015	6	58904	Arand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58903	INV3	0.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.1
2015	6	58904	Arand Energy Solutions, LLC	IPP	Kenansville Solar 2, LLC	NC	58903	INV4	0.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.1
2015	6	59251	Brigham Young Univ Idaho	Commercial	BYU Central Energy Facility	ID	59495	ST001	4.8	Natural Gas Fired Combined Cycle	NG	GT	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	18856	City of Vineland - (NJ)	Electric Utility	Charville	NJ	58235	1	63.0	Natural Gas Fired Combined Cycle	NG	GT	(V) Under construction, more than 50 percent complete	73.0
2015	6	59060	EDR Renewable Services Inc	IPP	Catrina Solar 2, LLC	CA	59034	INV-1	18.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	18.0
2015	6	59276	ESA Four Oaks NC 1, LLC	IPP	4065	NC	59034	4065	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	6	59277	ESA Princeton NC, LLC	IPP	Princeton	NC	59033	PRCYN	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	6	58970	Ecoplexus, Inc	IPP	Berthall Bridge PV 1	NC	59010	BENT1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	6	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	6	58970	Ecoplexus, Inc	IPP	Flat Meeks PV 1	NC	59014	FLAT1	3.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.4
2015	6	58970	Ecoplexus, Inc	IPP	Lane River PV 1	NC	59021	LTRVR	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	6	58970	Ecoplexus, Inc	IPP	Manning PV 1	NC	59023	MANN	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	6	58970	Ecoplexus, Inc	IPP	Old Catawba PV 1	NC	59019	OLDC	3.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.5
2015	6	59130	Faison Solar	IPP	Faison Solar	NC	59133	FAIS1	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2015	6	59150	Fresh Solar Energy LLC	IPP	North Star Solar	CA	58713	NSTR	62	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	62.0
2015	6	59691	Garson Energy Center LLC	IPP	Garson Energy Center LLC	DE	57349	CT01	183.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	226.0
2015	6	59691	Garson Energy Center LLC	IPP	Garson Energy Center LLC	DE	57349	ST02	126.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	126.0
2015	6	59430	Imperial Valley Solar Co (IVSC) 2	IPP	Imperial Valley Solar Co (IVSC) 2	CA	59057	IVSC2	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	6	5924	Indiana Municipal Power Agency	Electric Utility	IMPA Crawfordville Solar Park	IN	59482	SCRAW	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2015	6	5924	Indiana Municipal Power Agency	Electric Utility	IMPA Peru Solar Park	IN	59481	SPERU	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2015	6	5924	Indiana Municipal Power Agency	Electric Utility	IMPA Tai Chi Solar Park	IN	59482	STELL	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
2015	6	59554	LVA BLSD, LLC	IPP	LVA BLSD, LLC	FL	59511	LXLB8	6.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	6.0
2015	6	59905	Marion Solar LLC	IPP	Bolmont	IN	59172	PV1	3.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.8
2015	6	59886	Marion Solar LLC	IPP	Marion Solar LMG	IN	59180	PV1	1.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.6
2015	6	11664	Math Technologies Corp	IPP	Alta Mesa Project Phase IV	CA	58252	GEN1	40.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	40.0
2015	6	59377	McInerney Solar LLC	IPP	Solar Sky	CA	59388	SKY1	32	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	33.0
2015	6	54888	NRG Texas Power LLC	IPP	P-H Robinson	TX	3466	PHR1	60.0	Natural Gas Fired Combined Cycle	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P-H Robinson	TX	3466	PHR2	60.0	Natural Gas Fired Combined Cycle	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P-H Robinson	TX	3466	PHR3	60.0	Natural Gas Fired Combined Cycle	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P-H Robinson	TX	3466	PHR4	60.0	Natural Gas Fired Combined Cycle	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	54888	NRG Texas Power LLC	IPP	P-H Robinson	TX	3466	PHR5	60.0	Natural Gas Fired Combined Cycle	NG	GT	(U) Under construction, less than or equal to 50 percent complete	71.2
2015	6	59278	Niro Solar LLC	IPP	Niro Solar	CA	59051	NS1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTC-3	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	232.0
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-4	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	232.0
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	STG-2	300.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	339.0
2015	6	59146	Red Horse 2	Electric Utility	Wapauan	WI	58888	WAT	122	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	122.0
2015	6	59146	Red Horse 2	Electric Utility	Wapauan	AZ	58883	RH2S	51.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	51.0
2015	6	59146	Red Horse 2	Electric Utility	Wapauan	AZ	58833	RH2W	30.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	30.0
2015	6	59242	Rising Tree Wind Farm III, LLC	IPP	Rising Tree Wind Farm III	CA	59238	RTW3	9.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	9.0
2015	6	59278	Sarah Solar, LLC	IPP	Sarah Solar	NC	59000	SARAH	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	6	59918	University of California San Diego	Commercial	University of California San Diego	CA	57584	BS1	2	Batteries	MMH	BA	(P) Planned for installation, but regulatory approvals not initiated	2.0
2015	6	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch A	CA	58418	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch B	CA	58419	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2015	6	58984	Winton Solar LLC	IPP	Winton Solar	NC	59177	WMVPU	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	6	58982	Woodward Solar	IPP	Woodward Solar	NC	59175	WMVPU	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	6	59661	iPower	IPP	Laneworth Greenworks LLC	WY	59276	LEAW	9.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	71.5
2015	6	59661	iPower	IPP	SEPV Palmdale East	CA	59273	PALME	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2015	6	59661	iPower	IPP	Serra 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	6	59661	iPower	IPP	Kettleman Solar, Centaurus	CA	59653	KCS	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2015	7	4161	Constellation Power Source Gen	IPP	Prerynam	MD	1506	GT6	109.8	Natural Gas Fired Combined Cycle	NG	GT	(V) Under construction, more than 50 percent complete	141.0
2015	7	58970	Ecoplexus, Inc	IPP	Baker PV 1	NC	59017	BAKE1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2015	6	58970	Ecoplexus, Inc	IPP	Thomson PV1	NC	59153	THOM1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	7	59155	Fresh Wind O&M, LLC	IPP	Greenville Solar Plant	NC	58003	GVSPI	2.2	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.2
2015	7	59304	Fofire Farm, LLC	IPP	Fofire Solar Farm	UT	59063	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	7	11208	Los Angeles Department of Water & Power	Electric Utility	Van Norman Bypass Solar Project	CA	57307	1	3.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.4
2015	7	59241	Manoopa West Solar P.V., LLC	IPP	Manoopa West Solar	CA	59027	MMW	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	7	59241	Manoopa West Solar P.V., LLC	IPP	Manoopa West Solar	CA	59027	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	7	57457	Newark Energy Center, LLC	IPP	Newark Energy Center	NJ	58079	GT-1	200.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	225.0
2015	7	57457	Newark Energy Center, LLC	IPP	Newark Energy Center	NJ	58079	GT-2	200.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	225.0
2015	7	57457	Newark Energy Center, LLC	IPP	Newark Energy Center	NJ	58079	STG-1	285.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	285.0
2015	7	59222	Outokumpu Incorporated	Commercial	P Plant	CA	59456	P-TGS	4.0	Natural Gas Fired Combined Cycle	NG	GT	(V) Under construction, more than 50 percent complete	4.0
2015	7	59308	Shell Solar Farm, LLC	IPP	Shell Solar Farm	NC	59091	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	7	7609	Southern California Edison Co	IPP	Tehachan Energy Storage Project	CA	59961	TS1	8.0	Batteries	MMH	BA	(TS) Construction complete, but not yet in commercial operation	8.0
2015	7	59340	Sikeleather Farm, LLC	IPP	Sikeleather Farm, LLC	NC	59095	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	7	59332	Yadkin 801 Farm, LLC	IPP	Yadkin 801 Farm	NC	59087	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2015	8	59897	705M Brea LLC	IPP	Catbatina Solar Farm	CA	59088	GEN1	20.0	Solar Photovoltaic	CA	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	8	58857	ETRL Brea LLC	IPP	Woodmere Solar Farm	CA	59008	PV1	15.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	15.0
2015	8	803	Arizona Public Service Co	Electric Utility	City of Phoenix	AZ	59444	PV1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2015	8	59772	Robin Wind LLC	IPP	Robin Wind LLC	OK	59003	BA1	299	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	299.7
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN1	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN2	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN3	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN4	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN5	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN6	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN7	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN8	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN9	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN10	0.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.2
2015	8	58877	Blue Heron Hydro LLC	IPP	Ball Mountain Hydro	VT	59040	GEN11	0.1	Conventional Hydroelectric	WAT	HY		

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

Year	Month	Entry ID	Entry Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summed Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG1	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG10	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG2	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG3	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG4	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG5	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG6	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG7	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG8	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	40229	Old Dominion Electric Coop	PP	Monterey Diesel Generation Facility	VA	59614	MDG9	0.1	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	0.1
2015	8	58872	Shannon Wind LLC	PP	Shannon Wind	TX	59034	SHAN1	204.1	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	204.0
2015	8	58334	WEHMAN Energy Corporation	PP	Brookhaven Facility	NY	58778	BH4	0.5	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	0.5
2015	8	58718	Windcooper Hill Solar, LLC	PP	Windcooper Hill Solar, LLC	NC	58847	WHS1	1	5.0 Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2015	8	58330	Wormack Farm, LLC	PP	Wormack Farm	NC	59585	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	8	59211	Adelanti Solar, LLC	PP	Adelanti Solar, LLC	CA	59441	SNS	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2015	8	59881	Bethel Solar LLC	PP	Bethel Solar	NC	59173	BNV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	8	57365	Consolidated Edison Solutions Inc	PP	Future Generation Wind	MA	59622	FGMA	7.8	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	8.0
2015	8	50123	Infran Asset Management LLC	PP	Ro Bravo Solar 1 LLC	CA	59249	PV1	19.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2015	8	50123	Infran Asset Management LLC	PP	Wildcat Solar 1	CA	59253	PV1	14.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	15.0
2015	8	56900	NJR Clean Energy Ventures Corporation	PP	Harmony	NJ	59027	HARMY	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	8	56900	NJR Clean Energy Ventures Corporation	PP	Harmony Wind Farm LLC	NJ	59027	HARMY	1	48.0 Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	48.3
2015	8	15477	Public Service Etec & Gas Co	PP	L&D Landfill Solar	NJ	59001	LAD	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2015	8	58552	Roundtop Energy LLC	PP	Roundtop	PA	58715	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	8	58552	Roundtop Energy LLC	PP	Roundtop	PA	58715	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	8	58552	Roundtop Energy LLC	PP	Roundtop	PA	58715	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	8	58552	Roundtop Energy LLC	PP	Roundtop	PA	58715	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	8	58552	Roundtop Energy LLC	PP	Roundtop	PA	58715	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	8	58552	Roundtop Energy LLC	PP	Roundtop	PA	58715	GEN6	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	8	58482	WM Renewable Energy LLC	PP	Saddleback Ridge Wind Farm	CA	58683	WES1	34.2	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	34.0
2015	8	58482	WM Renewable Energy LLC	PP	Waste Management Tri-Cities LFGTE	CA	57164	GEN1	1.8	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.8
2015	8	58482	WM Renewable Energy LLC	PP	Waste Management Tri-Cities LFGTE	CA	57164	GEN2	1.8	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.8
2015	8	15911	Boyer White Power LLC	PP	Boyer Catalytic Incineration Facility	IN	59148	BN1	40.0	Other Waste Biomass	WBS	IC	(U) Under construction, less than or equal to 50 percent complete	40.0
2015	10	58970	Ecopelusa, Inc	PP	Shawboro PV1	MD	59195	SHAW1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	10	58952	Fair Wind Power Partners	PP	Fair Wind Power	MD	59147	FV1	30.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	30.0
2015	10	59150	First Wind O&M, LLC	PP	Dartford Wind Project	NE	57032	DF1	148.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	148.0
2015	10	29253	Louisiana Energy & Power Authority	Electric Utility	LEPA Unit No. 1	LA	58478	LEPA1	19.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, more than 50 percent complete	19.0
2015	10	12341	MidAmerican Energy Co	PP	Adams Wind	IA	59037	ADWF	150.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	153.4
2015	10	60325	North Star Farm, LLC	PP	North Star Farm	NC	59580	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	10	11781	Northern States Power Co - Minnesota	Electric Utility	Bondar Wind Farm	MN	59203	BDNF	200.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2015	10	113781	Northern States Power Co - Minnesota	Electric Utility	Pleasant Valley Wind Farm	MN	59001	PV1	200.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2015	10	59143	Old Mill Solar	PP	Old Mill Solar	OR	59374	OMSLR	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	10	58588	Orin Energy Charlotte	PP	Orin Energy Charlotte	NC	58923	OR1	1	4.0 Other Waste Biomass	WBS	IC	(U) Under construction, less than or equal to 50 percent complete	4.0
2015	10	56545	Pattern Operators LP	PP	Logans Gap Wind LLC	TX	59442	L1	200.1	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	200.1
2015	10	58428	Sandero Wind Energy, LLC	PP	Sandero Wind Energy, LLC	TX	59654	S1	78.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	78.0
2015	10	58814	Sibley Wind Substation LLC	PP	Sibley Wind	MN	58950	SW1	18.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	18.0
2015	10	58926	Thunder Spill Wind, LLC	PP	Thunder Spill Wind, LLC	ND	58956	THNDR	150.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	150.0
2015	11	57369	Apple, Inc	Commercial	Apple Data Center PV3	NC	59474	DCPV3	17.4	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	17.4
2015	11	58662	Blue Mountain Power Partners	PP	Blue Mountain Wind Farm	UT	58764	BM1	80.0	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	80.0
2015	11	58208	Coalco Solar Energy II LLC	PP	Green Farm	NC	59148	GM1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	11	58208	Coalco Solar Energy II LLC	PP	Simons Farm	NC	59149	SMON	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2015	11	11288	City of Lowell - (NB)	Electric Utility	Chatham	NC	58254	CTOR	3.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	3.0
2015	11	58068	EQF Renewable Services Inc	PP	Roseville County	CA	58771	GEN1	200.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	11	49932	Enel North America, Inc.	PP	Goodwell Wind Project LLC	OK	58998	GWWP	200.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2015	11	59150	First Wind O&M, LLC	PP	South Plains Wind Phase 1	TX	59384	NK1	200.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2015	11	58891	Jancho Power, LLC	PP	Jancho Power	NE	59070	WT1	12.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	12.0
2015	11	59227	Key Wind, LLC	PP	Key Wind, LLC	OK	58940	KEY1	299.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	299.0
2015	11	58449	Manah North West LLC	PP	Manah Renewable Energy Center Phase 1	TX	59005	MAR1	109.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	113.2
2015	11	58653	Outbow Creek Energy LLC	PP	Outbow Creek	PA	58714	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	11	58653	Outbow Creek Energy LLC	PP	Outbow Creek	PA	58714	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	11	58653	Outbow Creek Energy LLC	PP	Outbow Creek	PA	58714	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	11	58653	Outbow Creek Energy LLC	PP	Outbow Creek	PA	58714	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	11	58653	Outbow Creek Energy LLC	PP	Outbow Creek	PA	58714	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	11	58653	Outbow Creek Energy LLC	PP	Outbow Creek	PA	58714	GEN6	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2015	11	59274	SR Hacheyurt LLC	PP	SR Hacheyurt	CA	59235	HACH1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2015	11	58930	Targent Energy Solutions	PP	DD Fayetteville Solar NC LLC	NC	59117	PV1	23.1	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	23.1
2015	11	54900	Tridewind Energy, Inc.	PP	Breakridge Wind Project LLC	OK	58894	BWP	98.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	98.0
2015	11	58601	Wahona South LLC	PP	Horbushin Solar Blessings Park	HI	58656	INV-1	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	11	58601	Wahona South LLC	PP	Horbushin Solar Blessings Park	HI	58656	INV-2	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	11	58601	Wahona South LLC	PP	Horbushin Solar Blessings Park	HI	58656	INV-3	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5
2015	12	59703	Apple One LLC	PP	Apple One	NC	59628	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59039	Arbuckle Mountain Wind Farm LLC	PP	Arbuckle Mountain Wind Farm LLC	OK	59234	GEN1	100.0	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	100.0
2015	12	58880	Ayrshire Holdings, LLC	PP	Ayrshire	NC	58792	PV1	19.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	19.4
2015	12	60247	Beaufort Solar II LLC	PP	Beaufort Solar II	NC	59489	BEANF	4.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.3
2015	12	58625	Black Oak Wind, LLC	PP	Black Oak Wind Farm	NC	58692	WO1	42.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	42.0
2015	12	58562	Blueberry One, LLC	PP	Blueberry One	NC	59005	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	59510	Bradley Farm, LLC	PP	Bradley Farm	NC	59568	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	57260	CSQUARE W West LLC	PP	Imperial Solar Energy Center West	CA	57481	58819	148.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	148.2
2015	12	59006	Calypso Farm LLC	PP	Calypso Farm	NC	59212	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2015	12	58699	Cameron Wind 1 LLC	PP	Cameron Wind 1 LLC	TX	59118	CAM1	164.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	164.0
2015	12	59427	Cherokee County Wind Farm	PP	Cherokee County Wind Farm	GA	59553	CCV1	75.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	75.0
2015	12	58391	Chicocho Wind Farm LLC	PP	Chicocho Wind Farm	OK	58408	CH1						

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

Year	Month	Entry ID	Entry Name	Plant Producer	Plant Name	Plant Type	Plant ID	Generator ID	Net Summed Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)	
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	2.1	
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	2.1	
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	2.1	
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	2.1	
2015	12	59009	Henoford Holdings LLC	IPP	Henoford	NC	59215	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	4.0	
2015	12	59246	Highwater Solar	IPP	Highwater Solar 1	NC	59487	HGHW	4.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0	
2015	12	59000	Holzer Holdings LLC	IPP	Holzer Solar	NC	59218	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58576	Holsten Holdings, LLC	IPP	Holsten Plant	NC	58523	PV1	20.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	20.0	
2015	12	15399	Ironbridge Renewables Inc	IPP	El Cabo Wind	NM	58398	1	288.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending, Not under construction	288.0	
2015	12	59285	Ironbridge Solar 4, LLC	IPP	Ironbridge Solar 4	NC	59542	OS6	3.0	Solar Photovoltaics	SUN	PV	(T) Regulatory approvals received, Not under construction	3.0	
2015	12	59003	Jackson Solar Farm LLC	IPP	Jackson Solar Farm	NC	59210	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58811	Kakabala Solar One LLC	IPP	Kakabala Solar One	HI	57569	KSA1A	3.0	Solar Thermal with Energy Storage	SUN	OP	(L) Regulatory approvals pending, Not under construction	3.0	
2015	12	58911	Kakabala Solar One LLC	IPP	Kakabala Solar One	HI	57569	KSA1B	3.0	Solar Thermal with Energy Storage	SUN	OP	(L) Regulatory approvals pending, Not under construction	3.0	
2015	12	58773	Kingfisher Wind LLC	IPP	Kingfisher Wind LLC	OK	58902	KN21	300.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	300.0	
2015	12	58783	Kirkwall Holdings, LLC	IPP	Kirkwall Holdings	NC	58791	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	59395	L&L Kingfisher, LLC	IPP	L&L Kingfisher, LLC	FL	59012	LNK2	6.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	6.0	
2015	12	59246	Lamer Solar	IPP	Lamer Solar	NC	59486	LAME	4.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0	
2015	12	58783	Longhorn Holdings, LLC	IPP	Longhorn Holdings	NC	58781	PV1	5.0	Solar Photovoltaics	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	118.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	118.0	
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	7	89.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	89.0	
2015	12	59343	Maricopa East Solar PV, LLC	IPP	Maricopa East Solar	CA	59039	MES1	18.0	Solar Photovoltaics	SUN	PV	(T) Regulatory approvals received, Not under construction	18.0	
2015	12	58995	Marshall Wind Energy LLC	IPP	Marshall Wind Farm	KS	59084	RPM4	73.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	73.8	
2015	12	59227	Michelanegato Wind 4 LLC	IPP	Michelanegato 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	
2015	12	12241	MidAmerican Energy Co	Electric Utility	Highland Wind Project (A)	IA	58883	HMTV	502.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	502.0	
2015	12	59292	MKS Solar One, LLC	IPP	MKS Solar One, LLC	CA	59028	CA1	20.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	20.0	
2015	12	58718	Na Pua Makani Power Partners LLC	IPP	Na Pua Makani Wind Project	HI	58837	CA25	25.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending, Not under construction	25.0	
2015	12	57470	Noble Energy Systems, Inc.	IPP	Pea Patch Wind Farm	MD	58907	PEAP	50.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received, Not under construction	50.0	
2015	12	58688	Noble Wind Operations LLC	IPP	Noble Wind Operations LLC	WY	58623	WT1	21.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	21.0	
2015	12	58477	Obenengies, Inc.	IPP	Gates Solar 7	NC	58973	GATES	5.0	Solar Photovoltaics	SUN	PV	(T) Regulatory approvals received, Not under construction	5.0	
2015	12	58477	Obenengies, Inc.	IPP	Montgomery Solar LLC	NC	58849	1	20.0	Solar Photovoltaics	SUN	PV	(T) Regulatory approvals received, Not under construction	20.0	
2015	12	59331	Omni Energy Group LLC	IPP	Plan Hill Wind Farm	NC	58868	KA	175.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending, Not under construction	175.0	
2015	12	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN1	382.5	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	435.0	
2015	12	59016	Passadumkeag Windpark LLC	IPP	Passadumkeag Windpark LLC	ME	59222	Q357	39.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received, Not under construction	39.0	
2015	12	58545	Pattern Operators LP	IPP	Power 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 Project	IPP	Pleasant Hill Wind Energy Project	TX	59117	WT1	20.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	20.0	
2015	12	15486	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	5	173.4	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received, Not under construction	185.3	
2015	12	15486	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	7	241.7	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received, Not under construction	256.3	
2015	12	58674	Some One, LLC	IPP	Some One	NC	58762	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58704	Some Two LLC	IPP	Some Two	NC	58829	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58548	Southern Renewable Fuels, LLC	Industrial	SRF Synburn to Ethanol Advanced Biorefinery	NC	58997	G103	15.0	Other Waste Biomass	OBL	CC	(U) Under construction, less than or equal to 50 percent complete	15.0	
2015	12	59018	Soy Solar LLC	IPP	Soy Solar	NC	59017	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58568	Sunlight Partners	IPP	Andrew Solar	NC	58497	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58688	Sunlight Partners	IPP	Angel Solar	NC	58721	PV1	5.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0	
2015	12	58688	Sunlight Partners	IPP	Austin Solar	NC	58733	PV1	2.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0	
2015	12	58688	Sunlight Partners	IPP	Beetle Solar	NC	59011	PV1	4.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	4.0	
2015	12	58688	Sunlight Partners	IPP	Buddy Solar	NC	58735	PV1	4.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0	
2015	12	58688	Sunlight Partners	IPP	Carolina Solar	NC	59068	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58688	Sunlight Partners	IPP	Carol Jean Solar	NC	59017	GEN1	4.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0	
2015	12	58688	Sunlight Partners	IPP	Cher Solar	NC	59028	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58688	Sunlight Partners	IPP	Dave Solar	NC	58724	PV1	5.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0	
2015	12	58688	Sunlight Partners	IPP	Flash Solar	NC	58726	PV1	5.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0	
2015	12	58688	Sunlight Partners	IPP	Happy Solar 2	NC	59012	PV1	4.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	4.0	
2015	12	58688	Sunlight Partners	IPP	Hawkins Solar	NC	58727	PV1	5.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0	
2015	12	58688	Sunlight Partners	IPP	Hazy Solar	NC	59010	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58688	Sunlight Partners	IPP	Jacob Solar	NC	59003	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58688	Sunlight Partners	IPP	Kenneth Solar	NC	59007	PV1	3.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	3.0	
2015	12	58688	Sunlight Partners	IPP	Maverick Solar	NC	59016	GEN1	1.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0	
2015	12	58688	Sunlight Partners	IPP	Melinda Solar	NC	59002	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58688	Sunlight Partners	IPP	Murdoch Solar	NC	59009	PV1	4.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	4.0	
2015	12	58688	Sunlight Partners	IPP	Owen Solar	NC	58742	PV1	5.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0	
2015	12	58688	Sunlight Partners	IPP	Potter Solar	NC	59004	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58688	Sunlight Partners	IPP	Quincy Solar	NC	59006	PV1	4.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	4.0	
2015	12	58688	Sunlight Partners	IPP	Shadow Solar	NC	58744	PV1	3.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0	
2015	12	58688	Sunlight Partners	IPP	Shir Solar	NC	58746	PV1	5.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0	
2015	12	58688	Sunlight Partners	IPP	Sun Devil Solar	NC	59005	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	58688	Sunlight Partners	IPP	Tracy Solar	NC	59008	PV1	10.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	10.0	
2015	12	19442	Tennessee Valley Authority	Electric Utility	Watts Bar Nuclear Plant	TN	7722	2	1122.0	Nuclear	NLC	ST	(U) Under construction, less than or equal to 50 percent complete	1269.3	
2015	12	59011	Tiburon Holdings	IPP	Tiburon Holdings	NC	59217	PV1	5.0	Solar Photovoltaics	SUN	PV	(L) Regulatory approvals pending, Not under construction	5.0	
2015	12	54906	Tracwell Energy, Inc.	IPP	Declaro County Solar Project	GA	59449	DCSP1	20.0	Solar Photovoltaics	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0	
2015	12	54906	Tracwell Energy, Inc.	IPP	Declaro Parkway Solar Project, LLC	GA	59450	DCSP1	80.0	Solar Photovoltaics	CA	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2015	12	59095	Tri Global Energy, LLC	IPP	Fiber Winds	TX	59244	FBE1	80.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	80.0	
2015	12	58796	Trishe Wind Colorado	IPP	Trishe Wind Colorado	IN	58928	1	30.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received, Not under construction	30.0	
2015	12	58633	Trishe Wind Minnesota	IPP	Trishe Wind Minnesota	MN	57255	1	40.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	40.0	
2015	12	59098	Trishe Wind Ohio LLC	IPP	Trishe Wind Ohio LLC	OH	59086	NWOH1	100.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received, Not under construction	100.0	
2015	12	59098	Trishe Wind Ohio LLC	IPP	Trishe Wind Ohio LLC	OH	59086	NWOH2	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0	
2015	12	58602	Uran Red Hills Renewable Energy Park LLC	IPP	Uran Red Hills Renewable Energy Park	UT	58690	1	80.0	Solar Photovoltaics	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	80.0	
2015	12	59116	WED Coventry Four, LLC	IPP	WED Coventry Four, LLC	RI	59013	COV4	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 Four, LLC	RI	59036	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	59031	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	59014	COV6	1.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete		

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

Year	Month	Entry ID	Entry Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summed Capacity (MW)	Technology	Energy Source	Prime Mover Code	Status	Nameplate Capacity (MW)
2016	1	59228	Boweman Power LFG, LLC	IPP	Boweman Power LFG, LLC	CA	59461	GEN05	3.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	59228	Boweman Power LFG, LLC	IPP	Boweman Power LFG, LLC	CA	59461	GEN06	3.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	59228	Boweman Power LFG, LLC	IPP	Boweman Power LFG, LLC	CA	59461	GEN07	4.4	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction	3.4
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57393	CT001	240.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	240.0
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57393	CT002	240.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	240.0
2016	1	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57393	ST001	216.0	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	316.0
2016	1	59892	Gallegos Wind Farm LLC	IPP	Gallegos Wind Farm, Phase 1	NM	59047	GEN1	180.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	180.0
2016	1	4361	Ingredion Inc - Stockton	Industrial	Ingredion Stockton	CA	52115	GEN2	6.4	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	7.2
2016	1	58608	Muska FT One LLC	IPP	Muska FT One	HI	58692	3601	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2016	1	59322	Musshamer Farm, LLC	IPP	Musshamer Farm	NC	59377	PV1	4.1	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0
2016	1	59334	Rutherford Farm, LLC	IPP	Rutherford Farm	NC	59589	PV1	61.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	61.0
2016	1	59138	SunPower Corporation, Systems	IPP	Quinto Solar PV Project	CA	59339	SS313	106.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	108.0
2016	2	59259	Blackwell Solar Park, LLC	IPP	Blackwell Solar Park	CA	59524	FR53P	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	2	58915	KDC Solar RTC LLC	IPP	Delliah Road Landfill	NJ	58991	DR13	9.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	9.0
2016	2	59222	Leonardo Wind 1 LLC	IPP	Leonardo Wind 1 LLC	IA	59228	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	2	59222	Leonardo Wind 3 LLC	IPP	Leonardo Wind 3 LLC	IA	59228	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	2	59228	Michelangelo Wind 1 LLC	IPP	Michelangelo Wind 1 LLC	IA	59231	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	2	58887	Michelangelo Wind 3 LLC	IPP	Michelangelo Wind 3 LLC	IA	59003	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	2	12524	Midwest Energy Inc	Electric Utility	Goodman Energy Center	KS	56497	10	9.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	2	12524	Midwest Energy Inc	Electric Utility	Goodman Energy Center	KS	56497	11	9.2	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete	9.3
2016	2	59025	Optimum Wind 3 LLC	IPP	Optimum Wind 3 LLC	IA	59227	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	2	59228	Optimum Wind 4 LLC	IPP	Optimum Wind 4 LLC	IA	59228	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	2	59017	Optimum Wind 5 LLC	IPP	Optimum Wind 5 LLC	IA	59223	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	2	59018	Optimum Wind 6 LLC	IPP	Optimum Wind 6 LLC	IA	59224	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	2	59019	Optimum Wind 7 LLC	IPP	Optimum Wind 7 LLC	IA	59225	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	2	59417	Paria Liberty OMM LLC	IPP	Paria Liberty Generation Plant	PA	59420	GEN1	382.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	436.0
2016	2	59021	Venus Wind 3 LLC	IPP	Venus Wind 3 LLC	IA	59220	WT1	3.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	3.0
2016	3	57277	Hidden Hills Solar 1 LLC	IPP	Hidden Hills Solar Plant 1	CA	57906	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction	250.0
2016	3	58884	Hop Bottom Energy LLC	IPP	Hop Bottom Energy LLC	PA	58803	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58884	Hop Bottom Energy LLC	IPP	Hop Bottom Energy LLC	PA	58800	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58884	Hop Bottom Energy LLC	IPP	Hop Bottom Energy LLC	PA	58800	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58884	Hop Bottom Energy LLC	IPP	Hop Bottom Energy LLC	PA	58800	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58884	Hop Bottom Energy LLC	IPP	Hop Bottom Energy LLC	PA	58800	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58901	Hydro Green Energy	IPP	Bradstock Lock and Dam	PA	58901	GEN1	5.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	5.3
2016	3	58889	Milan Energy LLC	IPP	Milan	PA	58818	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58889	Milan Energy LLC	IPP	Milan	PA	58818	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58889	Milan Energy LLC	IPP	Milan	PA	58818	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58889	Milan Energy LLC	IPP	Milan	PA	58818	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	58889	Milan Energy LLC	IPP	Milan	PA	58818	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	3	9436	Mosaic Phosphates Co.	Industrial	Mosaic Phosphates Uncle Sam	LA	10198	GEN4	15.0	All Other	OTH	ST	(L) Regulatory approvals pending. Not under construction	15.0
2016	3	58421	Paria Paria OMM LLC	IPP	Paria Paria Generation Plant	PA	58428	GEN1	382.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	436.0
2016	3	5472	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	54728	GEN1	40.0	Natural Gas Fired Combustion Turbine	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	42.0
2016	3	59056	Tri Global Energy, LLC	IPP	Hale Community Wind Farm	TX	59247	HAL1	240.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	240.0
2016	3	59347	W Power LLC	IPP	Nicols 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	40277	American Man Power-OH, Inc.	Electric Utility	Smithard Hydroelectric Plant	NY	57400	SG1	25.0	Conventional Hydroelectric	WAT	HY	(U) Under construction, more than 50 percent complete	25.0
2016	4	57193	K Road Moapa Solar LLC	IPP	K Road Moapa Solar	NV	57669	1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2016	4	58880	Marsh South LLC	IPP	Marsh Renewable Energy Center Phase 2	TX	59007	MAR 5	99.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2016	4	59428	OCI Solar Power	IPP	OCI Amana 1	TX	59428	1	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
2016	4	58838	Panegy, LLC	IPP	Hennetta Solar Project	CA	58975	PV1	102.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	102.0
2016	4	58199	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 4	0.6	Conventional Steam Coal	BIT	ST	(L) Regulatory approvals received. Not under construction	0.6
2016	4	58199	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 5	0.6	Conventional Steam Coal	BIT	ST	(L) Regulatory approvals received. Not under construction	0.6
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG01	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG02	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG03	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG04	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG05	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG06	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG07	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG08	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG09	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG10	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG11	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	17583	South Texas Electric Coop, Inc.	Electric Utility	Red Gate Power Plant	TX	59391	ENG12	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.7
2016	4	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57271	PT552	14.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	14.0
2016	4	59020	Alpha Solar Energy Fund I LLC	IPP	Alpha Solar Energy Fund I	HI	59059	PK 1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	5	14534	City of Pasadena - (CA)	Electric Utility	Gienam	CA	422	G15	66.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	75.0
2016	5	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58592	GT 3	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	100.0
2016	5	59332	Georgia-Pacific Breweries LLC	Industrial	Georgia-Pacific Brewster Mill	IL	54789	415	42.0	Wood/Wood Waste Biomass	BLD	ST	(U) Under construction, less than or equal to 50 percent complete	76.0
2016	5	59120	Los Venados Windpower IV, LLC	IPP	Los Venados Windpower IV	TX	59321	GEN1	2.0	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	2.0
2016	5	58783	Marselles Land and Water Company	IPP	Marselles Lock and Dam Hydro	IL	58903	UN1T1	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58783	Marselles Land and Water Company	IPP	Marselles Lock and Dam Hydro	IL	58903	UN1T2	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58783	Marselles Land and Water Company	IPP	Marselles Lock and Dam Hydro	IL	58903	UN1T3	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58783	Marselles Land and Water Company	IPP	Marselles Lock and Dam Hydro	IL	58903	UN1T4	10.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.3
2016	5	58421	Paria Paria OMM LLC	IPP	Paria Paria Generation Plant	PA	58428	GEN2	382.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	436.0
2016	5	15248	Portland General Electric Co	Electric Utility	Dairy Generating Station	OR	58023	GEN1	500.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction	500.0
2016	5	59106	SUNE BEACON SITE 2, LLC	IPP	Beacon Solar Plant Site 2	CA	59309	BEAC2	48.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	48.0
2016	5	18676	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58200	CT01	270.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	297.0
2016	5	18676	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58200	CT02	270.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	297.0
2016	5	18676	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58200	CT03	270.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	297.0
2016	5	18676	Virginia Electric & Power Co	Electric Utility	B									

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

Year	Month	Entry ID	Entry Name	Plant Producer Type	Plant State	Plant ID	Generator ID	Net Summed Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2016	6	58765	FGE Texas LLC	PP	TX	58931	GT1	219	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	58766	FGE Texas LLC	PP	TX	58931	GT2	219	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	58767	FGE Texas LLC	PP	TX	58931	GT3	219	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	58768	FGE Texas LLC	PP	TX	58931	GT4	219	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	58769	FGE Texas LLC	PP	TX	58930	GT1	219	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	58770	FGE Texas II LLC	PP	TX	58930	GT2	219	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	208.3
2016	6	59150	First Wind O&M, LLC	PP	NE	58986	MANC1	51	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	51.0
2016	6	58962	Flory Knob LLC	PP	PA	58921	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58962	Flory Knob LLC	PP	PA	58921	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58962	Flory Knob LLC	PP	PA	58921	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58962	Flory Knob LLC	PP	PA	58921	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58962	Flory Knob LLC	PP	PA	58921	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	6452	Florida Power & Light Co	Electric Utility	FL	617	GA	1,260	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	296.0
2016	6	6452	Florida Power & Light Co	Electric Utility	FL	617	8B		Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	296.0
2016	6	6452	Florida Power & Light Co	Electric Utility	FL	617	8C		Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	296.0
2016	6	6452	Florida Power & Light Co	Electric Utility	FL	617	8T		Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	464.0
2016	6	58939	Frantom Farm LLC	PP	NC	59103	-1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	6	25438	Front Power Authority	PP	CA	59363	RO2	9.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	6.8
2016	6	58409	Future Power PA	PP	PA	58409	HRSG01	106.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	106.0
2016	6	7801	Gulf Power Co	Electric Utility	FL	57552	3	1.8	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.8
2016	6	59442	Innovative Solar 23, LLC	PP	NC	59672	IS03	1.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.8
2016	6	59442	Innovative Solar 33, LLC	PP	NC	59672	IS03	30.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.5
2016	6	59443	Innovative Solar 34, LLC	PP	NC	59673	IS03A	47.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	47.7
2016	6	59438	Innovative Solar 37, LLC	PP	NC	59665	IS037	78.1	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	78.1
2016	6	59444	Innovative Solar 38, LLC	PP	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	PP	NC	59675	IS044	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2016	6	59441	Innovative Solar 46, LLC	PP	NC	59671	IS046	78.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	78.3
2016	6	59436	Innovative Solar 47, LLC	PP	NC	59668	IS047	33.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	33.8
2016	6	59437	Innovative Solar 48, LLC	PP	NC	59667	IS048	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2016	6	59438	Innovative Solar 53, LLC	PP	NC	59668	IS053	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	40.0
2016	6	59438	Innovative Solar 54, LLC	PP	NC	59668	IS054	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2016	6	59446	Innovative Solar 55, LLC	PP	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	PP	NC	59677	IS064	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2016	6	59448	Innovative Solar 67, LLC	PP	NC	59678	IS067	33.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	33.8
2016	6	59448	Innovative Solar 68, LLC	PP	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	PP	NC	59680	IS071	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	6	59461	Innovative Solar 72, LLC	PP	NC	59681	IS072	33.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	33.8
2016	6	10171	Kentucky Utilities Co	Electric Utility	IN	1366	SOA49	10.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	10.0
2016	6	54888	NRG Texas Power LLC	PP	TX	3466	PH86	60.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	71.2
2016	6	56588	National Solar Power Partners LLC	PP	FL	58337	HCFE1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	6	14242	No. 2 of Great Canees	Electric Utility	VA	4988	GEN1	1.8	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	1.8
2016	6	59194	Purdys Run Energy, LLC	PP	WV	59419	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59194	Purdys Run Energy, LLC	PP	WV	59419	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59194	Purdys Run Energy, LLC	PP	WV	59419	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59194	Purdys Run Energy, LLC	PP	WV	59419	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	59194	Purdys Run Energy, LLC	PP	WV	59419	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	56462	Rice Solar Energy, LLC	Commercial	CA	57276	RSE1	190.0	Solar Thermal with Energy Storage	SUN	CP	(L) Regulatory approvals pending. Not under construction	170.0
2016	6	59114	Roady Lane Farm LLC	PP	NC	59108	-1	74.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.8
2016	6	58691	Shapponeville Energy LLC	PP	PA	58620	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58691	Shapponeville Energy LLC	PP	PA	58620	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58691	Shapponeville Energy LLC	PP	PA	58620	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58691	Shapponeville Energy LLC	PP	PA	58620	GEN4	4.4	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	58691	Shapponeville Energy LLC	PP	PA	58620	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	6	57109	St. Joseph Energy Center LLC	PP	OK	57784	3	642.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	670.0
2016	6	18125	Salwater Utilities Authority	PP	OK	59647	1	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.3
2016	6	18125	Salwater Utilities Authority	PP	OK	59647	2	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.3
2016	6	18125	Salwater Utilities Authority	PP	OK	59647	3	18.3	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	18.3
2016	6	59123	Watsay Farm LLC	PP	NC	59108	-1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2016	6	58917	West Salisbury Farm LLC	PP	NC	59111	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2016	7	40771	American Man Power Ohio, Inc	Electric Utility	KY	57400	SG3	25.0	Conventional Hydroelectric	WAT	HY	(U) Under construction, more than 50 percent complete	25.3
2016	7	59192	Amity Energy, LLC	PP	PA	59418	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	PP	PA	59418	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	PP	PA	59418	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	PP	PA	59418	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	59192	Amity Energy, LLC	PP	PA	59418	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	7	58615	First Solar Energy LLC	PP	NV	58644	SSS	286.8	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	286.8
2016	7	58615	First Solar Energy LLC	PP	NV	58646	STL	290.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	290.0
2016	7	59112	Hecate Energy Beacon Solar 1, LLC	PP	CA	59316	BEAC1	56.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	56.0
2016	7	59113	Hecate Energy Beacon Solar 3, LLC	PP	CA	59316	BEAC3	56.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	56.0
2016	7	59114	Hecate Energy Beacon Solar 4, LLC	PP	CA	59317	BEAC4	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2016	7	59167	Impress Valley Solar, LLC	PP	CA	59317	2	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2016	7	59342	Manoopa West Solar PV 2, LLC	PP	CA	59008	MW52	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	7	58489	OCL Solar Power	PP	TX	59206	OC046	110.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	110.0
2016	7	59110	SHINE BEACON SITE 5, LLC	PP	CA	59028	BEAC5	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	40.0
2016	7	2518	US Bureau of Reclamation	Electric Utility	CA	6396	-3	12.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	12.2
2016	7	19876	Virginia Electric & Power Co	PP	VA	59965	01	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	7	56273	GS&E, Inc., LLC	PP	PA	59532	SB1	160.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	160.0
2016	7	58814	Black Creek Renewable Energy LLC	PP	NC	57492	GEN0	1.8	Landfill Gas	LFG	IC	(U) Under construction, more than 50 percent complete	1.8
2016	8	4329	Cooper Valley Elec. Assn, Inc	Electric Utility	AK	58962	GEN1	6.8	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	6.6
2016	8	58489	OCL Solar Power	PP	TX	59207	OC047	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2016	8	59253	Oregon Windfarms, LLC	PP	OR	59491	OCW	10.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	PP	OR	59492	OCW	10.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	PP	OR	59493	OCW	10.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	59253	Oregon Windfarms, LLC	PP	OR	59494	OCW	10.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	10.0
2016	8	58936	Alpaca Energy LLC	PP	PA	58913	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	8	58936	Alpaca Energy LLC	PP	PA	58913	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	8	58936	Alpaca Energy LLC	PP	PA	58913	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction	4.4
2016	8	58936	Alpaca Energy LLC	PP	PA								

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

Year	Month	Entry ID	Entry Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summed Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2016	10	59155	First Wind O&M, LLC	PP	Enterprise Solar, LLC	UT	59386	ENT51	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59155	First Wind O&M, LLC	PP	Escalante Solar 1, LLC	UT	59387	ESC51	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59155	First Wind O&M, LLC	PP	Escalante Solar 2, LLC	UT	59388	ESC52	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59155	First Wind O&M, LLC	PP	Escalante Solar 1B, LLC	UT	59389	ESC53	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59258	Five Points Solar Park, LLC	PP	Five Points Solar Park	CA	59223	FRP5P	60.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	60.0
2016	10	59257	Giffen Solar Park, LLC	PP	Giffen Solar Park	CA	59222	FRG5P	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	10	59498	Mean North West LLC	PP	Mean Renewable Energy Center Phase 3	TX	59008	MAN3	80.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	168.0
2016	10	59687	RRE Austin Solar LLC	PP	Plugeville Solar Farm	TX	57669	PF6	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2016	10	59831	Trousdale Energy Center LLC	PP	Trousdale Energy Center	OR	58396	PLGEN	662.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	662.0
2016	10	59482	WM Renewable Energy LLC	PP	Waste Management Redwood LFGTE	CA	59209	RED1	2.0	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction	2.0
2016	10	59482	WM Renewable Energy LLC	PP	Waste Management Redwood LFGTE	CA	59209	RED2	2.0	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction	2.0
2016	10	59728	West Butte Wind Power LLC	PP	West Butte Wind Power Project	OR	57704	WEB1	80.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	80.0
2016	10	59593	Wright Solar Park, LLC	PP	Wright Solar Park	CA	59535	FRW5P	200.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	200.0
2016	10	59661	iPower	PP	Cort Diox Solar 1	CA	59694	CON11	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2016	10	59661	iPower	PP	Con Diox Solar 3	CA	59693	CON03	1.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.4
2016	11	59574	Carton Mountain Wind LLC	PP	Carton Mountain Wind	ME	59620	CM1	22.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	22.0
2016	11	8723	City of Holland	Electric Utility	Holland Energy Park	MI	59003	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	59003	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	59003	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	57341	Foster Wheeler Twin Cities	Electric CHP	Una Minnesota CHP Plant	MN	59197	CTG1	17.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	21.0
2016	11	58451	McCoy Solar, LLC	PP	McCoy Solar - Equal 1	CA	58462	1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2016	12	59272	41MB Bme, LLC	PP	Borden Solar Farm	CA	59331	BRDN	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2016	12	59794	American Wind Energy Management Corp.	PP	Sangamon Wind One LLC	IL	59525	SAN1	35.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	35.0
2016	12	59794	American Wind Energy Management Corp.	PP	Sangamon Wind Two LLC	IL	59526	SAN2	50.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	50.0
2016	12	59794	American Wind Energy Management Corp.	PP	Sugar Creek Wind One LLC	IL	59524	SUG1	175.0	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	175.0
2016	12	57003	Arington Valley Solar Energy LLC	PP	Arington Valley Solar Energy I	AZ	57679	AVS1E	125.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	125.0
2016	12	59698	Chatham Ranch Wind I	PP	Chatham Ranch Wind I	TX	59670	CHN1	300.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	300.0
2016	12	58762	ClearVista Energy LLC	PP	ClearVista Solar and Wind Farm	CA	58922	CVV1P	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2016	12	58762	ClearVista Energy LLC	PP	ClearVista Solar and Wind Farm	CA	58922	CVV2T	19.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	19.0
2016	12	58840	Cosmopolitan Wind Farm, LLC	PP	Cosmopolitan Wind Farm	CA	59078	CON1P	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	12	58895	Coronal Development Services	PP	Fusion Solar Center LLC	PV	59079	FC1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2016	12	58895	Coronal Development Services	PP	Gulf Coast Solar Center I	FL	59089	GCS1C	30.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.0
2016	12	58895	Coronal Development Services	PP	Gulf Coast Solar Center II	FL	59090	GCS2C	40.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	40.0
2016	12	58895	Coronal Development Services	PP	Gulf Coast Solar Center III	FL	59091	GCS3C	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2016	12	59319	Cotton Solar, LLC	PP	Cotton Solar	SD	59372	PV1	16.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	16.0
2016	12	57406	Deepwater Wind Block Island LLC	PP	Block Island Wind Farm	RI	58035	BNV1	29.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	30.0
2016	12	58889	Domino Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	SBTA	40.0	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction	65.0
2016	12	58889	Domino Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	SBTB	40.0	All Other	WH	CA	(L) Regulatory approvals pending. Not under construction	65.0
2016	12	59215	E.ON Climate Renewables N America LLC	PP	Grandview Wind Farm I LLC	TX	59008	GV1	200.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2016	12	59215	E.ON Climate Renewables N America LLC	PP	Grandview Wind Farm II LLC	TX	59009	GV2	180.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	180.0
2016	12	59215	E.ON Climate Renewables N America LLC	PP	Magic Wind Wind Farm II	TX	59006	MV1	230.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	230.0
2016	12	59215	E.ON Climate Renewables N America LLC	PP	Sheila Wind Farm	TX	59003	WT1	200.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2016	12	59215	E.ON Climate Renewables N America LLC	PP	Sheila Wind Farm II	TX	59004	WT2	200.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2016	12	59215	E.ON Climate Renewables N America LLC	PP	Twin Forks Wind Farm LLC	TX	59061	WT11	351.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	351.0
2016	12	59215	E.ON Climate Renewables N America LLC	PP	Vici Wind Farm	OK	59002	VCI	104.4	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	104.4
2016	12	59380	Enel Green Power NA, Inc.	PP	Lincoln Wind Project, LLC	ND	59884	LWV01	100.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	100.0
2016	12	49592	Enel North America, Inc.	PP	Apita Blossom Wind Farm	MI	59000	ABN1	100.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals received. Not under construction	100.0
2016	12	49592	Enel North America, Inc.	PP	Courtenay Wind Farm	ND	58668	1	200.0	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	200.0
2016	12	49592	Enel North America, Inc.	PP	Mustang Run Wind Project LLC	OK	59000	MRV1P	136.0	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	136.0
2016	12	49592	Enel North America, Inc.	PP	South Fork Wind Farm	OK	59001	STFR	100.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2016	12	58872	Evoenergy Wind Holdings Inc	PP	Allegany Wind Farm	NY	58779	1	72.4	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	72.4
2016	12	58872	Evoenergy Wind Holdings Inc	PP	Catsaqua Wind Farm	NY	58777	1	125.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	125.0
2016	12	58872	Evoenergy Wind Holdings Inc	PP	Coyote Creek Wind Farm	NY	58778	1	156.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	156.0
2016	12	58872	Evoenergy Wind Holdings Inc	PP	Scioto Ridge Wind Farm	OH	58780	1	300.0	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	300.0
2016	12	59156	First Wind O&M, LLC	PP	Bowers Wind Project	ND	59156	1	48.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	48.0
2016	12	59156	First Wind O&M, LLC	PP	Millard Wind Corridor Phase II	ND	57546	1	100.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	100.0
2016	12	59156	First Wind O&M, LLC	PP	Millen South PV	ND	59231	1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2016	12	58146	Galectic LLC	PP	Jawbone Wind Project	MT	58175	JWP1	131.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	131.1
2016	12	59883	Gibson County Generation LLC	PP	Gibson County Generation Station	TX	57709	1	371.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	432.0
2016	12	59823	Grande Prairie Wind Farm, LLC	PP	Grande Prairie Wind Farm	AB	59865	1	193.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	193.0
2016	12	59846	Hidalgo Wind Farm LLC	PP	Hidalgo Wind Farm LLC	TX	57407	GEN1	150.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2016	12	57278	Hidden Hills Solar II LLC	PP	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	PP	Dolan Springs	AZ	57803	1	300.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	300.0
2016	12	15399	Iberdrola Renewables Inc	PP	Tule Wind LLC	CA	57913	1	143.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	143.0
2016	12	50123	Infinen Asset Management LLC	PP	Aragone Solar LLC	NM	59252	PV1	38.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	40.0
2016	12	50123	Infinen Asset Management LLC	PP	Carrook Solar LLC	NM	59251	PV1	24.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	25.0
2016	12	50123	Infinen Asset Management LLC	PP	Rio Bravo Solar III LLC	CA	59250	PV1	19.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2016	12	58688	Kelly Energy LLC	PP	Kelly	PA	58817	GEN1	3.0	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	3.3
2016	12	58688	Kelly Energy LLC	PP	Kelly	PA	58817	GEN2	3.0	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	3.3
2016	12	59310	Lens Sustainability Research LLC	PP	Millen South Solar Farm	ND	57242	1	6.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	6.0
2016	12	59316	Laurinburg Industrial Solar, LLC	PP	Laurinburg Industrial Solar	SC	59369	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	59105	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	59105	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	58296	4	1.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2016	12	58371	NextEra Bythe Solar Energy Center, LLC	PP	Bythe Solar Power Project	CA	57273	3	232.0	Solar Thermal without Energy Storage	SUN	ST	(P) Planned for installation, but regulatory approvals not initiated	273.4
2016	12	58371	NextEra Bythe Solar Energy Center, LLC	PP	Bythe Solar Power Project	CA	57273	A	126.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	126.0
2016	12	58371	NextEra Bythe Solar Energy Center, LLC	PP	Bythe Solar Power Project	CA	57273	B	126.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	126.0
2016	12	58371	NextEra Bythe Solar Energy Center, LLC	PP	Bythe Solar Power Project	CA	57273	C	126.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	126.0
2016	12	58371	NextEra Bythe Solar Energy Center, LLC	PP	Bythe Solar Power Project	CA	57273	D	110.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	110.0
2016	12	59328	Numero Nine Wind Farm, LLC	PP	Numero Nine Wind Farm	CA	57							

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

Year	Month	Entry ID	Entry Name	Plant Producer	Plant Name	Plant State	Plant ID	Generator ID	Net Summed 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	58545	RC11	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	8.7
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58545	RC12	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	8.7
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58545	RC13	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	8.7
2017	1	59306	Keen Farm, LLC	PP	Keen Farm	NC	59305	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2017	1	59320	Marway Solar, LLC	PP	Marway Solar Farm	NC	59315	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59323	Moore Moore Farm, LLC	PP	Moore Moore Farm	NC	59316	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59333	Pe GA Farm, LLC	PP	Pe GA Farm	NC	59308	PV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2017	1	59335	Sandy Ridge Solar Farm, LLC	PP	Sandy Ridge Solar Farm	NC	59300	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59337	Sedberry Farm, LLC	PP	Sedberry Farm	NC	59302	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	60338	Spring Valley Farm 2, LLC	PP	Spring Valley Farm 2, LLC	NC	59353	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59339	Spring Valley Farm, LLC	PP	Spring Valley Farm	NC	59304	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	72342	2CC	469.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	469.0
2017	1	49328	Tart Farm, LLC	PP	Tart Farm	NC	59353	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	20159	Washington Parish Enzy Cr, LLC	PP	Washington Parish Energy Center	LA	55486	CT01	172.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	200.0
2017	1	20159	Washington Parish Enzy Cr, LLC	PP	Washington Parish Energy Center	LA	55486	CT02	172.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	200.0
2017	1	20159	Washington Parish Enzy Cr, LLC	PP	Washington Parish Energy Center	LA	55486	ST1	215.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	256.0
2017	1	59326	Wellons Farm, LLC	PP	Wellons Farm	NC	59304	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	1	59331	Woodland Church Farm, LLC	PP	Woodland Church Farm	NC	59306	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2017	2	56031	CPV Maryland LLC	PP	CPV Si Charles Energy Center	MD	56346	GT01	205.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	215.0
2017	2	56031	CPV Maryland LLC	PP	CPV Si Charles Energy Center	MD	56346	GT02	205.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	215.0
2017	2	56031	CPV Maryland LLC	PP	CPV Si Charles Energy Center	MD	56346	STGEN	316.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	316.0
2017	3	58889	Dommon Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5501	3.0	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction	3.0
2017	3	58889	Dommon Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5503	1.0	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction	1.0
2017	3	58889	Dommon Cove Point LNG, LP	Commercial	Cove Point LNG Terminal	MD	59073	5511	1.7	Hydrokinetic	WAT	HA	(L) Regulatory approvals pending. Not under construction	1.7
2017	3	59156	First Wind O&M, LLC	PP	Brigham Wind	ME	57331	1	186.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	186.0
2017	3	48905	Kennecott Utah Copper	Industrial	Kennecott Power Plant	UT	56163	5CTG	176.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	207.0
2017	3	7338	South Carolina Electric&Gas Company	Electric Utility	V.C. Sumner	SC	57127	3CC	1,100.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	1,100.0
2017	3	56789	TBE Montgomery LLC	PP	TBE-Montgomery LLC	NY	57472	CTG	11.4	Other Waste Biomass	OBG	CT	(U) Under construction, less than or equal to 50 percent complete	12.0
2017	3	56789	TBE Montgomery LLC	PP	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	3	59426	Comcast Solar	PP	Comcast Solar	CO	59556	COMA	120.0	Other	CO	CA	(L) Regulatory approvals pending. Not under construction	120.0
2017	4	7189	Giga Bend Power Partners LLC	PP	Giga Bend Power Generation Station	AZ	55007	2	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	170.0
2017	4	7189	Giga Bend Power Partners LLC	PP	Giga Bend Power Generation Station	AZ	55007	3	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	170.0
2017	4	7189	Giga Bend Power Partners LLC	PP	Giga Bend Power Generation Station	AZ	55007	4	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	170.0
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	3C1	324.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	365.0
2017	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	3B1	191.8	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	204.0
2017	4	58848	Green Energy Partners LLC	PP	Stonewall	VA	59034	GEN1	230.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	232.0
2017	4	59446	Green Energy Partners LLC	PP	Stonewall	VA	59034	GEN2	214.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	238.0
2017	4	59773	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	59773	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	59773	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	GT3	207.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	207.0
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CT1	646.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	670.0
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CT01	646.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.0
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CT02	646.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	222.0
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	ST01	646.0	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	222.0
2017	5	59111	Crawford Renewable Energy, LLC	PP	Crawford Renewable Energy - Meadowlark Power Station	PA	59307	MPS	93.6	All Other	TDF	ST	(U) Under construction, less than or equal to 50 percent complete	99.4
2017	5	5701	EI Pass Electric Co	Electric Utility	Montana Power Station	TX	58962	GT-4	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	100.0
2017	5	58957	Enronmission, Inc	PP	La Paz Solar Tower	AZ	58952	1	200.0	Solar Thermal without Energy Storage	SUN	OT	(P) Planned for installation, but regulatory approvals not initiated	200.0
2017	5	58848	Green Energy Partners LLC	PP	Stonewall	VA	59034	GEN3	230.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	232.0
2017	5	59111	NTL Texas, LLC	PP	Pagan Creek Energy Center	TX	59208	PC02	200.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	200.0
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point	MD	59220	CT1	177.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	310.0
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point	MD	59220	CT2	177.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	310.0
2017	5	40229	Old Dominion Electric Coop	Electric Utility	Wildcat Point	MD	59220	CT3	177.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	310.0
2017	5	56204	CPV Valley LLC	PP	CPV Valley Energy Center	NY	56340	ST02	186.5	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	235.0
2017	5	56204	CPV Valley LLC	PP	CPV Valley Energy Center	NY	56340	STG	306.5	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	350.0
2017	5	7277	Calpine Corporation	PP	Wind Horse Power Plant	TX	57181	1	40.0	Geothermal	WAT	GT	(L) Regulatory approvals pending. Not under construction	48.0
2017	5	58959	Fresport LNG Development LP	Industrial	Fresport LP Pretreatment Facility	TX	59145	65GT0	77.4	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	97.0
2017	5	57501	NAES Salm Harbor	PP	Salm Harbor	MA	1108	5	340.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	340.0
2017	5	57501	NAES Salm Harbor	PP	Salm Harbor	MA	1108	6	340.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	340.0
2017	5	59357	Navosena Energy Generation Holdings	PP	Clear Springs Energy Center	TX	59315	CTG-1	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	5	59357	Navosena Energy Generation Holdings	PP	Clear Springs Energy Center	TX	59315	CTG-2	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	5	59357	Navosena Energy Generation Holdings	PP	Clear Springs Energy Center	TX	59315	CTG-3	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	5	59357	Navosena Energy Generation Holdings	PP	Union Valley Energy Center	TX	59316	CTG-1	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	5	59357	Navosena Energy Generation Holdings	PP	Union Valley Energy Center	TX	59316	CTG-2	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	5	59357	Navosena Energy Generation Holdings	PP	Union Valley Energy Center	TX	59316	CTG-3	178.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	5	59357	Navosena Energy Generation Holdings	PP	Van Alstyne Energy Center	TX	59317	CTG-1	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	5	59357	Navosena Energy Generation Holdings	PP	Van Alstyne Energy Center	TX	59317	CTG-2	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	5	59357	Navosena Energy Generation Holdings	PP	Van Alstyne Energy Center	TX	59317	CTG-3	177.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	183.0
2017	5	14824	PD No 2 of Great Quarry	Electric Utility	Wanapan	WA	3958	4A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2017	5	55768	RC Cape May Holdings LLC	PP	BL England	NJ	3798	1	244.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	281.0
2017	6	40150	Shady Hills Power Co LLC	PP	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
2017	6	40150	Shady Hills Power Co LLC	PP	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
2017	6	59860	TerraNova Energy, LLC	PP	Front Range Project	CO	59143	FR-2	1.5	Landfill Gas	LEG	GC	(P) Planned for installation, but regulatory approvals not initiated	1.5
2017	7	58758	CPV Smyth Generation Company LLC	PP	CPV Smyth Generation Company LLC	VA	58978	1	653.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	762.0
2017	7	58429	Future Power PA	PP	Good Spring NGCC	PA	58409	GT1	335.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	346.0
2017	7	59362	Jencho Rose Wind Farm LLC	PP	Jencho Rose Wind Farm LLC	NY	59023	GEN1	77.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	77.0
2017	7	58762	Sargas Texas, LLC	PP	Sargas Point Comfort	TX	58695	STAR1	232.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	250.0
2017	7	58978	Watkins Glen Wind, LLC	PP	Watkins Glen Wind Energy Center	NY	59041	WVREC	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2017	8	59141	Black Creek Renewables Energy LLC	PP	Sampson County Landfill	NC	57403	GEN1	1.8	Landfill Gas	LEG	GC	(P) Planned for installation, but regulatory approvals not initiated	1.8
2017	8	59768	Pondera Development LLC	PP	CPV Pondera Kings 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
2017	8	7277	Calpine Corporation	PP	Buckeye Geothermal Power Plant	CA	57180	1	49.0	Geothermal				

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

Year	Month	Entity ID	Entity Name	Plant Producer	Plant Name	Plant State	Plant ID	Generator ID	Net Summed Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2017	12	56094	Medicine Bow Fuel & Power LLC	IPP	Medicine Bow Fuel & Power LLC	WY	56402	1	350	Conventional Steam Coal	BIT	ST	(P) Planned for installation, but regulatory approvals not initiated	350.0
2017	12	56049	Pauding Wind Farm LLC	IPP	Pauding Wind Farm LLC	OH	57011	GEN1	49.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	49.0
2017	12	56042	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	56987	1	687	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	687.0
2017	12	56424	Quik Black Wind Farm LLC	IPP	Quik Black Wind Farm LLC	WY	57116	GEN1	98.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	98.0
2018	1	56794	CE Obsidian Energy LLC	IPP	Black Rock I	CA	57477	G3001	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction	70.0
2018	1	5719	CallWind Resources Inc	IPP	Tehachaw Wind Resource II	CA	54509	FLAN	15.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	15.0
2018	1	56763	LowerWorks-Summit Ridge I LLC	IPP	Summit Ridge Wind Farm	OR	56994	SRV7	101.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	101.0
2018	2	803	Arizona Public Service Co	Electric Utility	Mt. Wilson Wind Farm	AZ	116	G15	104.7	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	161.9
2018	2	56434	Metawest Energy, LLC	IPP	Metawest Energy Center	MD	56962	CG111	860.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	951.0
2018	3	803	Arizona Public Service Co	Electric Utility	Black Rock II	AZ	116	G16	104.7	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	161.9
2018	3	56794	CE Obsidian Energy LLC	IPP	Black Rock II	CA	57478	G3002	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction	70.0
2018	3	58757	Wheelabrator Frederick, LLC	IPP	Frederick-Carroll County Renewable Waste to Energy Facility	MD	58975	GEN1	47.0	Municipal Solid Waste	MSW	ST	(T) Regulatory approvals received. Not under construction	56.0
2018	4	803	Arizona Public Service Co	Electric Utility	Ocotillo	AZ	116	G17	104.7	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	161.9
2018	4	20421	Western Minnesota Mun Pwr Agcy	Electric Utility	Red Rock Hydro Plant	IA	58434	1	27.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	18.2
2018	4	20421	Western Minnesota Mun Pwr Agcy	Electric Utility	Red Rock Hydro Plant	IA	58434	2	27.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	18.2
2018	5	56794	CE Obsidian Energy LLC	IPP	Black Rock II	CA	57479	G3003	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction	70.0
2018	5	59283	Gateway Energy Center, LLC	IPP	Gateway Energy Center, LLC	NJ	59238	CT001	442.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	440.0
2018	5	59723	NTE Carolina, LLC	IPP	Kings Mountain Energy Center	NC	59535	AME01	475.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	475.0
2018	5	59724	NTE Ohio LLC	IPP	Middletown Energy Center	OH	59535	ME01	525.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	525.0
2018	5	17939	South Carolina Electric&Gas Company	Electric Utility	V C Summer	SC	6127	3	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete	1,100.0
2018	6	2398	Calpine Central LP	IPP	Markato Energy Center	TX	56104	CT01	200.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	210.0
2018	6	40219	Costova Electric Coop, Inc	Electric Utility	Orca	AK	789	1	1.5	Petroleum Liquids	DFD	IC	(L) Regulatory approvals pending. Not under construction	1.5
2018	6	40219	Costova Electric Coop, Inc	Electric Utility	Orca	AK	789	2	1.5	Petroleum Liquids	DFD	IC	(L) Regulatory approvals pending. Not under construction	1.5
2018	6	56534	Crocket Valley Energy Center LLC	IPP	Crocket 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
2018	6	56534	Crocket Valley Energy Center LLC	IPP	Crocket 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
2018	6	56534	Crocket Valley Energy Center LLC	IPP	Crocket 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
2018	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3988	6A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2018	6	16511	University of Alaska	Commercial	University of Alaska Fairbanks	AK	50711	GEN0	17.0	Conventional Steam Coal	SUB	GT	(P) Planned for installation, but regulatory approvals not initiated	17.0
2018	7	56881	Apex Bethel Energy Center	IPP	Apex Bethel Energy Center	TX	59048	ABE01	158.0	Natural Gas with Compressed Air Storage	NG	CE	(T) Regulatory approvals received. Not under construction	158.0
2018	7	56881	Apex Bethel Energy Center	IPP	Apex Bethel Energy Center	TX	59048	ABE02	158.0	Natural Gas with Compressed Air Storage	NG	CE	(T) Regulatory approvals received. Not under construction	158.0
2018	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT1	301.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	319.0
2018	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT2	301.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	319.0
2018	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	ST1	187.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	187.0
2018	7	56798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	GT01	41.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	41.0
2018	7	56798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	GT02	41.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	41.0
2018	7	56798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	GT03	41.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	41.0
2018	7	56798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	ST01	64.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	64.0
2018	7	56798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	ST02	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 Companies LLC	IPP	Goussaus Gas Turbine Generating	WY	5994	3	90.0	Natural Gas Fired Combined Cycle	NG	GT	(T) Regulatory approvals received. Not under construction	93.0
2018	8	56296	Green Gas Americas, Inc.	IPP	Pioneer Crossing Landfill Gas to Energy	PA	56957	LF06	1.6	Landfill Gas	LF	IC	(T) Regulatory approvals received. Not under construction	1.6
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CE08	105.0	Natural Gas Fired Combined Cycle	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CE09	105.0	Natural Gas Fired Combined Cycle	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CE07	105.0	Natural Gas Fired Combined Cycle	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CE09	105.0	Natural Gas Fired Combined Cycle	NG	GT	(L) Regulatory approvals pending. Not under construction	105.3
2018	11	58847	Carlsbad Energy Center	IPP	Carlsbad Energy Center	CA	59002	CE09	105.0	Natural Gas Fired Combined Cycle	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	008	40.0	Natural Gas Fired Combined Cycle	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	00A	40.0	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	40.0
2018	12	7140	Georgia Power Co	Electric Utility	Vogtle	GA	648	4	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete	1,100.0
2018	12	56722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-1	47.2	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	64.5
2018	12	56722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-2	47.2	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	64.5
2018	12	56722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-3	47.2	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	64.5
2018	12	56722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-4	47.2	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	64.5
2018	12	56722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-5	47.2	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	64.5
2018	12	56722	Jordan Cove Energy Project LP	IPP	South Dunes Power Plant	OR	58841	CT-6	47.2	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	64.5
2018	12	56722	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	56722	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	4200	Phillips 66-Ponca City Refinery	Industrial	Ponca City Refinery	OK	52189	G1A	3.0	Other Gases	CO	ST	(P) Planned for installation, but regulatory approvals not initiated	5.0
2018	12	56842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	56987	1B	813.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	813.0
2019	4	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	56284	0002	40.2	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	42.3
2019	5	18454	Tampa Electric Co	Electric Utility	Tampa Electric Co NA 2	FL	56352	1	149.0	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	180.0
2019	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3988	9A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	122.0
2019	7	56235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG001	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0	
2019	7	56235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG02	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0	
2019	7	56235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG03	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0	
2019	7	56235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG04	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0	
2019	7	56235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG05	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0	
2019	7	56235	Cogentrix Development Holdings, LLC	IPP	Buckeye Generation Center, LLC	AZ	59471	CTG06	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	100.0	
2019	8	59142	Hydrogen Energy California, LLC	Electric CHP	Hydrogen Energy California, LLC	CA	59372	HECA1	413.0	Coal Integrated Gasification Combined Cycle	SGC	CS	(L) Regulatory approvals pending. Not under construction	421.0
2019	12	29396	Energy Unlimited Inc	IPP	Painted Hills IV Wind	CA	56526	1	19.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	19.0
2019	12	14584	PacificCorp	Electric Utility	Buried	UT	29	2	36.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	36.0
2020	3	19446	City of Tallahassee - (FL)	Electric Utility	Archie B Hopkins	FL	5688	G15	42.0	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	62.0
2020	6	18454	Tampa Electric Co	Electric Utility	Tampa Electric Co NA 2	FL	56352	2	190.0	Natural Gas Fired Combined Cycle	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	220.0
2020	10	5680	East Kentucky Power Coop, Inc	Electric Utility	Green Valley LFGE	KY	56278	4	0.8	Landfill Gas	LF	IC	(P) Planned for installation, but regulatory approvals not initiated	0.8
2020	12	7277	Calpine Corporation	IPP	Fruit Mite Hill	CA	55465	1	49.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	55.0
2020	12	7277	Calpine Corporation	IPP	Telephone Flat	CA	55465	1	49.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	55.0
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	8	209.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	209.0
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	9	209.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	209.0
2020	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	56987	8A	750.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	750.0
2021	4	56927	Power4Georgians LLC	Electric Utility	Plant Washington	GA	56975	MAN	850.0	Conventional Steam Coal	SUB	ST	(T) Regulatory approvals received. Not under construction	850.0
2021	12	56842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	56987	1B	750.0	Onshore Wind Turbine	WIND	WT		

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	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	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	3	57450	Martin Midstream Partnership,LP	Industrial	Cross Oil Refining & Marketing, Inc	AR	58077	CROSS	3.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	3	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 2	0.5	Conventional Steam Coal	BIT	ST
2015	3	58159	Penn State University	Commercial	West Campus Steam Plant	PA	58194	WC 3	0.6	Conventional Steam Coal	BIT	ST
2015	3	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50675	GEN2	2.9	Landfill Gas	LFG	GT
2015	3	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50675	GEN3	2.9	Landfill Gas	LFG	GT
2015	3	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN1	0.8	Landfill Gas	LFG	IC
2015	3	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN3	0.8	Landfill Gas	LFG	IC
2015	3	54842	WM Renewable Energy LLC	IPP	Monroe Livingston Gas Recovery	NY	50665	GEN2	0.8	Landfill Gas	LFG	IC
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	1	23.0	Conventional Steam Coal	BIT	ST
2015	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	2	23.0	Conventional Steam Coal	BIT	ST
2015	4	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	Hartlee Branch	GA	709	1	266.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Hartlee Branch	GA	709	3	509.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Hartlee 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	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2015	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
2015	4	12384	Midwest Generations EME LLC	IPP	Will County	IL	884	3	251.0	Conventional Steam Coal	SUB	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	1	67.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	2	105.0	Conventional Steam Coal	BIT	ST
2015	4	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	8	465.0	Conventional Steam Coal	BIT	ST
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC2	0.9	Other Natural Gas	NG	IC
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC4	0.7	Petroleum Liquids	DFO	IC
2015	5	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC5	1.4	Other Natural Gas	NG	IC
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	4	155.0	Conventional Steam Coal	BIT	ST
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	5	168.0	Conventional Steam Coal	BIT	ST
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	6	240.0	Conventional Steam Coal	BIT	ST
2015	5	12647	Minnesota Power Inc	Electric Utility	Taconite Harbor Energy Center	MN	10075	GEN3	83.6	Conventional Steam Coal	SUB	ST
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C2	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C3	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Gilbert	NJ	2393	C4	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	1	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	2	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	3	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	4	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	5	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	6	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	7	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Glen Gardner	NJ	8227	8	18.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT1	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT2	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT3	46.0	Petroleum Liquids	DFO	GT
2015	5	17235	NRG REMA LLC	IPP	Werner	NJ	2385	GT4	46.0	Petroleum Liquids	DFO	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	121	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	122	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	123	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	124	46.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	58544	Sierra Nevada Brewing Co	Industrial	Sierra Nevada Brewing Co	CA	58585	FCE	1.0	Other Natural Gas	NG	FC
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Kammer	WV	3947	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	1	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	2	190.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	3	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	4	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	5	585.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Powder	OH	2843	5	95.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Clinch River	VA	3775	3	230.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	5	90.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	6	235.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	3	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	4	145.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	1	58.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	2	55.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	3	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	5	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	6	63.0	Conventional Steam Coal	BIT	ST
2015	6	3542	Duke Energy Ohio Inc	Electric Utility	Miami Fort	OH	2832	6	163.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	4	500.0	Conventional Steam Coal	BIT	ST
2015	6	22053	Kentucky Power Co	Electric Utility	Big Sandy	KY	1353	2	800.0	Conventional Steam Coal	BIT	ST
2015	6	13781	Northern States Power Co - Minnesota	Electric Utility	Alliant Techsystems	MN	7376	1	1.6	Petroleum Liquids	DFO	IC
2015	6	15147	PSEG Fossil LLC	IPP	Bergen Generating Station	NJ	2398	3	21.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	111	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	112	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	113	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	114	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	8	22.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	11	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	12	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	13	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	14	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	21	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	22	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	23	43.0	Natural Gas Fired Combustion Turbine	NG	GT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2015	6	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 Seawen Generating Station	NJ	2411	6	105.0	Petroleum Liquids	KER	GT
2015	6	15478	PSEG Nuclear LLC	IPP	PSEG Salem Generating Station	NJ	2410	3	38.4	Petroleum Liquids	DFO	GT
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS1	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS2	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS3	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS4	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS5	0.9	Conventional Hydroelectric	WAT	HY
2015	6	25835	Portland City of	IPP	Ground Water Pumping Station	OR	50105	GPS6	0.9	Conventional Hydroelectric	WAT	HY
2015	6	54842	WM Renewable Energy LLC	IPP	New Millford Gas Recovery	CT	50564	GEN4	0.8	Landfill Gas	LFG	IC
2015	6	20860	Wisconsin Public Service Corp	Electric Utility	Pulliam	WI	4072	5	47.7	Conventional Steam Coal	SUB	ST
2015	6	20860	Wisconsin Public Service Corp	Electric Utility	Pulliam	WI	4072	6	69.8	Conventional Steam Coal	SUB	ST
2015	6	20860	Wisconsin Public Service Corp	Electric Utility	Weston	WI	4078	1	50.7	Conventional Steam Coal	SUB	ST
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8	103.8	Conventional Hydroelectric	WAT	HY
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN1	4.0	Wood/Wood Waste Biomass	BLO	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN2	4.0	Wood/Wood Waste Biomass	BLO	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN3	7.5	Wood/Wood Waste Biomass	BLO	ST
2015	10	1991	Boise White Paper LLC	Industrial	Boise Cascade International Falls	MN	10486	GEN4	7.5	Wood/Wood Waste Biomass	BLO	ST
2015	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT1	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	18445	City of Tallahassee - (FL)	Electric Utility	S O Purdom	FL	689	GT2	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	1	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	2	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	11	52	ACE Cogeneration Co	Electric CHP	ACE Cogeneration Facility	CA	10002	GEN1	101.2	Conventional Steam Coal	BIT	ST
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	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	11206	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	3	445.0	Other Natural Gas	NG	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	3	79.0	Conventional Steam Coal	SUB	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	4	153.0	Conventional Steam Coal	SUB	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN1	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN2	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN4	5.2	Other Natural Gas	NG	ST
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	3	152.0	Conventional Steam Coal	BIT	ST
2015	12	15466	Public Service Co of Colorado	Electric Utility	Ponnequin	CO	7937	30	9.9	Onshore Wind Turbine	WND	WT
2015	12	15466	Public Service Co of Colorado	Electric Utility	Ponnequin	CO	7937	8	15.4	Onshore Wind Turbine	WND	WT
2015	12	15466	Public Service Co of Colorado	Electric Utility	Zuni	CO	478	2	60.0	Other Natural Gas	NG	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	1	6.6	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	2	7.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	3	20.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	4	46.4	Conventional Steam Coal	BIT	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	10	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	5	107.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	6	107.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	7	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	8	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	9	141.0	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Edgewater	WI	4050	3	47.2	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Generating Station	WI	4054	1	103.1	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Generating Station	WI	4054	2	103.1	Conventional Steam Coal	SUB	ST
2016	1	9231	City of Independence - (MO)	Electric Utility	Missouri City	MO	2171	1	19.0	Conventional Steam Coal	BIT	ST
2016	1	9231	City of Independence - (MO)	Electric Utility	Missouri City	MO	2171	2	19.0	Conventional Steam Coal	BIT	ST
2016	1	5960	Empire District Electric Co	Electric Utility	Riverton	KS	1239	9	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	1	9788	John Deere Harvester Works Co	Industrial	John Deere Harvester Works	IL	10038	GEN7	0.8	Conventional Steam Coal	BIT	ST
2016	1	10006	Kansas City Power & Light Co	Electric Utility	Black Dog	MO	2080	1	170.0	Conventional Steam Coal	SUB	ST
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	1	370.0	Conventional Steam Coal	BIT	ST
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	2	499.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	1	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	2	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	3	178.0	Conventional Steam Coal	BIT	ST
2016	3	18642	Tennessee Valley Authority	Electric Utility	Colbert	AL	47	4	178.0	Conventional Steam Coal	BIT	ST
2016	4	803	Arizona Public Service Co	Electric Utility	Cholla	AZ	113	2	260.0	Conventional Steam Coal	SUB	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	2	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	3	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	4	85.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	5	95.0	Conventional Steam Coal	BIT	ST
2016	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	6	318.0	Conventional Steam Coal	BIT	ST
2016	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	3	74.0	Conventional Steam Coal	BIT	ST
2016	4	5580	East Kentucky Power Coop, Inc	Electric Utility	Dale	KY	1385	4	75.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	2	52.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	3	101.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	4	115.0	Other Natural Gas	NG	ST
2016	4	7140	Georgia Power Co	Electric Utility	Kraft	GA	733	ST1	48.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	3	40.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	4	56.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	5	62.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	6	99.0	Conventional Steam Coal	BIT	ST
2016	4	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley (IN)	IN	991	IC1	3.0	Petroleum Liquids	DFO	IC
2016	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	3	68.0	Conventional Steam Coal	BIT	ST
2016	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	4	95.0	Conventional Steam Coal	BIT	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	1	134.3	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	2	283.7	Conventional Steam Coal	SUB	ST
2016	4	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	U3J98	1.0	Landfill Gas	LFG	IC
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	103.8	Conventional Hydroelectric	WAT	HY
2016	4	15474	Public Service Co of Oklahoma	Electric Utility	Northeastern	OK	2963	4	460.0	Conventional Steam Coal	SUB	ST
2016	4	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	2	528.0	Conventional Steam Coal	SUB	ST
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P2	24.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P1	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P2	10.0	Petroleum Liquids	DFO	GT

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	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P2	25.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P3	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P4	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Rio Pinar	FL	637	P1	12.0	Petroleum Liquids	DFO	GT
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC1	2.0	Petroleum Liquids	DFO	IC
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC2	2.0	Petroleum Liquids	DFO	IC
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC3	2.0	Petroleum Liquids	DFO	IC
2016	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC4	2.0	Petroleum Liquids	DFO	IC
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KC	1239	8	54.0	Conventional Steam Coal	SUB	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	7	7140	Georgia Power Co	Electric Utility	Mitchell (GA)	GA	727	3	155.0	Conventional Steam Coal	BIT	ST
2016	8	14534	City of Pasadena - (CA)	Electric Utility	Broadway (CA)	CA	420	B3	71.0	Other Natural Gas	NG	ST
2016	8	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	1	5.0	Conventional Steam Coal	BIT	ST
2016	8	57322	Naval Facilities Engineering Command	Commercial	Goddard Steam Plant	MD	57944	2	5.0	Conventional Steam Coal	BIT	ST
2016	8	18125	Stillwater Utilities Authority	Electric Utility	Boomer Lake Station	OK	3000	1	11.5	Other Natural Gas	NG	ST
2016	8	18125	Stillwater Utilities Authority	Electric Utility	Boomer Lake Station	OK	3000	2	13.0	Other Natural Gas	NG	ST
2016	9	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	U2J02	1.0	Landfill Gas	LFG	IC
2016	11	55932	Georgia-Pacific Brewton LLC	Industrial	Georgia-Pacific Brewton Mill	AL	54789	TTG	10.5	Wood/Wood Waste Biomass	BLO	ST
2016	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2016	12	4045	City of Columbia - (MO)	Electric Utility	Columbia (MO)	MO	2123	5	16.5	Conventional Steam Coal	BIT	ST
2016	12	5347	Dow Chemical Co	Industrial	LoO 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	Burlington (IA)	IA	1104	GT1	16.5	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT2	13.9	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT3	15.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT4	16.1	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	1	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	2	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	3	1.9	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT1	24.7	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT2	27.3	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	3	30.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	4	35.9	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC1	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC2	1.4	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	1	12.8	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	79.1	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	1	22.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	2	19.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	1	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Hills	MN	1889	2	2.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	1	28.7	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	82.0	Other Natural Gas	NG	ST
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	El Cajon	CA	301	ENG1	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA2	59.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA3	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	13960	NRG Cabrillo Power Ops Inc	IPP	Miramar	CA	305	MRGT	36.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	15908	NRG California South LP	IPP	Coolwater	CA	329	1	63.0	Other Natural Gas	NG	ST
2016	12	15908	NRG California South LP	IPP	Coolwater	CA	329	2	82.0	Other Natural Gas	NG	ST
2017	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	1	159.0	Conventional Steam Coal	BIT	ST
2017	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	2	164.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	5	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	6	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	7	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	8	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	9	78.0	Conventional Steam Coal	SUB	ST
2017	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6	103.8	Conventional Hydroelectric	WAT	HY
2017	3	18445	City of Tallahassee - (FL)	Electric Utility	Anvah B Hopkins	FL	688	GT2	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	5	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	6	45.0	Other Natural Gas	NG	ST
2017	5	12628	NRG Chalk Point LLC	IPP	Chalk Point LLC	MD	1571	ST1	331.0	Conventional Steam Coal	BIT	ST
2017	5	12628	NRG Chalk Point LLC	IPP	Chalk Point LLC	MD	1571	ST2	336.0	Conventional Steam Coal	BIT	ST
2017	5	15452	PSEG Power Connecticut LLC	IPP	Bridgeport Station	CT	568	4	16.0	Petroleum Liquids	KER	GT
2017	6	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN2	32.0	Conventional Steam Coal	BIT	ST
2017	6	142	AES Beaver Valley	Electric CHP	AES Beaver Valley Partners Beaver Valley	PA	10676	GEN3	114.0	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	1	239.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	2	238.9	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	3	605.3	Conventional Steam Coal	BIT	ST
2017	6	58534	Brayton Point Energy LLC	IPP	Brayton Point	MA	1619	4	435.0	Petroleum Liquids	RFO	ST
2017	6	11820	Massachusetts Inst of Tech	Commercial	Mass Inst Tech Cntrl Utilities/Cogen Plt	MA	54907	CTG1	19.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	6	18642	Tennessee Valley Authority	Electric Utility	Paradise	KY	1378	1	628.0	Conventional Steam Coal	BIT	ST
2017	6	18642	Tennessee Valley Authority	Electric Utility	Paradise	KY	1378	2	602.0	Conventional Steam Coal	BIT	ST
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT1	0.5	Landfill Gas	LFG	IC
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT2	0.3	Landfill Gas	LFG	IC
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT3	0.3	Landfill Gas	LFG	IC
2017	10	5677	Waste Energy Services Inc	Electric CHP	Waste Energy Services	MI	50077	CAT4	0.3	Landfill Gas	LFG	IC
2017	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	7	104.0	Conventional Steam Coal	BIT	ST
2017	12	463	Ameresco LFG I Inc	IPP	Al Turi	NY	10549	3010	0.8	Landfill Gas	LFG	IC
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	4	83.0	Natural Gas Fired Combined Cycle	NG	CA
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT1	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT2	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	7	46.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	2	104.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	3	110.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	4	300.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	5	330.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	ST1	106.0	Other Natural Gas	NG	ST
2017	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	4	257.0	Conventional Steam Coal	BIT	ST
2017	12	59099	New Dimension Energy Company, LLC	IPP	Altamont Midway Ltd	CA	50011	WTGS	10.9	Onshore Wind Turbine	WND	WT
2017	12	59099	New Dimension Energy Company, LLC	IPP	Altch	CA	50818	GEN1	10.5	Onshore Wind Turbine	WND	WT
2017	12	59099	New Dimension Energy Company, LLC	IPP	Santa Clara (85C)	CA	50534	WGENS	18.0	Onshore Wind Turbine	WND	WT
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	1	9.0	Municipal Solid Waste	MSW	ST
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	2	9.0	Municipal Solid Waste	MSW	ST
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	1	9.0	Municipal Solid Waste	MSW	ST
2017	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	2	9.0	Municipal Solid Waste	MSW	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	1	52.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	2	52.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	3	117.0	Other Natural Gas	NG	ST
2017	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Mustang	OK	2953	4	250.0	Other Natural Gas	NG	ST
2017	12	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3	103.8	Conventional Hydroelectric	WAT	HY
2017	12	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	2	340.0	Conventional Steam Coal	BIT	ST
2017	12	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	3	497.0	Conventional Steam Coal	BIT	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	1	107.0	Conventional Steam Coal	SUB	ST

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	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	2	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	3	107.0	Conventional Steam Coal	SUB	ST
2017	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	4	107.0	Conventional Steam Coal	SUB	ST
2018	1	12541	City of Milford - (IA)	Electric Utility	Milford	IA	1164	1	0.6	Petroleum Liquids	DFO	IC
2018	1	12541	City of Milford - (IA)	Electric Utility	Milford	IA	1164	4	0.5	Petroleum Liquids	DFO	IC
2018	1	17891	City of St Marys - (OH)	Electric Utility	St Marys	OH	2942	7	12.0	Petroleum Liquids	DFO	GT
2018	1	15466	Public Service Co of Colorado	Electric Utility	Valmont	CO	477	5	184.0	Conventional Steam Coal	BIT	ST
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	1	28.0	Petroleum Liquids	RFO	ST
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	2	29.0	Petroleum Liquids	RFO	ST
2018	5	6455	Duke Energy Florida, Inc	Electric Utility	Suwannee River	FL	638	3	71.0	Petroleum Liquids	RFO	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	2	173.0	Conventional Steam Coal	BIT	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	3	173.0	Conventional Steam Coal	BIT	ST
2018	5	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	ST1	173.0	Conventional Steam Coal	BIT	ST
2018	6	9397	International Turbine Res Inc	IPP	Dinosaur Point	CA	10005	WTGS	17.0	Onshore Wind Turbine	WND	WT
2018	7	7308	Hawkeye Energy Greenport LLC	IPP	Hawkeye Energy Greenport LLC	NY	55969	U-01	52.5	Petroleum Liquids	KER	GT
2018	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	1	113.0	Other Natural Gas	NG	ST
2018	12	16604	City of San Antonio - (TX)	Electric Utility	J T Deely	TX	6181	1	420.0	Conventional Steam Coal	SUB	ST
2018	12	16604	City of San Antonio - (TX)	Electric Utility	J T Deely	TX	6181	2	420.0	Conventional Steam Coal	SUB	ST
2018	12	12384	Midwest Generations EME LLC	IPP	Will County	IL	884	4	510.0	Conventional Steam Coal	SUB	ST
2018	12	13781	Northern States Power Co - Minnesota	Electric Utility	Northern States Flambeau	WI	3984	1	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2018	12	17539	South Carolina Electric&Gas Company	Electric Utility	McMicken	SC	3287	1	125.0	Conventional Steam Coal	BIT	ST
2018	12	17539	South Carolina Electric&Gas Company	Electric Utility	McMicken	SC	3287	2	125.0	Conventional Steam Coal	BIT	ST
2018	12	20856	Wisconsin Power & Light Co	Electric Utility	Edgewater	WI	4050	4	297.1	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Lake Road (MO)	MO	2098	4	96.3	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	1	47.7	Conventional Steam Coal	SUB	ST
2019	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	2	50.6	Conventional Steam Coal	SUB	ST
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	1	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	2	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	3	2.0	Petroleum Liquids	DFO	IC
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	1	138.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	2	137.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	1	64.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	2	66.0	Conventional Steam Coal	BIT	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	1	74.0	Other Natural Gas	NG	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	102.0	Other Natural Gas	NG	ST
2019	12	5951	Exelon Nuclear	IPP	Oyster Creek	NJ	2388	1	614.5	Nuclear	NUC	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	1	76.0	Other Natural Gas	NG	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	2	76.0	Other Natural Gas	NG	ST
2019	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	3	107.0	Other Natural Gas	NG	ST
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	1	39.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	2	39.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	3	36.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	4	39.0	Petroleum Liquids	DFO	GT
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	1	0.5	Conventional Hydroelectric	WAT	HY
2019	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	2	0.5	Conventional Hydroelectric	WAT	HY
2019	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	1	38.0	Other Natural Gas	NG	ST
2019	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	2	90.0	Other Natural Gas	NG	ST
2020	1	21622	The University of Texas at Dallas	Commercial	University of Texas at Dallas	TX	54607	GEN11	3.5	Other Natural Gas	NG	IC
2020	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	1	76.0	Other Natural Gas	NG	ST
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL00	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL01	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL02	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL03	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL04	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL05	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL06	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL07	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL08	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL09	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL10	0.1	Other Waste Biomass	OBG	FC
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	1	174.0	Other Natural Gas	NG	ST
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	2	177.0	Other Natural Gas	NG	ST
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	30	99.0	Natural Gas Fired Combined Cycle	NG	CA
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	31	73.0	Natural Gas Fired Combined Cycle	NG	CT
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	32	73.0	Natural Gas Fired Combined Cycle	NG	CT
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	40	99.0	Natural Gas Fired Combined Cycle	NG	CA
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	41	73.5	Natural Gas Fired Combined Cycle	NG	CT
2020	12	15908	NRG California South LP	IPP	Coolwater	CA	329	42	73.5	Natural Gas Fired Combined Cycle	NG	CT
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	2	58.0	Conventional Steam Coal	SUB	ST
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	3	80.0	Conventional Steam Coal	SUB	ST
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	D1	0.2	Petroleum Liquids	DFO	IC
2020	12	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	D2	0.1	Petroleum Liquids	DFO	IC
2020	12	15248	Portland General Electric Co	Electric Utility	Boardman	OR	6106	1	585.0	Conventional Steam Coal	SUB	IC
2020	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	2	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	3	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	1	107.0	Other Natural Gas	NG	ST
2020	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	3	93.0	Other Natural Gas	NG	ST
2020	12	19099	TransAlta Centralia Gen LLC	IPP	TransAlta Centralia Generation	WA	3845	1	670.0	Conventional Steam Coal	SUB	ST
2020	12	19148	Veolia Energy Trenton L.P.	Commercial	Veolia Energy Trenton L.P.	NJ	50094	7214	0.1	Other Natural Gas	NG	IC
2021	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	2	164.0	Conventional Steam Coal	SUB	ST
2021	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	3	176.0	Conventional Steam Coal	SUB	ST
2021	5	58435	Collinwood BioEnergy	Industrial	Collinwood BioEnergy Facility	OH	58439	CBE01	1.0	Other Waste Biomass	OBG	IC
2021	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	2	113.0	Other Natural Gas	NG	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweat	MS	2048	1	46.0	Other Natural Gas	NG	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweat	MS	2048	2	46.0	Other Natural Gas	NG	ST
2021	12	17166	Sierra Pacific Power Co	Electric Utility	North Valmy	NV	8224	1	254.0	Conventional Steam Coal	BIT	ST
2022	8	6900	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	1	75.0	Other Natural Gas	NG	ST
2022	9	177	AES Hawaii Inc	Electric CHP	AES Hawaii	HI	10673	GEN1	180.0	Conventional Steam Coal	BIT	ST
2022	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	1	71.0	Other Natural Gas	NG	ST
2022	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	2	106.0	Other Natural Gas	NG	ST
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY1	0.7	Conventional Hydroelectric	WAT	HY
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY2	0.7	Conventional Hydroelectric	WAT	HY
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTA	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTB	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTC	21.7	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	STM	24.0	Natural Gas Fired Combined Cycle	NG	CA
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Bay Front	WI	3982	4	15.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Bay Front	WI	3982	5	18.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Bay Front	WI	3982	6	23.0	Conventional Steam Coal	SUB	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	1	6.2	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	2	6.4	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	3	6.9	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Cornell	WI	6086	4	0.4	Conventional Hydroelectric	WAT	HY
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	1	9.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	2	8.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	3	61.0	Petroleum Liquids	DFO	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	4	61.0	Petroleum Liquids	DFO	GT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	1	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	2	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	13781	Northern States Power Co - Minnesota	Electric Utility	Granite City	MN	1910	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	14063	Oklahoma Gas & Electric Co	Electric Utility	Horseshoe Lake	OK	2951	6	169.0	Other Natural Gas	NG	ST
2034	4	58944	Enerparc CA 1, LLC	IPP	Enerparc CA1 LLC	CA	59122	ECA11	1.5	Solar Photovoltaic	SUN	PV
2034	10	58976	Clenera Renewable Energy LLC	IPP	Lancaster Solar 2	CA	59169	LS2	1.5	Solar Photovoltaic	SUN	PV
2034	12	58976	Clenera Renewable Energy LLC	IPP	Avalon Solar	AZ	59168	AS	29.0	Solar Photovoltaic	SUN	PV
2036	7	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	CTG2	160.0	Natural Gas Fired Combined Cycle	NG	CT
2036	7	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	STG1	140.0	Natural Gas Fired Combined Cycle	NG	CA
2045	12	195	Alabama Power Co	Electric Utility	Holt Dam	AL	12	1	45.0	Conventional Hydroelectric	WAT	HY

NOTES:

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

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

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

Table 6.7.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels, January 2013-January 2015

Period	Coal	Natural Gas				Petroleum			
		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%	
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%	
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%	
2015									
January	62.0%	52.0%	3.8%	6.3%	NA	12.4%	0.6%	8.0%	

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-January 2015

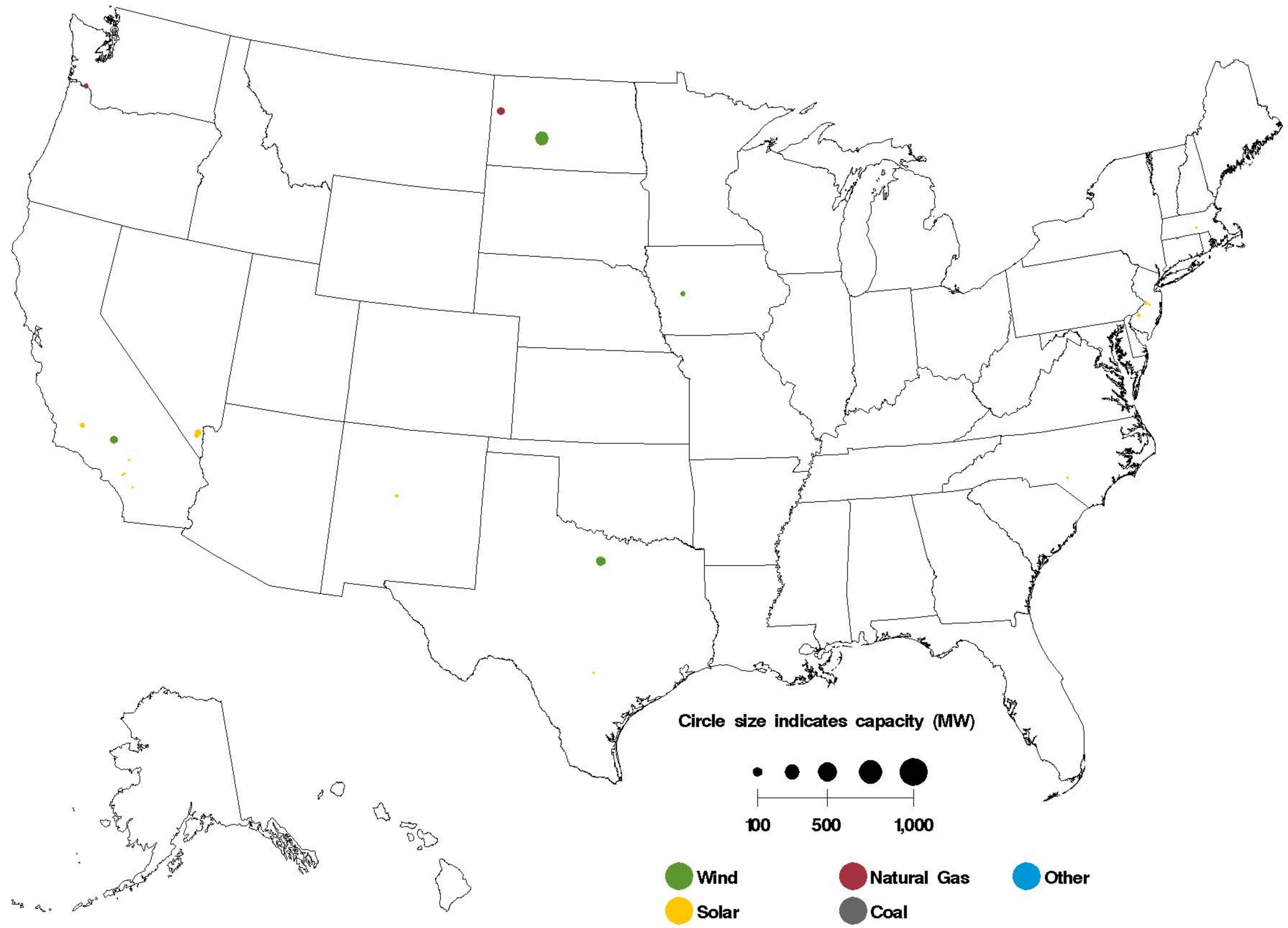
Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Municipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2013	89.9%	38.9%	32.4%	24.7%	17.4%	68.9%	56.7%	73.6%
2014	91.7%	37.5%	33.9%	27.8%	19.5%	68.9%	52.1%	68.8%
2013								
January	93.9%	42.3%	33.5%	13.8%	2.7%	66.0%	56.5%	76.9%
February	90.3%	38.3%	35.4%	19.3%	12.0%	65.2%	56.0%	76.1%
March	83.4%	34.8%	35.9%	22.9%	17.9%	69.0%	55.4%	76.8%
April	77.6%	44.4%	41.1%	24.7%	22.0%	66.9%	44.8%	73.3%
May	83.3%	48.4%	37.0%	25.9%	22.7%	70.4%	50.5%	71.7%
June	93.1%	48.3%	32.4%	29.2%	30.0%	71.0%	54.8%	72.4%
July	95.6%	46.8%	25.3%	27.3%	26.9%	71.1%	58.2%	73.3%
August	96.7%	37.2%	22.0%	29.1%	29.8%	71.9%	64.8%	72.5%
Sept	92.2%	29.9%	27.4%	30.2%	25.5%	69.4%	61.1%	73.6%
October	85.7%	29.2%	31.0%	27.8%	16.5%	66.6%	57.9%	74.7%
November	91.0%	31.1%	37.0%	22.2%	8.4%	69.5%	61.0%	68.8%
December	96.6%	35.9%	31.3%	21.2%	6.4%	69.9%	59.0%	73.0%
2014								
January	99.0%	36.3%	40.4%	21.2%	5.5%	63.6%	56.8%	67.9%
February	93.9%	32.5%	34.4%	22.3%	8.7%	61.4%	55.7%	67.3%
March	84.5%	41.3%	39.6%	29.1%	15.5%	69.2%	53.3%	67.6%
April	78.9%	44.6%	43.1%	32.2%	21.2%	68.9%	39.1%	68.7%
May	85.3%	45.3%	34.5%	34.0%	26.7%	70.9%	42.4%	68.4%
June	95.4%	45.8%	36.1%	35.3%	34.2%	70.5%	56.1%	68.7%
July	97.4%	41.9%	26.7%	32.3%	25.1%	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%
2015								
January	101.2%	41.9%	31.4%	18.9%	4.6%	67.4%	51.6%	74.1%

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.

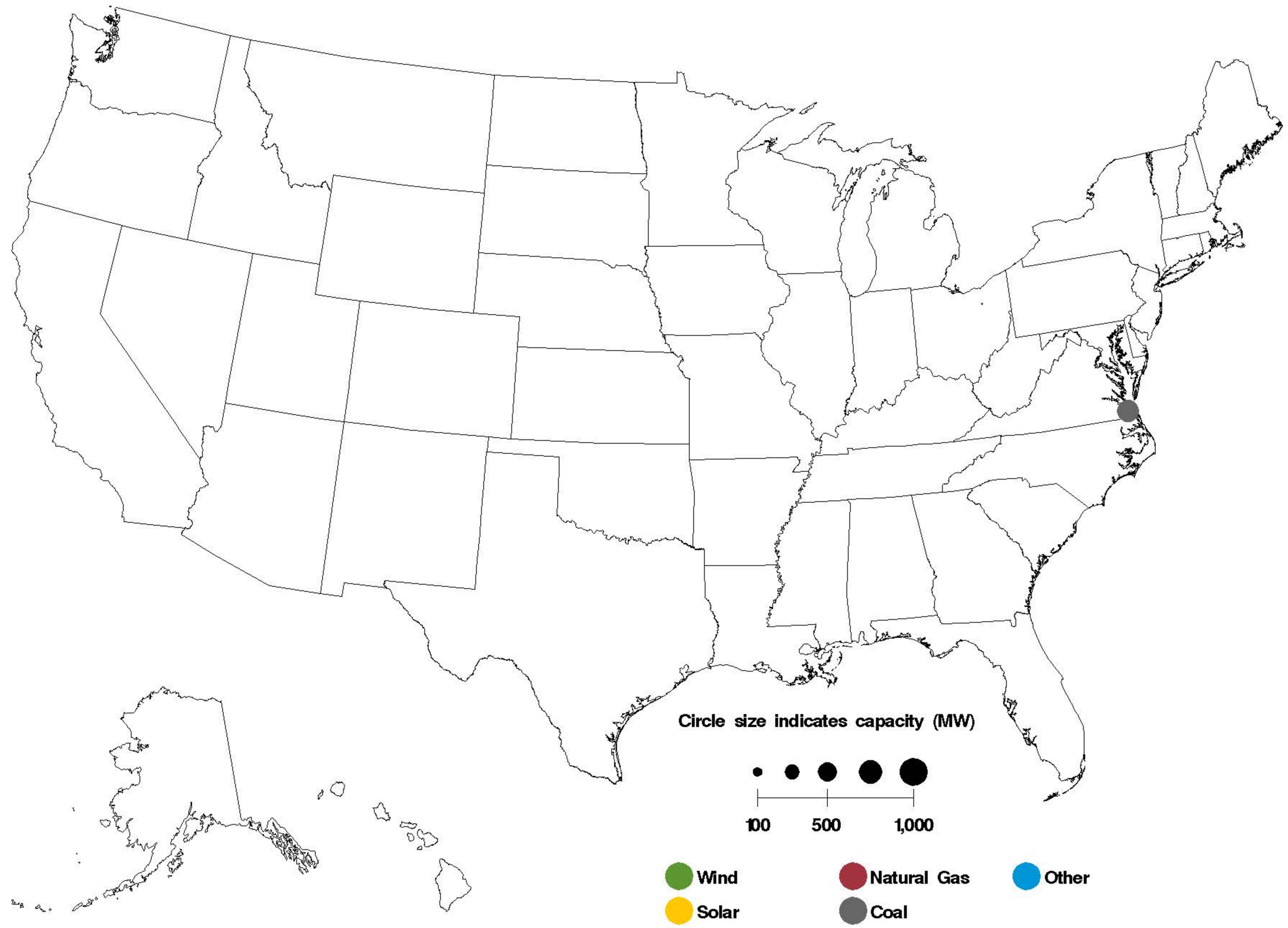
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



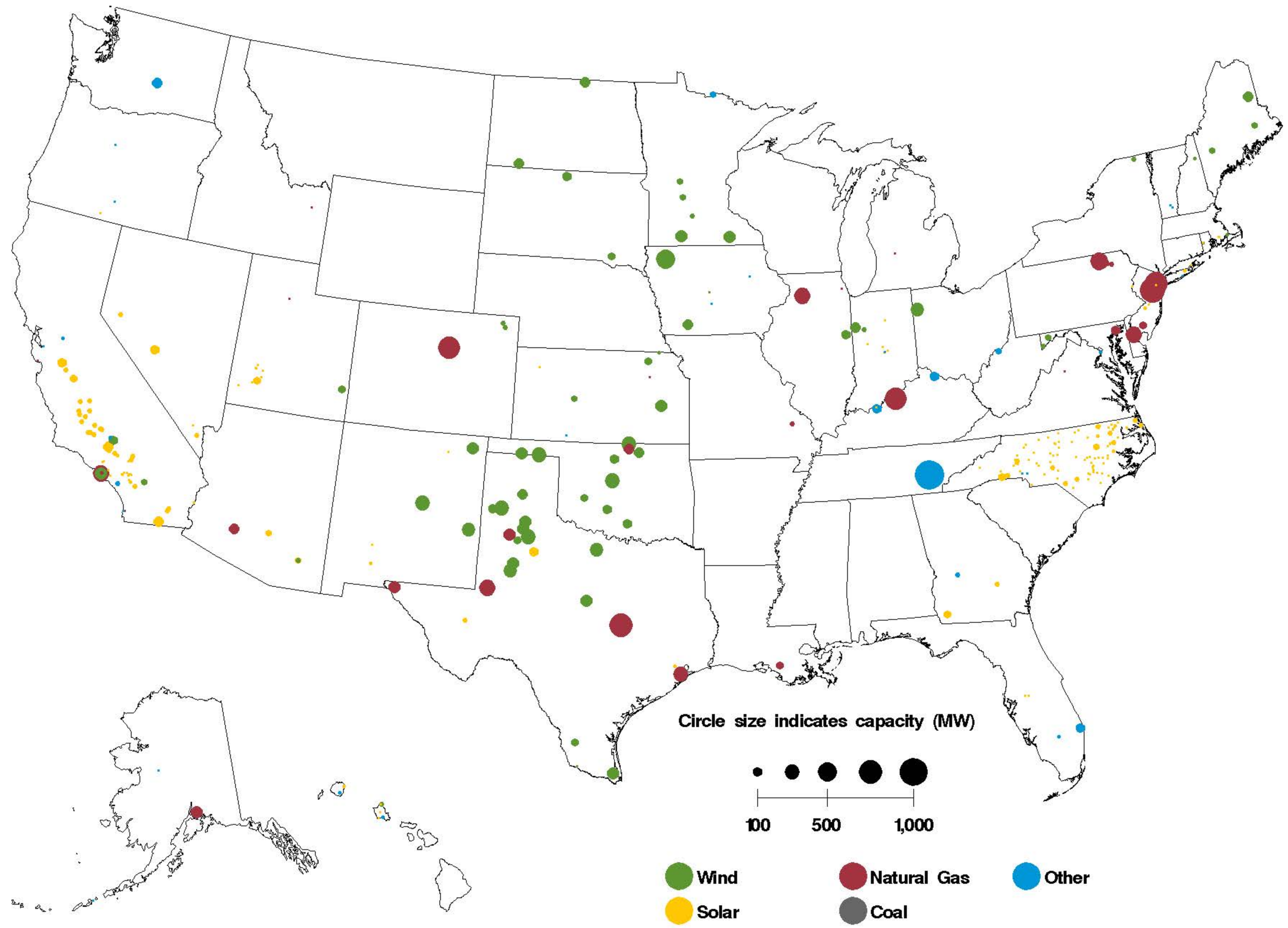
Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



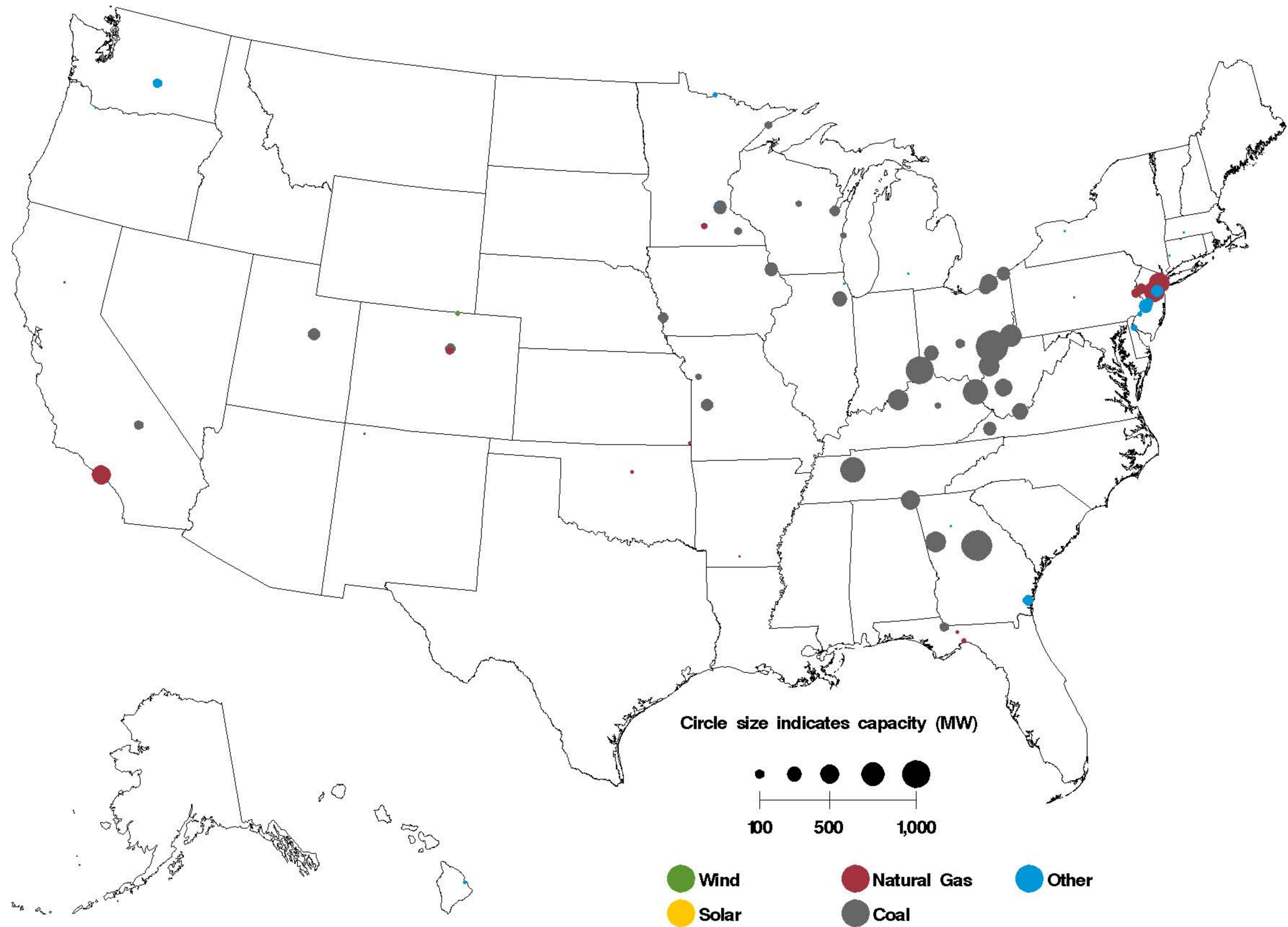
Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from February 2015 to January 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 February 2015 to January 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, January 2015**

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	9	0	2	0	0	7
Connecticut	0	36	0	3	0	0	40
Maine	0	3	0	9	0	0	9
Massachusetts	0	20	0	4	0	0	21
New Hampshire	0	30	0	2	0	0	14
Rhode Island	0	42	0	3	0	0	374
Vermont	0	567	0	0	0	0	22
Middle Atlantic	1	6	59	1	10	0	2
New Jersey	0	15	123	3	28	0	210
New York	3	6	0	3	0	0	2
Pennsylvania	1	21	67	2	7	0	10
East North Central	0	9	3	1	6	0	13
Illinois	0	36	0	4	22	0	57
Indiana	0	19	0	2	5	0	16
Michigan	3	7	10	4	11	0	24
Ohio	1	18	3	1	14	0	33
Wisconsin	0	7	0	2	0	0	20
West North Central	1	13	81	5	59	0	5
Iowa	3	47	81	11	0	0	33
Kansas	0	17	0	41	0	0	205
Minnesota	4	66	0	7	0	0	40
Missouri	1	23	0	6	0	0	10
Nebraska	3	40	0	19	0	0	26
North Dakota	2	12	0	228	59	0	0
South Dakota	0	93	0	9	0	0	0
South Atlantic	0	5	0	0	0	0	4
Delaware	0	8	0	4	0	0	0
District of Columbia	0	0	0	193	0	0	0
Florida	2	10	0	1	0	0	50
Georgia	0	13	0	0	0	0	9
Maryland	0	27	0	23	0	0	3
North Carolina	1	11	0	1	0	0	7
South Carolina	0	18	0	1	0	0	12
Virginia	1	6	0	2	0	0	17
West Virginia	0	0	0	9	0	0	13
East South Central	0	24	0	1	24	0	2
Alabama	1	52	0	1	25	0	3
Kentucky	1	25	0	8	0	0	4
Mississippi	0	51	0	0	0	0	0
Tennessee	0	13	0	3	0	0	5
West South Central	1	26	3	1	6	0	6
Arkansas	0	0	0	1	0	0	8
Louisiana	0	5	3	1	10	0	0
Oklahoma	1	847	0	1	0	0	16
Texas	1	93	30	1	7	0	22
Mountain	1	10	0	2	3	0	3
Arizona	0	4	0	1	0	0	2
Colorado	0	111	0	2	0	0	21
Idaho	60	719	0	3	0	0	8
Montana	8	93	0	73	0	0	5
Nevada	0	1	0	2	0	0	3
New Mexico	0	17	0	5	0	0	92
Utah	2	72	0	6	0	0	40
Wyoming	3	3	0	25	3	0	23
Pacific Contiguous	0	43	287	2	10	0	1
California	7	30	287	2	12	0	9
Oregon	0	1,405	0	1	0	0	2
Washington	0	73	0	7	0	0	1
Pacific Noncontiguous	6	9	0	12	270	0	16
Alaska	13	5	0	12	0	0	16
Hawaii	7	10	0	0	270	0	111
U.S. Total	0	4	2	0	4	0	1

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

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

Total (All Sectors) by Census Division and State, January 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	26	2	0	6	1
Connecticut	0	0	0	143	6	0	9	1
Maine	0	0	0	0	2	0	16	3
Massachusetts	0	0	0	28	8	0	8	2
New Hampshire	0	0	0	0	8	0	49	1
Rhode Island	0	0	0	163	14	0	0	3
Vermont	0	0	0	89	9	0	0	13
Middle Atlantic	0	0	0	23	2	0	5	0
New Jersey	0	0	0	25	9	0	10	1
New York	0	0	0	44	2	0	9	1
Pennsylvania	0	0	0	77	2	0	6	1
East North Central	0	0	0	36	1	0	8	0
Illinois	0	0	0	85	1	0	25	0
Indiana	0	0	0	46	2	0	3	0
Michigan	0	0	0	0	2	0	14	1
Ohio	0	0	0	82	5	0	0	0
Wisconsin	0	0	0	0	5	0	40	1
West North Central	0	0	0	140	1	0	14	1
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	328	2	0	17	2
Missouri	0	0	0	154	3	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	67	2
South Dakota	0	0	0	0	2	0	0	1
South Atlantic	0	0	0	14	2	0	4	0
Delaware	0	0	0	86	40	0	0	3
District of Columbia	0	0	0	0	0	0	0	193
Florida	0	0	0	23	4	0	4	1
Georgia	0	0	0	38	4	0	0	0
Maryland	0	0	0	52	4	0	1	1
North Carolina	0	0	0	17	7	0	27	1
South Carolina	0	0	0	271	3	0	20	0
Virginia	0	0	0	0	3	0	6	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	0	0	0	67	5	0	4	0
Alabama	0	0	0	0	8	0	0	1
Kentucky	0	0	0	0	7	0	0	1
Mississippi	0	0	0	0	5	0	187	0
Tennessee	0	0	0	67	13	0	0	1
West South Central	0	0	0	20	1	0	8	0
Arkansas	0	0	0	0	5	0	0	0
Louisiana	0	0	0	0	8	0	6	1
Oklahoma	0	0	0	0	1	0	107	1
Texas	0	0	0	20	1	0	13	1
Mountain	0	4	0	5	1	0	9	1
Arizona	0	0	0	6	5	0	0	0
Colorado	0	0	0	27	1	0	63	1
Idaho	0	51	0	0	9	0	0	5
Montana	0	0	0	0	3	0	0	5
Nevada	0	4	0	6	3	0	80	1
New Mexico	0	176	0	22	7	0	654	1
Utah	0	6	0	426	6	0	191	2
Wyoming	0	0	0	0	2	0	0	3
Pacific Contiguous	0	2	0	3	2	0	10	1
California	0	3	0	3	2	0	11	2
Oregon	0	0	0	113	5	0	66	1
Washington	0	0	0	0	3	0	24	1
Pacific Noncontiguous	0	0	0	85	11	0	0	5
Alaska	0	0	0	0	41	0	0	7
Hawaii	0	0	0	85	10	0	0	7
U.S. Total	0	2	0	4	1	0	3	0

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	9	0	2	0	0	7
Connecticut	0	36	0	3	0	0	40
Maine	0	3	0	9	0	0	9
Massachusetts	0	20	0	4	0	0	21
New Hampshire	0	30	0	2	0	0	14
Rhode Island	0	42	0	3	0	0	374
Vermont	0	567	0	0	0	0	22
Middle Atlantic	1	6	59	1	10	0	2
New Jersey	0	15	123	3	28	0	210
New York	3	6	0	3	0	0	2
Pennsylvania	1	21	67	2	7	0	10
East North Central	0	9	3	1	6	0	13
Illinois	0	36	0	4	22	0	57
Indiana	0	19	0	2	5	0	16
Michigan	3	7	10	4	11	0	24
Ohio	1	18	3	1	14	0	33
Wisconsin	0	7	0	2	0	0	20
West North Central	1	13	81	5	59	0	5
Iowa	3	47	81	11	0	0	33
Kansas	0	17	0	41	0	0	205
Minnesota	4	66	0	7	0	0	40
Missouri	1	23	0	6	0	0	10
Nebraska	3	40	0	19	0	0	26
North Dakota	2	12	0	228	59	0	0
South Dakota	0	93	0	9	0	0	0
South Atlantic	0	5	0	0	0	0	4
Delaware	0	8	0	4	0	0	0
District of Columbia	0	0	0	193	0	0	0
Florida	2	10	0	1	0	0	50
Georgia	0	13	0	0	0	0	9
Maryland	0	27	0	23	0	0	3
North Carolina	1	11	0	1	0	0	7
South Carolina	0	18	0	1	0	0	12
Virginia	1	6	0	2	0	0	17
West Virginia	0	0	0	9	0	0	13
East South Central	0	24	0	1	24	0	2
Alabama	1	52	0	1	25	0	3
Kentucky	1	25	0	8	0	0	4
Mississippi	0	51	0	0	0	0	0
Tennessee	0	13	0	3	0	0	5
West South Central	1	26	3	1	6	0	6
Arkansas	0	0	0	1	0	0	8
Louisiana	0	5	3	1	10	0	0
Oklahoma	1	847	0	1	0	0	16
Texas	1	93	30	1	7	0	22
Mountain	1	10	0	2	3	0	3
Arizona	0	4	0	1	0	0	2
Colorado	0	111	0	2	0	0	21
Idaho	60	719	0	3	0	0	8
Montana	8	93	0	73	0	0	5
Nevada	0	1	0	2	0	0	3
New Mexico	0	17	0	5	0	0	92
Utah	2	72	0	6	0	0	40
Wyoming	3	3	0	25	3	0	23
Pacific Contiguous	0	43	287	2	10	0	1
California	7	30	287	2	12	0	9
Oregon	0	1,405	0	1	0	0	2
Washington	0	73	0	7	0	0	1
Pacific Noncontiguous	6	9	0	12	270	0	16
Alaska	13	5	0	12	0	0	16
Hawaii	7	10	0	0	270	0	111
U.S. Total	0	4	2	0	4	0	1

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

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

Total (All Sectors) by Census Division and State, Year-to-Date through January 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	26	2	0	6	1
Connecticut	0	0	0	143	6	0	9	1
Maine	0	0	0	0	2	0	16	3
Massachusetts	0	0	0	28	8	0	8	2
New Hampshire	0	0	0	0	8	0	49	1
Rhode Island	0	0	0	163	14	0	0	3
Vermont	0	0	0	89	9	0	0	13
Middle Atlantic	0	0	0	23	2	0	5	0
New Jersey	0	0	0	25	9	0	10	1
New York	0	0	0	44	2	0	9	1
Pennsylvania	0	0	0	77	2	0	6	1
East North Central	0	0	0	36	1	0	8	0
Illinois	0	0	0	85	1	0	25	0
Indiana	0	0	0	46	2	0	3	0
Michigan	0	0	0	0	2	0	14	1
Ohio	0	0	0	82	5	0	0	0
Wisconsin	0	0	0	0	5	0	40	1
West North Central	0	0	0	140	1	0	14	1
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	328	2	0	17	2
Missouri	0	0	0	154	3	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	67	2
South Dakota	0	0	0	0	2	0	0	1
South Atlantic	0	0	0	14	2	0	4	0
Delaware	0	0	0	86	40	0	0	3
District of Columbia	0	0	0	0	0	0	0	193
Florida	0	0	0	23	4	0	4	1
Georgia	0	0	0	38	4	0	0	0
Maryland	0	0	0	52	4	0	1	1
North Carolina	0	0	0	17	7	0	27	1
South Carolina	0	0	0	271	3	0	20	0
Virginia	0	0	0	0	3	0	6	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	0	0	0	67	5	0	4	0
Alabama	0	0	0	0	8	0	0	1
Kentucky	0	0	0	0	7	0	0	1
Mississippi	0	0	0	0	5	0	187	0
Tennessee	0	0	0	67	13	0	0	1
West South Central	0	0	0	20	1	0	8	0
Arkansas	0	0	0	0	5	0	0	0
Louisiana	0	0	0	0	8	0	6	1
Oklahoma	0	0	0	0	1	0	107	1
Texas	0	0	0	20	1	0	13	1
Mountain	0	4	0	5	1	0	9	1
Arizona	0	0	0	6	5	0	0	0
Colorado	0	0	0	27	1	0	63	1
Idaho	0	51	0	0	9	0	0	5
Montana	0	0	0	0	3	0	0	5
Nevada	0	4	0	6	3	0	80	1
New Mexico	0	176	0	22	7	0	654	1
Utah	0	6	0	426	6	0	191	2
Wyoming	0	0	0	0	2	0	0	3
Pacific Contiguous	0	2	0	3	2	0	10	1
California	0	3	0	3	2	0	11	2
Oregon	0	0	0	113	5	0	66	1
Washington	0	0	0	0	3	0	24	1
Pacific Noncontiguous	0	0	0	85	11	0	0	5
Alaska	0	0	0	0	41	0	0	7
Hawaii	0	0	0	85	10	0	0	7
U.S. Total	0	2	0	4	1	0	3	0

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

**Table A.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:
Electric Utilities by Census Division and State, January 2015**

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	51	0	0	0	0	19
Connecticut	0	187	0	0	0	0	132
Maine	0	206	0	0	0	0	0
Massachusetts	0	117	0	0	0	0	49
New Hampshire	0	36	0	0	0	0	14
Rhode Island	0	43	0	0	0	0	0
Vermont	0	877	0	0	0	0	38
Middle Atlantic	426	5	0	6	0	0	1
New Jersey	0	3,708	0	278	0	0	0
New York	426	5	0	6	0	0	1
Pennsylvania	0	222	0	1,354	0	0	9
East North Central	1	10	0	1	0	0	14
Illinois	0	111	0	16	0	0	117
Indiana	0	13	0	1	0	0	16
Michigan	3	7	0	3	0	0	25
Ohio	1	23	0	1	0	0	33
Wisconsin	0	6	0	4	0	0	22
West North Central	1	12	0	5	0	0	5
Iowa	3	49	0	10	0	0	33
Kansas	0	17	0	45	0	0	0
Minnesota	4	45	0	6	0	0	57
Missouri	1	23	0	6	0	0	10
Nebraska	3	40	0	0	0	0	26
North Dakota	2	11	0	0	0	0	0
South Dakota	0	98	0	9	0	0	0
South Atlantic	0	4	0	0	0	0	5
Delaware	0	4,467	0	383	0	0	0
Florida	2	8	0	1	0	0	50
Georgia	0	9	0	0	0	0	9
Maryland	0	130	0	0	0	0	0
North Carolina	0	10	0	1	0	0	7
South Carolina	0	18	0	0	0	0	12
Virginia	0	3	0	3	0	0	17
West Virginia	0	0	0	0	0	0	33
East South Central	0	8	0	1	0	0	2
Alabama	1	0	0	4	0	0	3
Kentucky	1	25	0	0	0	0	4
Mississippi	0	54	0	0	0	0	0
Tennessee	0	0	0	0	0	0	5
West South Central	0	4	0	1	0	0	7
Arkansas	0	1	0	0	0	0	8
Louisiana	0	6	0	1	0	0	0
Oklahoma	0	159	0	0	0	0	16
Texas	0	1	0	2	0	0	22
Mountain	1	8	0	1	0	0	3
Arizona	0	4	0	0	0	0	2
Colorado	0	97	0	0	0	0	19
Idaho	0	719	0	4	0	0	8
Montana	191	219	0	76	0	0	5
Nevada	0	1	0	0	0	0	1
New Mexico	0	13	0	6	0	0	92
Utah	1	53	0	3	0	0	41
Wyoming	3	3	0	228	0	0	22
Pacific Contiguous	0	33	0	2	0	0	1
California	0	11	0	3	0	0	8
Oregon	0	0	0	0	0	0	2
Washington	0	381	0	7	0	0	1
Pacific Noncontiguous	0	8	0	12	0	0	16
Alaska	0	5	0	12	0	0	16
Hawaii	0	9	0	0	0	0	204
U.S. Total	0	4	0	0	0	0	1

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

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

Electric Utilities by Census Division and State, January 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	191	5	0	0	4
Connecticut	0	0	0	0	0	0	0	113
Maine	0	0	0	0	0	0	0	206
Massachusetts	0	0	0	191	75	0	0	37
New Hampshire	0	0	0	0	0	0	0	1
Rhode Island	0	0	0	0	0	0	0	43
Vermont	0	0	0	0	0	0	0	15
Middle Atlantic	0	0	0	73	73	0	0	2
New Jersey	0	0	0	73	73	0	0	20
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	9
East North Central	0	0	0	171	3	0	8	0
Illinois	0	0	0	781	183	0	0	1
Indiana	0	0	0	247	16	0	0	0
Michigan	0	0	0	0	5	0	189	2
Ohio	0	0	0	242	85	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	0	0	0	0	1	0	10	1
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	3	0	0	3
Missouri	0	0	0	0	43	0	0	1
Nebraska	0	0	0	0	13	0	0	2
North Dakota	0	0	0	0	2	0	67	2
South Dakota	0	0	0	0	2	0	0	1
South Atlantic	0	0	0	19	2	0	0	0
Delaware	0	0	0	214	214	0	0	303
Florida	0	0	0	0	6	0	0	1
Georgia	0	0	0	182	182	0	0	0
Maryland	0	0	0	208	208	0	0	113
North Carolina	0	0	0	243	243	0	0	0
South Carolina	0	0	0	0	7	0	0	0
Virginia	0	0	0	0	0	0	0	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	0	0	0	0	29	0	0	0
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	0
Tennessee	0	0	0	0	0	0	0	1
West South Central	0	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	0	0	0	0	1
Mountain	0	0	0	19	2	0	80	1
Arizona	0	0	0	19	18	0	0	0
Colorado	0	0	0	0	18	0	0	1
Idaho	0	0	0	0	8	0	0	6
Montana	0	0	0	0	0	0	0	12
Nevada	0	0	0	0	0	0	80	0
New Mexico	0	0	0	66	66	0	654	1
Utah	0	0	0	0	0	0	0	1
Wyoming	0	0	0	0	1	0	0	3
Pacific Contiguous	0	0	0	29	2	0	0	1
California	0	0	0	30	5	0	0	2
Oregon	0	0	0	237	5	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	0	0	0	124	41	0	0	6
Alaska	0	0	0	0	68	0	0	8
Hawaii	0	0	0	124	25	0	0	9
U.S. Total	0	0	0	15	1	0	6	0

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	51	0	0	0	0	19
Connecticut	0	187	0	0	0	0	132
Maine	0	206	0	0	0	0	0
Massachusetts	0	117	0	0	0	0	49
New Hampshire	0	36	0	0	0	0	14
Rhode Island	0	43	0	0	0	0	0
Vermont	0	877	0	0	0	0	38
Middle Atlantic	426	5	0	6	0	0	1
New Jersey	0	3,708	0	278	0	0	0
New York	426	5	0	6	0	0	1
Pennsylvania	0	222	0	1,354	0	0	9
East North Central	1	10	0	1	0	0	14
Illinois	0	111	0	16	0	0	117
Indiana	0	13	0	1	0	0	16
Michigan	3	7	0	3	0	0	25
Ohio	1	23	0	1	0	0	33
Wisconsin	0	6	0	4	0	0	22
West North Central	1	12	0	5	0	0	5
Iowa	3	49	0	10	0	0	33
Kansas	0	17	0	45	0	0	0
Minnesota	4	45	0	6	0	0	57
Missouri	1	23	0	6	0	0	10
Nebraska	3	40	0	0	0	0	26
North Dakota	2	11	0	0	0	0	0
South Dakota	0	98	0	9	0	0	0
South Atlantic	0	4	0	0	0	0	5
Delaware	0	4,467	0	383	0	0	0
Florida	2	8	0	1	0	0	50
Georgia	0	9	0	0	0	0	9
Maryland	0	130	0	0	0	0	0
North Carolina	0	10	0	1	0	0	7
South Carolina	0	18	0	0	0	0	12
Virginia	0	3	0	3	0	0	17
West Virginia	0	0	0	0	0	0	33
East South Central	0	8	0	1	0	0	2
Alabama	1	0	0	4	0	0	3
Kentucky	1	25	0	0	0	0	4
Mississippi	0	54	0	0	0	0	0
Tennessee	0	0	0	0	0	0	5
West South Central	0	4	0	1	0	0	7
Arkansas	0	1	0	0	0	0	8
Louisiana	0	6	0	1	0	0	0
Oklahoma	0	159	0	0	0	0	16
Texas	0	1	0	2	0	0	22
Mountain	1	8	0	1	0	0	3
Arizona	0	4	0	0	0	0	2
Colorado	0	97	0	0	0	0	19
Idaho	0	719	0	4	0	0	8
Montana	191	219	0	76	0	0	5
Nevada	0	1	0	0	0	0	1
New Mexico	0	13	0	6	0	0	92
Utah	1	53	0	3	0	0	41
Wyoming	3	3	0	228	0	0	22
Pacific Contiguous	0	33	0	2	0	0	1
California	0	11	0	3	0	0	8
Oregon	0	0	0	0	0	0	2
Washington	0	381	0	7	0	0	1
Pacific Noncontiguous	0	8	0	12	0	0	16
Alaska	0	5	0	12	0	0	16
Hawaii	0	9	0	0	0	0	204
U.S. Total	0	4	0	0	0	0	1

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

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

Electric Utilities by Census Division and State, Year-to-Date through January 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	191	5	0	0	4
Connecticut	0	0	0	0	0	0	0	113
Maine	0	0	0	0	0	0	0	206
Massachusetts	0	0	0	191	75	0	0	37
New Hampshire	0	0	0	0	0	0	0	1
Rhode Island	0	0	0	0	0	0	0	43
Vermont	0	0	0	0	0	0	0	15
Middle Atlantic	0	0	0	73	73	0	0	2
New Jersey	0	0	0	73	73	0	0	20
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	9
East North Central	0	0	0	171	3	0	8	0
Illinois	0	0	0	781	183	0	0	1
Indiana	0	0	0	247	16	0	0	0
Michigan	0	0	0	0	5	0	189	2
Ohio	0	0	0	242	85	0	0	1
Wisconsin	0	0	0	0	1	0	0	1
West North Central	0	0	0	0	1	0	10	1
Iowa	0	0	0	0	1	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	3	0	0	3
Missouri	0	0	0	0	43	0	0	1
Nebraska	0	0	0	0	13	0	0	2
North Dakota	0	0	0	0	2	0	67	2
South Dakota	0	0	0	0	2	0	0	1
South Atlantic	0	0	0	19	2	0	0	0
Delaware	0	0	0	214	214	0	0	303
Florida	0	0	0	0	6	0	0	1
Georgia	0	0	0	182	182	0	0	0
Maryland	0	0	0	208	208	0	0	113
North Carolina	0	0	0	243	243	0	0	0
South Carolina	0	0	0	0	7	0	0	0
Virginia	0	0	0	0	0	0	0	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	0	0	0	0	29	0	0	0
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	0
Tennessee	0	0	0	0	0	0	0	1
West South Central	0	0	0	0	0	0	0	0
Arkansas	0	0	0	0	0	0	0	1
Louisiana	0	0	0	0	0	0	0	0
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	0	0	0	0	1
Mountain	0	0	0	19	2	0	80	1
Arizona	0	0	0	19	18	0	0	0
Colorado	0	0	0	0	18	0	0	1
Idaho	0	0	0	0	8	0	0	6
Montana	0	0	0	0	0	0	0	12
Nevada	0	0	0	0	0	0	80	0
New Mexico	0	0	0	66	66	0	654	1
Utah	0	0	0	0	0	0	0	1
Wyoming	0	0	0	0	1	0	0	3
Pacific Contiguous	0	0	0	29	2	0	0	1
California	0	0	0	30	5	0	0	2
Oregon	0	0	0	237	5	0	0	2
Washington	0	0	0	0	1	0	0	1
Pacific Noncontiguous	0	0	0	124	41	0	0	6
Alaska	0	0	0	0	68	0	0	8
Hawaii	0	0	0	124	25	0	0	9
U.S. Total	0	0	0	15	1	0	6	0

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

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

Independent Power Producers by Census Division and State, January 2015

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	8	0	1	0	0	8
Connecticut	0	30	0	1	0	0	41
Maine	0	1	0	1	0	0	10
Massachusetts	0	21	0	4	0	0	23
New Hampshire	0	14	0	0	0	0	19
Rhode Island	0	0	0	0	0	0	374
Vermont	0	0	0	0	0	0	27
Middle Atlantic	1	10	0	1	0	0	9
New Jersey	0	12	0	2	0	0	210
New York	1	14	0	3	0	0	11
Pennsylvania	1	20	0	1	0	0	15
East North Central	0	7	0	1	11	0	53
Illinois	0	0	0	1	0	0	55
Indiana	0	0	0	10	0	0	0
Michigan	53	6,781	0	4	14	0	95
Ohio	0	10	0	1	16	0	0
Wisconsin	0	247	0	0	0	0	91
West North Central	106	230	0	24	0	0	64
Iowa	0	161	0	0	0	0	360
Kansas	0	0	0	0	0	0	205
Minnesota	0	326	0	42	0	0	68
Missouri	106	0	0	29	0	0	0
South Dakota	0	235	0	0	0	0	0
South Atlantic	1	8	0	2	0	0	7
Delaware	0	7	0	5	0	0	0
Florida	0	742	0	10	0	0	0
Georgia	0	6	0	1	0	0	215
Maryland	0	19	0	16	0	0	3
North Carolina	77	53	0	0	0	0	101
South Carolina	0	68	0	19	0	0	79
Virginia	0	8	0	0	0	0	90
West Virginia	0	0	0	11	0	0	11
East South Central	0	4	0	0	0	0	260
Alabama	0	4	0	0	0	0	0
Kentucky	0	0	0	0	0	0	260
Mississippi	0	0	0	0	0	0	0
West South Central	2	66	0	0	0	0	5
Arkansas	0	0	0	0	0	0	190
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	2	161	0	0	0	0	141
Mountain	8	79	0	3	0	0	10
Arizona	0	0	0	1	0	0	0
Colorado	290	0	0	3	0	0	78
Idaho	0	0	0	5	0	0	41
Montana	8	23	0	272	0	0	9
Nevada	0	0	0	11	0	0	122
New Mexico	0	224	0	5	0	0	0
Utah	69	1,017	0	87	0	0	284
Wyoming	124	0	0	379	0	0	286
Pacific Contiguous	0	26	287	2	0	0	29
California	54	27	287	2	0	0	56
Oregon	0	0	0	2	0	0	52
Washington	0	87	0	0	0	0	42
Pacific Noncontiguous	5	37	0	0	0	0	0
Alaska	41	0	0	0	0	0	0
Hawaii	0	37	0	0	0	0	0
U.S. Total	1	7	1	0	4	0	5

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

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

Independent Power Producers by Census Division and State, January 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	26	3	0	6	1
Connecticut	0	0	0	143	5	0	9	1
Maine	0	0	0	0	2	0	17	3
Massachusetts	0	0	0	29	7	0	8	2
New Hampshire	0	0	0	0	10	0	49	1
Rhode Island	0	0	0	163	10	0	0	1
Vermont	0	0	0	89	22	0	0	20
Middle Atlantic	0	0	0	26	2	0	6	0
New Jersey	0	0	0	30	10	0	13	1
New York	0	0	0	44	2	0	10	1
Pennsylvania	0	0	0	82	2	0	7	1
East North Central	0	0	0	37	1	0	23	0
Illinois	0	0	0	86	1	0	0	0
Indiana	0	0	0	46	1	0	0	2
Michigan	0	0	0	0	3	0	23	2
Ohio	0	0	0	88	4	0	0	0
Wisconsin	0	0	0	0	9	0	0	1
West North Central	0	0	0	140	1	0	41	1
Iowa	0	0	0	0	2	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	328	3	0	41	3
Missouri	0	0	0	154	2	0	0	6
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	2	0	0	2
South Atlantic	0	0	0	16	3	0	5	1
Delaware	0	0	0	94	39	0	0	4
Florida	0	0	0	104	4	0	7	6
Georgia	0	0	0	38	11	0	0	1
Maryland	0	0	0	53	4	0	0	1
North Carolina	0	0	0	17	10	0	27	5
South Carolina	0	0	0	271	53	0	147	17
Virginia	0	0	0	0	6	0	0	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	0	0	0	68	10	0	0	0
Alabama	0	0	0	0	4	0	0	0
Kentucky	0	0	0	0	0	0	0	11
Mississippi	0	0	0	0	82	0	0	0
Tennessee	0	0	0	68	24	0	0	24
West South Central	0	0	0	20	1	0	145	1
Arkansas	0	0	0	0	28	0	0	0
Louisiana	0	0	0	0	33	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	20	1	0	145	1
Mountain	0	4	0	5	1	0	4	3
Arizona	0	0	0	5	4	0	0	1
Colorado	0	0	0	26	1	0	161	2
Idaho	0	51	0	0	11	0	0	8
Montana	0	0	0	0	4	0	0	6
Nevada	0	4	0	6	3	0	0	4
New Mexico	0	176	0	22	6	0	0	4
Utah	0	12	0	426	8	0	191	28
Wyoming	0	0	0	0	4	0	0	26
Pacific Contiguous	0	3	0	3	2	0	20	1
California	0	3	0	3	2	0	23	2
Oregon	0	0	0	128	5	0	66	2
Washington	0	0	0	0	3	0	46	2
Pacific Noncontiguous	0	0	0	116	16	0	0	12
Alaska	0	0	0	0	90	0	0	38
Hawaii	0	0	0	116	15	0	0	13
U.S. Total	0	3	0	3	1	0	4	0

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	8	0	1	0	0	8
Connecticut	0	30	0	1	0	0	41
Maine	0	1	0	1	0	0	10
Massachusetts	0	21	0	4	0	0	23
New Hampshire	0	14	0	0	0	0	19
Rhode Island	0	0	0	0	0	0	374
Vermont	0	0	0	0	0	0	27
Middle Atlantic	1	10	0	1	0	0	9
New Jersey	0	12	0	2	0	0	210
New York	1	14	0	3	0	0	11
Pennsylvania	1	20	0	1	0	0	15
East North Central	0	7	0	1	11	0	53
Illinois	0	0	0	1	0	0	55
Indiana	0	0	0	10	0	0	0
Michigan	53	6,781	0	4	14	0	95
Ohio	0	10	0	1	16	0	0
Wisconsin	0	247	0	0	0	0	91
West North Central	106	230	0	24	0	0	64
Iowa	0	161	0	0	0	0	360
Kansas	0	0	0	0	0	0	205
Minnesota	0	326	0	42	0	0	68
Missouri	106	0	0	29	0	0	0
South Dakota	0	235	0	0	0	0	0
South Atlantic	1	8	0	2	0	0	7
Delaware	0	7	0	5	0	0	0
Florida	0	742	0	10	0	0	0
Georgia	0	6	0	1	0	0	215
Maryland	0	19	0	16	0	0	3
North Carolina	77	53	0	0	0	0	101
South Carolina	0	68	0	19	0	0	79
Virginia	0	8	0	0	0	0	90
West Virginia	0	0	0	11	0	0	11
East South Central	0	4	0	0	0	0	260
Alabama	0	4	0	0	0	0	0
Kentucky	0	0	0	0	0	0	260
Mississippi	0	0	0	0	0	0	0
West South Central	2	66	0	0	0	0	5
Arkansas	0	0	0	0	0	0	190
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	2	0	0	0
Texas	2	161	0	0	0	0	141
Mountain	8	79	0	3	0	0	10
Arizona	0	0	0	1	0	0	0
Colorado	290	0	0	3	0	0	78
Idaho	0	0	0	5	0	0	41
Montana	8	23	0	272	0	0	9
Nevada	0	0	0	11	0	0	122
New Mexico	0	224	0	5	0	0	0
Utah	69	1,017	0	87	0	0	284
Wyoming	124	0	0	379	0	0	286
Pacific Contiguous	0	26	287	2	0	0	29
California	54	27	287	2	0	0	56
Oregon	0	0	0	2	0	0	52
Washington	0	87	0	0	0	0	42
Pacific Noncontiguous	5	37	0	0	0	0	0
Alaska	41	0	0	0	0	0	0
Hawaii	0	37	0	0	0	0	0
U.S. Total	1	7	1	0	4	0	5

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

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

Independent Power Producers by Census Division and State, Year-to-Date through January 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	26	3	0	6	1
Connecticut	0	0	0	143	5	0	9	1
Maine	0	0	0	0	2	0	17	3
Massachusetts	0	0	0	29	7	0	8	2
New Hampshire	0	0	0	0	10	0	49	1
Rhode Island	0	0	0	163	10	0	0	1
Vermont	0	0	0	89	22	0	0	20
Middle Atlantic	0	0	0	26	2	0	6	0
New Jersey	0	0	0	30	10	0	13	1
New York	0	0	0	44	2	0	10	1
Pennsylvania	0	0	0	82	2	0	7	1
East North Central	0	0	0	37	1	0	23	0
Illinois	0	0	0	86	1	0	0	0
Indiana	0	0	0	46	1	0	0	2
Michigan	0	0	0	0	3	0	23	2
Ohio	0	0	0	88	4	0	0	0
Wisconsin	0	0	0	0	9	0	0	1
West North Central	0	0	0	140	1	0	41	1
Iowa	0	0	0	0	2	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	328	3	0	41	3
Missouri	0	0	0	154	2	0	0	6
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	2	0	0	2
South Atlantic	0	0	0	16	3	0	5	1
Delaware	0	0	0	94	39	0	0	4
Florida	0	0	0	104	4	0	7	6
Georgia	0	0	0	38	11	0	0	1
Maryland	0	0	0	53	4	0	0	1
North Carolina	0	0	0	17	10	0	27	5
South Carolina	0	0	0	271	53	0	147	17
Virginia	0	0	0	0	6	0	0	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	0	0	0	68	10	0	0	0
Alabama	0	0	0	0	4	0	0	0
Kentucky	0	0	0	0	0	0	0	11
Mississippi	0	0	0	0	82	0	0	0
Tennessee	0	0	0	68	24	0	0	24
West South Central	0	0	0	20	1	0	145	1
Arkansas	0	0	0	0	28	0	0	0
Louisiana	0	0	0	0	33	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	20	1	0	145	1
Mountain	0	4	0	5	1	0	4	3
Arizona	0	0	0	5	4	0	0	1
Colorado	0	0	0	26	1	0	161	2
Idaho	0	51	0	0	11	0	0	8
Montana	0	0	0	0	4	0	0	6
Nevada	0	4	0	6	3	0	0	4
New Mexico	0	176	0	22	6	0	0	4
Utah	0	12	0	426	8	0	191	28
Wyoming	0	0	0	0	4	0	0	26
Pacific Contiguous	0	3	0	3	2	0	20	1
California	0	3	0	3	2	0	23	2
Oregon	0	0	0	128	5	0	66	2
Washington	0	0	0	0	3	0	46	2
Pacific Noncontiguous	0	0	0	116	16	0	0	12
Alaska	0	0	0	0	90	0	0	38
Hawaii	0	0	0	116	15	0	0	13
U.S. Total	0	3	0	3	1	0	4	0

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	68	0	41	0	0	327
Connecticut	0	838	0	93	0	0	0
Maine	0	375	0	300	0	0	0
Massachusetts	0	87	0	33	0	0	327
New Hampshire	0	154	0	363	0	0	0
Rhode Island	0	153	0	259	0	0	0
Vermont	0	592	0	0	0	0	0
Middle Atlantic	141	122	0	37	0	0	332
New Jersey	0	1,988	0	121	0	0	0
New York	0	123	0	37	0	0	332
Pennsylvania	141	662	0	153	0	0	0
East North Central	21	877	0	25	0	0	597
Illinois	45	413	0	37	0	0	597
Indiana	30	2,303	0	97	0	0	0
Michigan	0	45	0	31	0	0	0
Ohio	364	3,095	0	121	0	0	0
Wisconsin	366	589	0	96	0	0	0
West North Central	28	346	0	77	0	0	0
Iowa	49	380	0	138	0	0	0
Minnesota	0	390	0	94	0	0	0
Missouri	0	739	0	0	0	0	0
Nebraska	0	0	0	1,967	0	0	0
North Dakota	0	593	0	0	0	0	0
South Dakota	0	887	0	0	0	0	0
South Atlantic	9	108	0	68	0	0	142
District of Columbia	0	0	0	193	0	0	0
Florida	0	0	0	164	0	0	0
Georgia	0	114	0	0	0	0	0
Maryland	230	111	0	80	0	0	0
North Carolina	0	429	0	0	0	0	140
South Carolina	0	370	0	301	0	0	404
Virginia	0	1,009	0	535	0	0	0
East South Central	115	526	0	108	0	0	0
Mississippi	0	0	0	229	0	0	0
Tennessee	115	526	0	119	0	0	0
West South Central	0	1,214	0	31	0	0	0
Arkansas	0	0	0	923	0	0	0
Louisiana	0	0	0	78	0	0	0
Oklahoma	0	13,165	0	194	0	0	0
Texas	0	1,216	0	33	0	0	0
Mountain	0	6,236	0	45	0	0	336
Arizona	0	747	0	74	0	0	0
Colorado	0	8,291	0	0	0	0	336
Nevada	0	0	0	102	0	0	0
New Mexico	0	0	0	98	0	0	0
Utah	0	0	0	93	0	0	0
Pacific Contiguous	0	1,260	0	22	0	0	1,363
California	0	1,515	0	23	0	0	1,363
Oregon	0	3,574	0	123	0	0	0
Washington	0	223	0	227	0	0	0
Pacific Noncontiguous	14	52	0	443	0	0	0
Alaska	14	99	0	443	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	11	52	0	13	0	0	124

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, January 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	293	31	0	36	27
Connecticut	0	0	0	0	68	0	75	77
Maine	0	0	0	0	38	0	41	43
Massachusetts	0	0	0	293	104	0	0	30
New Hampshire	0	0	0	0	58	0	0	98
Rhode Island	0	0	0	0	199	0	0	129
Vermont	0	0	0	0	345	0	0	349
Middle Atlantic	0	0	0	50	12	0	12	18
New Jersey	0	0	0	50	19	0	0	34
New York	0	0	0	391	23	0	28	24
Pennsylvania	0	0	0	907	11	0	0	47
East North Central	0	0	0	356	17	0	20	19
Illinois	0	0	0	0	0	0	0	34
Indiana	0	0	0	0	77	0	93	59
Michigan	0	0	0	0	16	0	19	19
Ohio	0	0	0	356	356	0	0	118
Wisconsin	0	0	0	0	76	0	0	80
West North Central	0	0	0	0	30	0	77	25
Iowa	0	0	0	0	72	0	0	43
Minnesota	0	0	0	0	69	0	77	58
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	77	0	0	91
North Dakota	0	0	0	0	0	0	0	593
South Dakota	0	0	0	0	0	0	0	887
South Atlantic	0	0	0	63	15	0	16	25
Delaware	0	0	0	0	287	0	0	287
District of Columbia	0	0	0	0	0	0	0	193
Florida	0	0	0	461	48	0	0	76
Georgia	0	0	0	358	66	0	0	62
Maryland	0	0	0	257	66	0	546	63
North Carolina	0	0	0	67	40	0	0	18
South Carolina	0	0	0	0	0	0	0	243
Virginia	0	0	0	0	13	0	16	11
East South Central	0	0	0	437	437	0	0	95
Mississippi	0	0	0	0	0	0	0	229
Tennessee	0	0	0	437	437	0	0	103
West South Central	0	0	0	401	70	0	0	29
Arkansas	0	0	0	0	148	0	0	203
Louisiana	0	0	0	0	0	0	0	78
Oklahoma	0	0	0	0	0	0	0	194
Texas	0	0	0	401	74	0	0	31
Mountain	0	0	0	76	76	0	0	41
Arizona	0	0	0	135	135	0	0	69
Colorado	0	0	0	168	165	0	0	183
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	104	104	0	0	82
New Mexico	0	0	0	0	497	0	0	96
Utah	0	0	0	0	0	0	0	93
Pacific Contiguous	0	0	0	63	10	0	0	14
California	0	0	0	63	10	0	0	14
Oregon	0	0	0	0	78	0	0	100
Washington	0	0	0	0	91	0	0	137
Pacific Noncontiguous	0	0	0	0	9	0	0	7
Alaska	0	0	0	0	48	0	0	16
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	0	0	0	31	7	0	8	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.

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	68	0	41	0	0	327
Connecticut	0	838	0	93	0	0	0
Maine	0	375	0	300	0	0	0
Massachusetts	0	87	0	33	0	0	327
New Hampshire	0	154	0	363	0	0	0
Rhode Island	0	153	0	259	0	0	0
Vermont	0	592	0	0	0	0	0
Middle Atlantic	141	122	0	37	0	0	332
New Jersey	0	1,988	0	121	0	0	0
New York	0	123	0	37	0	0	332
Pennsylvania	141	662	0	153	0	0	0
East North Central	21	877	0	25	0	0	597
Illinois	45	413	0	37	0	0	597
Indiana	30	2,303	0	97	0	0	0
Michigan	0	45	0	31	0	0	0
Ohio	364	3,095	0	121	0	0	0
Wisconsin	366	589	0	96	0	0	0
West North Central	28	346	0	77	0	0	0
Iowa	49	380	0	138	0	0	0
Minnesota	0	390	0	94	0	0	0
Missouri	0	739	0	0	0	0	0
Nebraska	0	0	0	1,967	0	0	0
North Dakota	0	593	0	0	0	0	0
South Dakota	0	887	0	0	0	0	0
South Atlantic	9	108	0	68	0	0	142
District of Columbia	0	0	0	193	0	0	0
Florida	0	0	0	164	0	0	0
Georgia	0	114	0	0	0	0	0
Maryland	230	111	0	80	0	0	0
North Carolina	0	429	0	0	0	0	140
South Carolina	0	370	0	301	0	0	404
Virginia	0	1,009	0	535	0	0	0
East South Central	115	526	0	108	0	0	0
Mississippi	0	0	0	229	0	0	0
Tennessee	115	526	0	119	0	0	0
West South Central	0	1,214	0	31	0	0	0
Arkansas	0	0	0	923	0	0	0
Louisiana	0	0	0	78	0	0	0
Oklahoma	0	13,165	0	194	0	0	0
Texas	0	1,216	0	33	0	0	0
Mountain	0	6,236	0	45	0	0	336
Arizona	0	747	0	74	0	0	0
Colorado	0	8,291	0	0	0	0	336
Nevada	0	0	0	102	0	0	0
New Mexico	0	0	0	98	0	0	0
Utah	0	0	0	93	0	0	0
Pacific Contiguous	0	1,260	0	22	0	0	1,363
California	0	1,515	0	23	0	0	1,363
Oregon	0	3,574	0	123	0	0	0
Washington	0	223	0	227	0	0	0
Pacific Noncontiguous	14	52	0	443	0	0	0
Alaska	14	99	0	443	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	11	52	0	13	0	0	124

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 January 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	293	31	0	36	27
Connecticut	0	0	0	0	68	0	75	77
Maine	0	0	0	0	38	0	41	43
Massachusetts	0	0	0	293	104	0	0	30
New Hampshire	0	0	0	0	58	0	0	98
Rhode Island	0	0	0	0	199	0	0	129
Vermont	0	0	0	0	345	0	0	349
Middle Atlantic	0	0	0	50	12	0	12	18
New Jersey	0	0	0	50	19	0	0	34
New York	0	0	0	391	23	0	28	24
Pennsylvania	0	0	0	907	11	0	0	47
East North Central	0	0	0	356	17	0	20	19
Illinois	0	0	0	0	0	0	0	34
Indiana	0	0	0	0	77	0	93	59
Michigan	0	0	0	0	16	0	19	19
Ohio	0	0	0	356	356	0	0	118
Wisconsin	0	0	0	0	76	0	0	80
West North Central	0	0	0	0	30	0	77	25
Iowa	0	0	0	0	72	0	0	43
Minnesota	0	0	0	0	69	0	77	58
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	77	0	0	91
North Dakota	0	0	0	0	0	0	0	593
South Dakota	0	0	0	0	0	0	0	887
South Atlantic	0	0	0	63	15	0	16	25
Delaware	0	0	0	0	287	0	0	287
District of Columbia	0	0	0	0	0	0	0	193
Florida	0	0	0	461	48	0	0	76
Georgia	0	0	0	358	66	0	0	62
Maryland	0	0	0	257	66	0	546	63
North Carolina	0	0	0	67	40	0	0	18
South Carolina	0	0	0	0	0	0	0	243
Virginia	0	0	0	0	13	0	16	11
East South Central	0	0	0	437	437	0	0	95
Mississippi	0	0	0	0	0	0	0	229
Tennessee	0	0	0	437	437	0	0	103
West South Central	0	0	0	401	70	0	0	29
Arkansas	0	0	0	0	148	0	0	203
Louisiana	0	0	0	0	0	0	0	78
Oklahoma	0	0	0	0	0	0	0	194
Texas	0	0	0	401	74	0	0	31
Mountain	0	0	0	76	76	0	0	41
Arizona	0	0	0	135	135	0	0	69
Colorado	0	0	0	168	165	0	0	183
Idaho	0	0	0	0	0	0	0	0
Nevada	0	0	0	104	104	0	0	82
New Mexico	0	0	0	0	497	0	0	96
Utah	0	0	0	0	0	0	0	93
Pacific Contiguous	0	0	0	63	10	0	0	14
California	0	0	0	63	10	0	0	14
Oregon	0	0	0	0	78	0	0	100
Washington	0	0	0	0	91	0	0	137
Pacific Noncontiguous	0	0	0	0	9	0	0	7
Alaska	0	0	0	0	48	0	0	16
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	0	0	0	31	7	0	8	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.

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	26	130	0	44	0	0	24
Connecticut	0	1,729	0	69	0	0	0
Maine	0	108	0	64	0	0	22
Massachusetts	105	887	0	133	0	0	420
New Hampshire	0	276	0	291	0	0	557
Middle Atlantic	13	32	59	37	10	0	100
New Jersey	0	808	123	77	28	0	0
New York	0	9	0	83	0	0	100
Pennsylvania	20	244	67	47	7	0	0
East North Central	6	62	39	31	6	0	65
Illinois	7	0	0	80	22	0	0
Indiana	141	8	0	43	5	0	0
Michigan	30	229	79	54	0	0	164
Ohio	17	156	210	135	27	0	0
Wisconsin	10	99	0	71	0	0	71
West North Central	9	144	112	54	59	0	95
Iowa	9	357	112	104	0	0	0
Kansas	0	0	0	92	0	0	0
Minnesota	21	188	0	89	0	0	95
Missouri	86	0	0	591	0	0	0
Nebraska	29	0	0	514	0	0	0
North Dakota	58	277	0	256	59	0	0
South Atlantic	21	51	0	10	0	0	9
Delaware	0	0	0	0	0	0	0
Florida	189	226	0	18	0	0	0
Georgia	38	83	0	27	0	0	164
Maryland	0	1,291	0	214	0	0	0
North Carolina	207	53	0	52	0	0	15
South Carolina	0	0	0	80	0	0	0
Virginia	51	296	0	26	0	0	235
West Virginia	5	0	0	812	0	0	6
East South Central	12	192	0	10	24	0	14
Alabama	80	201	0	15	25	0	0
Kentucky	0	0	0	95	0	0	0
Mississippi	0	0	0	10	0	0	0
Tennessee	3	758	0	48	0	0	14
West South Central	89	368	33	2	11	0	0
Arkansas	0	0	0	23	0	0	0
Louisiana	0	0	44	3	17	0	0
Oklahoma	115	1,191	0	88	0	0	0
Texas	0	679	30	3	15	0	0
Mountain	24	615	0	25	3	0	0
Colorado	357	797	0	258	0	0	0
Idaho	60	0	0	80	0	0	0
Montana	193	0	0	0	0	0	0
Nevada	0	0	0	81	0	0	0
New Mexico	0	729	0	0	0	0	0
Utah	0	1,158	0	44	0	0	0
Wyoming	27	1,037	0	17	3	0	0
Pacific Contiguous	0	59	0	8	12	0	0
California	0	278	0	8	12	0	0
Oregon	0	0	0	107	0	0	0
Washington	0	38	0	0	0	0	0
Pacific Noncontiguous	310	26	0	142	270	0	134
Alaska	0	22	0	142	0	0	0
Hawaii	310	31	0	0	270	0	134
U.S. Total	6	24	20	2	5	0	9

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

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

Industrial Sector by Census Division and State, January 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	4	0	30	15
Connecticut	0	0	0	0	0	0	0	69
Maine	0	0	0	0	4	0	30	12
Massachusetts	0	0	0	0	298	0	0	105
New Hampshire	0	0	0	0	0	0	0	256
Middle Atlantic	0	0	0	201	11	0	0	14
New Jersey	0	0	0	559	559	0	0	49
New York	0	0	0	0	3	0	0	19
Pennsylvania	0	0	0	216	16	0	0	18
East North Central	0	0	0	0	9	0	10	5
Illinois	0	0	0	0	0	0	25	11
Indiana	0	0	0	0	51	0	0	8
Michigan	0	0	0	0	15	0	0	15
Ohio	0	0	0	0	17	0	0	16
Wisconsin	0	0	0	0	16	0	66	11
West North Central	0	0	0	0	13	0	55	8
Iowa	0	0	0	0	0	0	0	10
Kansas	0	0	0	0	0	0	0	92
Minnesota	0	0	0	0	14	0	55	15
Missouri	0	0	0	0	157	0	0	88
Nebraska	0	0	0	0	0	0	0	31
North Dakota	0	0	0	0	69	0	0	41
South Atlantic	0	0	0	0	3	0	5	3
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	9	0	5	8
Georgia	0	0	0	0	5	0	0	5
Maryland	0	0	0	0	0	0	0	22
North Carolina	0	0	0	0	9	0	0	13
South Carolina	0	0	0	0	1	0	0	2
Virginia	0	0	0	0	6	0	0	11
West Virginia	0	0	0	0	0	0	0	4
East South Central	0	0	0	0	5	0	29	4
Alabama	0	0	0	0	8	0	0	8
Kentucky	0	0	0	0	5	0	0	33
Mississippi	0	0	0	0	5	0	187	6
Tennessee	0	0	0	0	15	0	0	7
West South Central	0	0	0	0	5	0	8	2
Arkansas	0	0	0	0	4	0	0	6
Louisiana	0	0	0	0	9	0	6	2
Oklahoma	0	0	0	0	27	0	107	44
Texas	0	0	0	0	13	0	13	3
Mountain	0	0	0	345	4	0	68	12
Colorado	0	0	0	0	597	0	67	83
Idaho	0	0	0	0	3	0	0	12
Montana	0	0	0	0	0	0	0	193
Nevada	0	0	0	345	345	0	0	80
New Mexico	0	0	0	0	0	0	0	729
Utah	0	0	0	0	0	0	0	44
Wyoming	0	0	0	0	0	0	0	11
Pacific Contiguous	0	0	0	272	10	0	11	6
California	0	0	0	272	22	0	13	7
Oregon	0	0	0	0	14	0	0	15
Washington	0	0	0	0	12	0	0	10
Pacific Noncontiguous	0	0	0	0	28	0	0	31
Alaska	0	0	0	0	98	0	0	59
Hawaii	0	0	0	0	29	0	0	36
U.S. Total	0	0	0	149	3	0	5	2

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	26	130	0	44	0	0	24
Connecticut	0	1,729	0	69	0	0	0
Maine	0	108	0	64	0	0	22
Massachusetts	105	887	0	133	0	0	420
New Hampshire	0	276	0	291	0	0	557
Middle Atlantic	13	32	59	37	10	0	100
New Jersey	0	808	123	77	28	0	0
New York	0	9	0	83	0	0	100
Pennsylvania	20	244	67	47	7	0	0
East North Central	6	62	39	31	6	0	65
Illinois	7	0	0	80	22	0	0
Indiana	141	8	0	43	5	0	0
Michigan	30	229	79	54	0	0	164
Ohio	17	156	210	135	27	0	0
Wisconsin	10	99	0	71	0	0	71
West North Central	9	144	112	54	59	0	95
Iowa	9	357	112	104	0	0	0
Kansas	0	0	0	92	0	0	0
Minnesota	21	188	0	89	0	0	95
Missouri	86	0	0	591	0	0	0
Nebraska	29	0	0	514	0	0	0
North Dakota	58	277	0	256	59	0	0
South Atlantic	21	51	0	10	0	0	9
Delaware	0	0	0	0	0	0	0
Florida	189	226	0	18	0	0	0
Georgia	38	83	0	27	0	0	164
Maryland	0	1,291	0	214	0	0	0
North Carolina	207	53	0	52	0	0	15
South Carolina	0	0	0	80	0	0	0
Virginia	51	296	0	26	0	0	235
West Virginia	5	0	0	812	0	0	6
East South Central	12	192	0	10	24	0	14
Alabama	80	201	0	15	25	0	0
Kentucky	0	0	0	95	0	0	0
Mississippi	0	0	0	10	0	0	0
Tennessee	3	758	0	48	0	0	14
West South Central	89	368	33	2	11	0	0
Arkansas	0	0	0	23	0	0	0
Louisiana	0	0	44	3	17	0	0
Oklahoma	115	1,191	0	88	0	0	0
Texas	0	679	30	3	15	0	0
Mountain	24	615	0	25	3	0	0
Colorado	357	797	0	258	0	0	0
Idaho	60	0	0	80	0	0	0
Montana	193	0	0	0	0	0	0
Nevada	0	0	0	81	0	0	0
New Mexico	0	729	0	0	0	0	0
Utah	0	1,158	0	44	0	0	0
Wyoming	27	1,037	0	17	3	0	0
Pacific Contiguous	0	59	0	8	12	0	0
California	0	278	0	8	12	0	0
Oregon	0	0	0	107	0	0	0
Washington	0	38	0	0	0	0	0
Pacific Noncontiguous	310	26	0	142	270	0	134
Alaska	0	22	0	142	0	0	0
Hawaii	310	31	0	0	270	0	134
U.S. Total	6	24	20	2	5	0	9

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

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

Industrial Sector by Census Division and State, Year-to-Date through January 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	4	0	30	15
Connecticut	0	0	0	0	0	0	0	69
Maine	0	0	0	0	4	0	30	12
Massachusetts	0	0	0	0	298	0	0	105
New Hampshire	0	0	0	0	0	0	0	256
Middle Atlantic	0	0	0	201	11	0	0	14
New Jersey	0	0	0	559	559	0	0	49
New York	0	0	0	0	3	0	0	19
Pennsylvania	0	0	0	216	16	0	0	18
East North Central	0	0	0	0	9	0	10	5
Illinois	0	0	0	0	0	0	25	11
Indiana	0	0	0	0	51	0	0	8
Michigan	0	0	0	0	15	0	0	15
Ohio	0	0	0	0	17	0	0	16
Wisconsin	0	0	0	0	16	0	66	11
West North Central	0	0	0	0	13	0	55	8
Iowa	0	0	0	0	0	0	0	10
Kansas	0	0	0	0	0	0	0	92
Minnesota	0	0	0	0	14	0	55	15
Missouri	0	0	0	0	157	0	0	88
Nebraska	0	0	0	0	0	0	0	31
North Dakota	0	0	0	0	69	0	0	41
South Atlantic	0	0	0	0	3	0	5	3
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	9	0	5	8
Georgia	0	0	0	0	5	0	0	5
Maryland	0	0	0	0	0	0	0	22
North Carolina	0	0	0	0	9	0	0	13
South Carolina	0	0	0	0	1	0	0	2
Virginia	0	0	0	0	6	0	0	11
West Virginia	0	0	0	0	0	0	0	4
East South Central	0	0	0	0	5	0	29	4
Alabama	0	0	0	0	8	0	0	8
Kentucky	0	0	0	0	5	0	0	33
Mississippi	0	0	0	0	5	0	187	6
Tennessee	0	0	0	0	15	0	0	7
West South Central	0	0	0	0	5	0	8	2
Arkansas	0	0	0	0	4	0	0	6
Louisiana	0	0	0	0	9	0	6	2
Oklahoma	0	0	0	0	27	0	107	44
Texas	0	0	0	0	13	0	13	3
Mountain	0	0	0	345	4	0	68	12
Colorado	0	0	0	0	597	0	67	83
Idaho	0	0	0	0	3	0	0	12
Montana	0	0	0	0	0	0	0	193
Nevada	0	0	0	345	345	0	0	80
New Mexico	0	0	0	0	0	0	0	729
Utah	0	0	0	0	0	0	0	44
Wyoming	0	0	0	0	0	0	0	11
Pacific Contiguous	0	0	0	272	10	0	11	6
California	0	0	0	272	22	0	13	7
Oregon	0	0	0	0	14	0	0	15
Washington	0	0	0	0	12	0	0	10
Pacific Noncontiguous	0	0	0	0	28	0	0	31
Alaska	0	0	0	0	98	0	0	59
Hawaii	0	0	0	0	29	0	0	36
U.S. Total	0	0	0	149	3	0	5	2

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

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1	0	4	0	1
Connecticut	1	1	6	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	9	0	1
New Hampshire	1	1	6	0	1
Rhode Island	0	0	0	0	0
Vermont	3	3	8	0	3
Middle Atlantic	1	0	1	0	0
New Jersey	3	1	4	0	1
New York	0	0	3	0	0
Pennsylvania	0	0	1	0	0
East North Central	0	1	1	0	0
Illinois	1	1	2	0	1
Indiana	1	1	2	0	1
Michigan	1	2	2	0	1
Ohio	1	1	2	0	1
Wisconsin	1	3	3	0	1
West North Central	1	2	2	0	1
Iowa	1	7	3	0	2
Kansas	2	1	3	0	1
Minnesota	1	4	4	0	2
Missouri	1	1	6	0	1
Nebraska	1	7	5	0	3
North Dakota	1	4	6	0	2
South Dakota	2	9	7	0	4
South Atlantic	1	0	1	0	0
Delaware	15	10	15	0	8
District of Columbia	28	6	36	0	8
Florida	1	1	2	0	1
Georgia	1	1	2	0	1
Maryland	4	2	7	0	2
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	0	2	0	0
West Virginia	0	0	0	0	0
East South Central	1	1	2	0	1
Alabama	1	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	2	2	2	0	1
Tennessee	1	2	5	0	1
West South Central	1	0	1	0	0
Arkansas	2	1	2	0	1
Louisiana	2	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	0	1	0	0
Mountain	1	2	1	0	1
Arizona	1	2	2	0	1
Colorado	2	4	4	0	2
Idaho	1	4	3	0	1
Montana	2	7	5	0	3
Nevada	1	3	1	0	1
New Mexico	2	7	6	0	3
Utah	2	5	2	0	2
Wyoming	2	6	2	0	2
Pacific Contiguous	0	1	2	0	1
California	0	1	2	0	1
Oregon	1	4	5	0	2
Washington	1	4	3	0	1
Pacific Noncontiguous	1	4	2	0	2
Alaska	2	9	8	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.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 January 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1	0	4	0	1
Connecticut	1	1	6	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	9	0	1
New Hampshire	1	1	6	0	1
Rhode Island	0	0	0	0	0
Vermont	3	3	8	0	3
Middle Atlantic	1	0	1	0	0
New Jersey	3	1	4	0	1
New York	0	0	3	0	0
Pennsylvania	0	0	1	0	0
East North Central	0	1	1	0	0
Illinois	1	1	2	0	1
Indiana	1	1	2	0	1
Michigan	1	2	2	0	1
Ohio	1	1	2	0	1
Wisconsin	1	3	3	0	1
West North Central	1	2	2	0	1
Iowa	1	7	3	0	2
Kansas	2	1	3	0	1
Minnesota	1	4	4	0	2
Missouri	1	1	6	0	1
Nebraska	1	7	5	0	3
North Dakota	1	4	6	0	2
South Dakota	2	9	7	0	4
South Atlantic	1	0	1	0	0
Delaware	15	10	15	0	8
District of Columbia	28	6	36	0	8
Florida	1	1	2	0	1
Georgia	1	1	2	0	1
Maryland	4	2	7	0	2
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	0	2	0	0
West Virginia	0	0	0	0	0
East South Central	1	1	2	0	1
Alabama	1	1	1	0	1
Kentucky	2	2	3	0	1
Mississippi	2	2	2	0	1
Tennessee	1	2	5	0	1
West South Central	1	0	1	0	0
Arkansas	2	1	2	0	1
Louisiana	2	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	0	1	0	0
Mountain	1	2	1	0	1
Arizona	1	2	2	0	1
Colorado	2	4	4	0	2
Idaho	1	4	3	0	1
Montana	2	7	5	0	3
Nevada	1	3	1	0	1
New Mexico	2	7	6	0	3
Utah	2	5	2	0	2
Wyoming	2	6	2	0	2
Pacific Contiguous	0	1	2	0	1
California	0	1	2	0	1
Oregon	1	4	5	0	2
Washington	1	4	3	0	1
Pacific Noncontiguous	1	4	2	0	2
Alaska	2	9	8	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.A. Relative Standard Error for Revenue from Retail Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, January 2015

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0	1	2	0	1
Connecticut	0	1	4	0	1
Maine	1	2	2	0	1
Massachusetts	1	1	4	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	12	0	0	5
Vermont	3	3	6	0	2
Middle Atlantic	1	1	2	0	0
New Jersey	4	1	3	0	2
New York	0	0	2	0	0
Pennsylvania	0	2	3	0	1
East North Central	0	1	1	0	0
Illinois	1	1	3	0	1
Indiana	1	1	2	0	1
Michigan	0	2	3	0	1
Ohio	1	1	3	0	1
Wisconsin	1	2	4	0	1
West North Central	1	2	3	0	1
Iowa	2	6	6	0	2
Kansas	2	2	4	0	1
Minnesota	1	3	5	0	2
Missouri	2	1	6	0	1
Nebraska	2	6	8	0	3
North Dakota	1	4	7	0	2
South Dakota	2	7	10	0	3
South Atlantic	1	1	1	23	1
Delaware	18	12	15	0	11
District of Columbia	33	8	15	75	11
Florida	1	1	3	0	1
Georgia	2	1	2	0	1
Maryland	5	2	4	0	3
North Carolina	1	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	0	1	0	0	0
East South Central	1	1	2	0	1
Alabama	2	1	2	0	1
Kentucky	2	2	3	0	1
Mississippi	3	2	3	0	2
Tennessee	1	2	5	0	1
West South Central	1	1	1	0	1
Arkansas	2	2	3	0	2
Louisiana	2	1	1	0	1
Oklahoma	2	2	4	0	2
Texas	1	1	1	0	1
Mountain	1	3	2	0	1
Arizona	1	2	4	0	1
Colorado	2	4	7	0	2
Idaho	1	4	4	0	1
Montana	2	5	10	0	2
Nevada	1	20	1	0	5
New Mexico	3	7	9	0	3
Utah	3	5	3	0	2
Wyoming	2	6	3	0	2
Pacific Contiguous	0	1	2	0	0
California	0	1	2	0	1
Oregon	1	7	8	0	2
Washington	1	3	6	0	1
Pacific Noncontiguous	1	2	2	0	1
Alaska	3	6	10	0	3
Hawaii	0	0	0	0	0
U.S. Total	0	0	1	3	0

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

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0	1	2	0	1
Connecticut	0	1	4	0	1
Maine	1	2	2	0	1
Massachusetts	1	1	4	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	12	0	0	5
Vermont	3	3	6	0	2
Middle Atlantic	1	1	2	0	0
New Jersey	4	1	3	0	2
New York	0	0	2	0	0
Pennsylvania	0	2	3	0	1
East North Central	0	1	1	0	0
Illinois	1	1	3	0	1
Indiana	1	1	2	0	1
Michigan	0	2	3	0	1
Ohio	1	1	3	0	1
Wisconsin	1	2	4	0	1
West North Central	1	2	3	0	1
Iowa	2	6	6	0	2
Kansas	2	2	4	0	1
Minnesota	1	3	5	0	2
Missouri	2	1	6	0	1
Nebraska	2	6	8	0	3
North Dakota	1	4	7	0	2
South Dakota	2	7	10	0	3
South Atlantic	1	1	1	23	1
Delaware	18	12	15	0	11
District of Columbia	33	8	15	75	11
Florida	1	1	3	0	1
Georgia	2	1	2	0	1
Maryland	5	2	4	0	3
North Carolina	1	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	0	1	0	0	0
East South Central	1	1	2	0	1
Alabama	2	1	2	0	1
Kentucky	2	2	3	0	1
Mississippi	3	2	3	0	2
Tennessee	1	2	5	0	1
West South Central	1	1	1	0	1
Arkansas	2	2	3	0	2
Louisiana	2	1	1	0	1
Oklahoma	2	2	4	0	2
Texas	1	1	1	0	1
Mountain	1	3	2	0	1
Arizona	1	2	4	0	1
Colorado	2	4	7	0	2
Idaho	1	4	4	0	1
Montana	2	5	10	0	2
Nevada	1	20	1	0	5
New Mexico	3	7	9	0	3
Utah	3	5	3	0	2
Wyoming	2	6	3	0	2
Pacific Contiguous	0	1	2	0	0
California	0	1	2	0	1
Oregon	1	7	8	0	2
Washington	1	3	6	0	1
Pacific Noncontiguous	1	2	2	0	1
Alaska	3	6	10	0	3
Hawaii	0	0	0	0	0
U.S. Total	0	0	1	3	0

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

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0	1	2	0	1
Connecticut	0	1	5	0	1
Maine	0	2	1	0	1
Massachusetts	1	0	5	0	1
New Hampshire	0	0	2	0	1
Rhode Island	0	12	0	0	5
Vermont	1	1	3	0	1
Middle Atlantic	0	1	1	0	0
New Jersey	2	1	2	0	1
New York	0	0	1	0	0
Pennsylvania	0	2	3	0	1
East North Central	0	0	1	0	0
Illinois	0	0	1	0	0
Indiana	1	1	1	0	1
Michigan	0	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	1	3	0	1
Kansas	1	1	2	0	1
Minnesota	1	1	2	0	1
Missouri	1	1	2	0	1
Nebraska	1	1	4	0	1
North Dakota	1	1	3	0	1
South Dakota	2	2	4	0	1
South Atlantic	0	0	1	23	0
Delaware	10	8	10	0	7
District of Columbia	18	6	31	75	7
Florida	0	0	2	0	0
Georgia	1	1	2	0	1
Maryland	2	2	5	0	2
North Carolina	1	1	1	0	0
South Carolina	1	1	1	0	1
Virginia	0	0	1	0	0
West Virginia	0	0	0	0	0
East South Central	0	0	1	0	0
Alabama	1	1	1	0	1
Kentucky	1	1	1	0	1
Mississippi	1	1	2	0	1
Tennessee	1	1	2	0	1
West South Central	0	0	1	0	0
Arkansas	1	1	2	0	1
Louisiana	1	1	1	0	0
Oklahoma	1	1	2	0	1
Texas	0	1	1	0	0
Mountain	0	2	1	0	1
Arizona	1	1	2	0	0
Colorado	1	1	3	0	1
Idaho	1	1	2	0	1
Montana	2	2	6	0	1
Nevada	0	20	1	0	5
New Mexico	1	2	5	0	1
Utah	1	1	1	0	1
Wyoming	2	1	1	0	1
Pacific Contiguous	0	1	1	0	0
California	0	0	1	0	0
Oregon	1	6	4	0	2
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	3	0

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Table A.8.B. Relative Standard Error for Average Retail Price of Electricity to Ultimate Customers

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0	1	2	0	1
Connecticut	0	1	5	0	1
Maine	0	2	1	0	1
Massachusetts	1	0	5	0	1
New Hampshire	0	0	2	0	1
Rhode Island	0	12	0	0	5
Vermont	1	1	3	0	1
Middle Atlantic	0	1	1	0	0
New Jersey	2	1	2	0	1
New York	0	0	1	0	0
Pennsylvania	0	2	3	0	1
East North Central	0	0	1	0	0
Illinois	0	0	1	0	0
Indiana	1	1	1	0	1
Michigan	0	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	1	3	0	1
Kansas	1	1	2	0	1
Minnesota	1	1	2	0	1
Missouri	1	1	2	0	1
Nebraska	1	1	4	0	1
North Dakota	1	1	3	0	1
South Dakota	2	2	4	0	1
South Atlantic	0	0	1	23	0
Delaware	10	8	10	0	7
District of Columbia	18	6	31	75	7
Florida	0	0	2	0	0
Georgia	1	1	2	0	1
Maryland	2	2	5	0	2
North Carolina	1	1	1	0	0
South Carolina	1	1	1	0	1
Virginia	0	0	1	0	0
West Virginia	0	0	0	0	0
East South Central	0	0	1	0	0
Alabama	1	1	1	0	1
Kentucky	1	1	1	0	1
Mississippi	1	1	2	0	1
Tennessee	1	1	2	0	1
West South Central	0	0	1	0	0
Arkansas	1	1	2	0	1
Louisiana	1	1	1	0	0
Oklahoma	1	1	2	0	1
Texas	0	1	1	0	0
Mountain	0	2	1	0	1
Arizona	1	1	2	0	0
Colorado	1	1	3	0	1
Idaho	1	1	2	0	1
Montana	2	2	6	0	1
Nevada	0	20	1	0	5
New Mexico	1	2	5	0	1
Utah	1	1	1	0	1
Wyoming	2	1	1	0	1
Pacific Contiguous	0	1	1	0	0
California	0	0	1	0	0
Oregon	1	6	4	0	2
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	3	0

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

Table B.1 Major Disturbances and Unusual Occurrences, Year-to-Date 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	Memphis Light Gas and Water Division	SERC	Tennessee	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	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

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

Table B.2 Major Disturbances and Unusual Occurrences, 2014

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

Table B.2 Major Disturbances and Unusual Occurrences, 2014

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

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

Appendix C

Technical notes

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

Data quality

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

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

Reliability of data

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

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

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

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

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

Using the Central Limit Theorem, which applies to sums and means such as are applicable here, there is approximately 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 approximately 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 sample^{21,24}. 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 n th digit if the $(n+1)$ digit is 5 or larger and keep the n th 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:

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

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 electric 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 estimates¹.

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 abbreviations 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
Natural Gas and Other Gases	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)
	BFG	Blast Furnace Gas
	NG	Natural Gas
Nuclear	OG	Other Gas
	NUC	Nuclear (including Uranium, Plutonium, and Thorium)
Hydroelectric Conventional	WAT	Water at a Conventional
	(Prime Mover = HY)	Hydroelectric Turbine, and water used in Wave Buoy Hydrokinetic Technology, Current Hydrokinetic Technology, and Tidal Hydrokinetic Technology
Hydroelectric Pumped Storage	WAT	Pumping Energy for Reversible (Pumped Storage) Hydroelectric
	(Prime Mover = PS)	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 performed 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 waste²: 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

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Manufacturing

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

Transportation and Public Utilities

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

Wholesale Trade

421 to 422

Retail Trade

441 to 454

Finance, Insurance, and Real Estate

521 to 533

Services

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

Public Administration

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¹ The basic technique employed is described in the paper “Model-Based Sampling and Inference,” on the EIA website. Additional references can be found on the InterStat website (<http://interstat.statjournals.net/>). See the following sources: Knaub, J.R., Jr. (1999a), “Using Prediction-Oriented Software for Survey Estimation,” InterStat, August 1999, <http://interstat.statjournals.net/>; Knaub, J.R. Jr. (1999b), “Model-Based Sampling, Inference and Imputation,” EIA web site: <http://www.eia.gov/cneaf/electricity/forms/ejawebme.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, January 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	23.17	6.24	--	1.03
Connecticut	--	5.83	--	1.03
Maine	24.86	6.25	--	1.02
Massachusetts	22.65	6.30	--	1.04
New Hampshire	23.84	5.82	--	1.04
Rhode Island	--	--	--	1.03
Vermont	--	--	--	--
Middle Atlantic	23.70	6.09	--	1.03
New Jersey	25.80	5.87	--	1.04
New York	20.89	6.15	--	1.03
Pennsylvania	23.71	5.81	--	1.04
East North Central	20.07	5.79	28.17	1.04
Illinois	17.65	5.80	--	1.01
Indiana	22.20	5.75	29.50	1.03
Michigan	18.92	5.82	26.90	1.03
Ohio	24.22	5.78	27.75	1.05
Wisconsin	17.79	5.86	28.20	1.04
West North Central	16.74	5.81	--	1.04
Iowa	17.38	5.71	--	1.05
Kansas	17.24	5.75	--	1.03
Minnesota	17.63	5.79	--	1.05
Missouri	17.61	5.79	--	1.03
Nebraska	16.92	--	--	1.05
North Dakota	13.22	5.94	--	0.98
South Dakota	16.53	6.00	--	1.06
South Atlantic	23.55	5.93	28.24	1.03
Delaware	26.24	6.34	--	1.06
District of Columbia	--	--	--	--
Florida	23.72	5.80	28.38	1.02
Georgia	19.47	5.84	27.39	1.03
Maryland	25.17	6.11	--	1.07
North Carolina	24.85	5.78	--	1.03
South Carolina	24.93	5.85	--	1.03
Virginia	22.66	5.88	--	1.04
West Virginia	24.61	5.77	--	1.05
East South Central	21.05	5.77	28.20	1.03
Alabama	20.23	5.78	--	1.03
Kentucky	21.99	5.79	28.20	1.03
Mississippi	15.55	5.82	--	1.03
Tennessee	21.86	5.76	--	1.01
West South Central	16.20	5.87	28.63	1.03
Arkansas	17.58	5.80	--	1.04
Louisiana	16.51	5.88	28.63	1.03
Oklahoma	17.23	--	--	1.04
Texas	15.67	5.85	--	1.03
Mountain	18.69	5.71	--	1.04
Arizona	19.25	5.60	--	1.03
Colorado	18.92	5.80	--	1.07
Idaho	--	--	--	1.01
Montana	16.80	--	--	--
Nevada	18.83	5.82	--	1.04
New Mexico	17.92	5.66	--	1.05
Utah	21.81	5.88	--	1.04
Wyoming	17.59	5.81	--	1.05
Pacific Contiguous	17.73	--	--	1.03
California	23.00	--	--	1.03
Oregon	17.36	--	--	1.02
Washington	17.08	--	--	1.06
Pacific Noncontiguous	20.70	6.22	--	1.00
Alaska	--	--	--	1.00
Hawaii	20.70	6.22	--	--
U.S. Total	19.32	6.05	28.36	1.03

Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, synthetic coal, and coal-derived synthesis gas.

Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.

Petroleum Coke includes petroleum coke and synthesis gas derived from petroleum coke.

Natural Gas includes a small amount of supplemental gaseous fuels.

Notes: See Glossary for definitions. Values are preliminary. Data represents weighted values.

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

Table C.2. Comparison of Preliminary Monthly Data Versus Final Monthly Data at the U.S. Level, 2011 through 2013

Item	Mean Absolute Value of Percent Change Total (All Sectors)		
	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%	0.33%
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%	0.29%
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 changes.

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

Item	2011			2012			2013		
	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	1,394,919	0.28%
Commercial	1,319,288	1,328,057	0.66%	1,323,844	1,327,101	0.25%	1,338,448	1,344,206	0.43%
Industrial	975,569	991,316	1.61%	980,837	985,714	0.50%	954,725	978,351	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	3,725,101	0.90%
Revenue (Million Dollars)									
Residential	167,930	166,714	-0.72%	163,352	163,280	-0.04%	168,546	169,113	0.34%
Commercial	136,138	135,927	-0.16%	133,908	133,898	-0.01%	137,778	138,229	0.33%
Industrial	67,212	67,606	0.59%	65,691	65,761	0.11%	65,111	66,909	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	375,055	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 kilowatt-hour 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 earth's 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 through 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.

Watt-hour (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.