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with Data for March 2014

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Electric Power Monthly Revision Notice

Revisions were made to the annual Retail Sales, Revenues, and Average Retail Price of Elecricity in Tables 5.1, 5.2 and 5.3 for the years 2008 through 2011. Revisions were made to annual numbers based on revisions to EIA's Survey Estimation and Data Processing System that is used to synchronize monthly (EIA-826) and annual (EIA-861) data collections and reconcile unbundled sales reported by energy-only providers and delivery-only providers.

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

Preface

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

Background

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

Data sources

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

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	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Net Generation (Thousand Megawatthours)											
Coal	137,004	130,961	4.6%	101,124	97,856	34,631	31,934	88	72	1,162	1,099
Petroleum Liquids	2,056	974	111.2%	1,036	731	919	191	NM	16	55	36
Petroleum Coke	1,227	1,037	18.3%	953	687	129	157	1	1	144	192
Natural Gas	77,506	84,281	-8.0%	32,918	35,996	36,953	40,350	514	516	7,121	7,419
Other Gas	845	989	-14.5%	7	8	233	213	0	0	605	769
Nuclear	62,397	62,947	-0.9%	32,612	31,426	29,785	31,522	0	0	0	0
Hydroelectric Conventional	24,243	20,654	17.4%	22,152	18,392	1,882	1,960	NM	NM	205	298
Renewable Sources Excluding Hydroelectric	25,713	22,814	12.7%	3,353	2,801	19,680	17,319	250	249	2,430	2,445
... Wind	17,779	15,643	13.7%	2,802	2,326	14,966	13,308	8	6	NM	NM
... Solar Thermal and Photovoltaic	1,355	667	103.0%	104	79	1,217	563	31	24	NM	NM
... Wood and Wood-Derived Fuels	3,574	3,372	6.0%	241	186	985	825	8	NM	2,342	2,359
... Other Biomass	1,628	1,708	-4.7%	109	116	1,234	1,294	204	217	82	81
... Geothermal	1,376	1,424	-3.3%	97	94	1,279	1,329	0	0	0	0
Hydroelectric Pumped Storage	-398	-409	-2.7%	-331	-362	-66	-47	0	0	0	0
Other Energy Sources	1,001	1,054	-5.0%	37	38	567	587	93	99	304	330
All Energy Sources	331,595	325,301	1.9%	193,861	187,573	124,713	124,185	995	955	12,026	12,589
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	72,320	70,395	2.7%	52,911	52,109	18,970	17,863	29	29	410	393
Petroleum Liquids (1000 barrels)	3,522	1,582	122.7%	1,876	1,275	1,520	251	NM	14	55	42
Petroleum Coke (1000 tons)	439	371	18.5%	332	236	57	69	0	0	50	65
Natural Gas (1000 Mcf)	585,493	632,112	-7.4%	254,506	279,997	274,925	293,914	4,880	4,825	51,182	53,375
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	1,707	1,671	2.2%	0	0	246	242	113	107	1,349	1,322
Petroleum Liquids (1000 barrels)	338	237	42.9%	0	0	105	89	NM	7	196	140
Petroleum Coke (1000 tons)	60	105	-42.7%	0	0	8	10	2	1	50	94
Natural Gas (1000 Mcf)	76,897	76,008	1.2%	0	0	27,943	27,352	3,731	3,992	45,222	44,664
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	74,028	72,066	2.7%	52,911	52,109	19,215	18,105	142	136	1,759	1,716
Petroleum Liquids (1000 barrels)	3,860	1,818	112.3%	1,876	1,275	1,625	339	NM	22	252	182
Petroleum Coke (1000 tons)	499	476	5.0%	332	236	65	79	2	2	100	159
Natural Gas (1000 Mcf)	662,391	708,120	-6.5%	254,506	279,997	302,868	321,266	8,612	8,817	96,405	98,039
Fuel Stocks (end-of-month)											
Coal (1000 tons)	120,377	173,608	-30.7%	95,229	141,849	22,745	29,669	240	383	2,163	1,707
Petroleum Liquids (1000 barrels)	30,744	34,416	-10.7%	20,513	23,459	7,701	8,219	355	508	2,175	2,230
Petroleum Coke (1000 tons)	647	893	-27.6%	W	323	W	83	W	W	W	W

Sales, Revenue, and Average Retail Price for March									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	March 2014	March 2013	Percentage Change	March 2014	March 2013	Percentage Change	March 2014	March 2013	Percentage Change
Residential	114,158	111,784	2.1%	13,993	12,972	7.9%	12.26	11.60	5.7%
Commercial	106,873	103,839	2.9%	11,416	10,406	9.7%	10.68	10.02	6.6%
Industrial	78,081	78,097	0.0%	5,457	5,149	6.0%	6.99	6.59	6.1%
Transportation	645	633	1.9%	66	62	6.7%	10.29	9.83	4.7%
All Sectors	299,756	294,352	1.8%	30,933	28,589	8.2%	10.32	9.71	6.3%

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

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

Net Generation and Consumption of Fuels for January through March											
	Total (All Sectors)			Electric Power Sector				Commercial		Industrial	
				Electric Utilities		Independent Power Producers					
Fuel	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
Net Generation (Thousand Megawatthours)											
Coal	438,612	393,054	11.6%	327,041	293,086	107,774	96,632	289	231	3,507	3,105
Petroleum Liquids	9,831	3,738	163.0%	4,556	2,410	4,853	1,123	NM	NM	206	132
Petroleum Coke	3,370	2,955	14.0%	2,608	2,003	363	457	2	2	396	492
Natural Gas	242,982	252,166	-3.6%	102,945	106,756	117,263	121,901	1,594	1,577	21,180	21,932
Other Gas	2,552	2,864	-10.9%	26	8	759	654	0	0	1,767	2,202
Nuclear	198,100	195,837	1.2%	104,297	99,318	93,803	96,519	0	0	0	0
Hydroelectric Conventional	63,289	66,279	-4.5%	56,925	59,396	5,557	5,913	NM	NM	797	961
Renewable Sources Excluding Hydroelectric	71,822	64,528	11.3%	9,389	8,359	54,613	48,239	701	677	7,119	7,253
... Wind	49,769	44,182	12.6%	7,848	7,029	41,887	37,130	22	16	12	NM
... Solar Thermal and Photovoltaic	2,987	1,465	103.8%	226	172	2,690	1,238	67	51	NM	NM
... Wood and Wood-Derived Fuels	10,481	9,937	5.5%	722	540	2,878	2,395	19	6	6,862	6,996
... Other Biomass	4,555	4,775	-4.6%	314	336	3,408	3,589	593	603	240	247
... Geothermal	4,029	4,168	-3.3%	279	282	3,750	3,886	0	0	0	0
Hydroelectric Pumped Storage	-1,080	-1,171	-7.8%	-858	-1,047	-223	-124	0	0	0	0
Other Energy Sources	2,799	2,977	-6.0%	83	102	1,543	1,630	261	269	912	976
All Energy Sources	1,032,276	983,226	5.0%	607,012	570,390	386,305	372,944	3,074	2,838	35,886	37,054
Consumption of Fossil Fuels for Electricity Generation											
Coal (1000 tons)	232,381	212,521	9.3%	171,501	157,031	59,555	54,304	95	88	1,230	1,099
Petroleum Liquids (1000 barrels)	16,923	6,215	172.3%	8,298	4,224	8,068	1,753	348	98	209	140
Petroleum Coke (1000 tons)	1,261	1,066	18.3%	957	710	168	203	1	1	135	153
Natural Gas (1000 Mcf)	1,847,721	1,885,664	-2.0%	808,984	828,245	872,065	884,175	14,941	14,782	151,730	158,462
Consumption of Fossil Fuels for Useful Thermal Output											
Coal (1000 tons)	4,993	4,904	1.8%	0	0	673	622	343	336	3,977	3,946
Petroleum Liquids (1000 barrels)	1,355	775	74.8%	0	0	369	228	171	47	815	501
Petroleum Coke (1000 tons)	198	375	-47.2%	0	0	23	29	5	4	170	341
Natural Gas (1000 Mcf)	238,449	226,492	5.3%	0	0	92,089	82,409	12,249	11,957	134,111	132,125
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output											
Coal (1000 tons)	237,374	217,425	9.2%	171,501	157,031	60,229	54,926	438	424	5,206	5,045
Petroleum Liquids (1000 barrels)	18,278	6,991	161.5%	8,298	4,224	8,437	1,981	519	145	1,024	641
Petroleum Coke (1000 tons)	1,459	1,441	1.2%	957	710	192	232	5	5	305	495
Natural Gas (1000 Mcf)	2,086,170	2,112,155	-1.2%	808,984	828,245	964,154	966,583	27,190	26,739	285,841	290,587

Sales, Revenue, and Average Retail Price for January through March									
	Total U.S. Electric Power Industry								
	Retail Sales (million kWh)			Retail Revenue (million dollars)			Average Retail Price (cents/kWh)		
Sector	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	Percentage Change
Residential	391,070	355,995	9.9%	46,548	41,162	13.1%	11.90	11.56	2.9%
Commercial	325,765	311,960	4.4%	34,420	31,062	10.8%	10.57	9.96	6.1%
Industrial	228,832	230,691	-0.8%	16,071	15,112	6.3%	7.02	6.55	7.2%
Transportation	2,092	1,937	8.0%	215	196	9.7%	10.26	10.10	1.6%
All Sectors	947,759	900,584	5.2%	97,254	87,532	11.1%	10.26	9.72	5.6%

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, 2014 and 2013

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal (1000 tons)	69,854	64,822	46.58	45.86	335	318	198,909	194,913	45.25	45.53
Petroleum Liquids (1000 barrels)	2,506	2,306	132.69	123.96	224	171	11,288	5,824	131.34	126.34
Petroleum Coke (1000 tons)	457	284	56.64	W	11	8	1,163	968	54.51	58.53
Natural Gas (1000 Mcf)	588,706	631,717	6.15	4.40	705	699	1,851,604	1,881,937	6.99	4.46

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal (1000 tons)	49,861	47,836	47.13	46.67	232	222	141,720	142,519	45.87	46.54
Petroleum Liquids (1000 barrels)	1,474	1,607	131.41	126.12	134	112	5,535	3,850	130.99	127.86
Petroleum Coke (1000 tons)	396	190	54.97	57.27	8	5	1,017	681	53.70	57.53
Natural Gas (1000 Mcf)	251,457	274,440	6.06	4.54	364	348	794,428	812,066	6.51	4.46

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal (1000 tons)	19,161	16,226	44.22	42.38	80	75	54,864	50,246	42.73	41.64
Petroleum Liquids (1000 barrels)	1,013	658	134.67	119.28	79	51	5,640	1,857	131.87	123.89
Petroleum Coke (1000 tons)	41	53	W	0.00	1	1	112	156	W	0.00
Natural Gas (1000 Mcf)	277,577	296,416	6.53	4.46	301	306	880,018	891,493	7.95	4.65

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal (1000 tons)	20	21	W	W	2	2	55	55	W	W
Petroleum Liquids (1000 barrels)	0	0	--	--	0	0	0	0	--	--
Petroleum Coke (1000 tons)	0	0	--	--	0	0	0	0	--	--
Natural Gas (1000 Mcf)	349	378	W	W	2	2	1,042	1,062	W	W

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal (1000 tons)	812	739	W	W	21	19	2,270	2,094	W	W
Petroleum Liquids (1000 barrels)	19	41	130.19	114.33	11	8	113	118	123.74	113.20
Petroleum Coke (1000 tons)	21	41	W	W	2	2	34	131	W	63.72
Natural Gas (1000 Mcf)	59,323	60,482	W	W	38	43	176,116	177,316	W	W

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Number of Plants represents the number of plants for which receipts data were collected this month.
.... A plant using more than one fuel may be counted multiple times.
Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.

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

Total (All Sectors)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal	1,374,868	1,262,552	2.37	2.35	335	318	3,862,213	3,778,083	2.33	2.35
Petroleum Liquids	15,151	14,178	21.94	20.16	224	171	68,010	35,579	21.78	20.67
Petroleum Coke	12,939	8,081	2.00	W	11	8	32,915	27,542	1.92	2.05
Natural Gas	604,201	647,612	6.00	4.29	705	699	1,900,052	1,928,122	6.82	4.36
Fossil Fuels	2,007,159	1,932,423	3.53	W	931	908	5,863,192	5,769,327	3.91	3.10

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal	988,920	939,284	2.38	2.38	232	222	2,779,670	2,786,075	2.34	2.38
Petroleum Liquids	8,996	9,920	21.54	20.43	134	112	33,431	23,588	21.68	20.87
Petroleum Coke	11,235	5,449	1.94	2.00	8	5	28,870	19,537	1.89	2.01
Natural Gas	257,274	280,493	5.92	4.44	364	348	813,037	829,215	6.36	4.37
Fossil Fuels	1,266,425	1,235,145	3.22	2.99	517	496	3,655,009	3,658,415	3.40	2.95

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal	367,068	306,254	2.31	2.25	80	75	1,029,933	943,604	2.28	2.22
Petroleum Liquids	6,040	4,003	22.58	19.62	79	51	33,882	11,267	21.91	20.38
Petroleum Coke	1,127	1,474	W	0.00	1	1	3,088	4,341	W	0.00
Natural Gas	285,397	304,053	6.35	4.35	301	306	904,331	915,008	7.73	4.53
Fossil Fuels	659,632	615,784	W	3.31	369	364	1,971,233	1,874,220	W	3.36

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal	452	489	W	W	2	2	1,259	1,273	W	W
Petroleum Liquids	0	0	--	--	0	0	0	0	--	--
Petroleum Coke	0	0	--	--	0	0	0	0	--	--
Natural Gas	354	382	W	W	2	2	1,054	1,072	W	W
Fossil Fuels	806	871	W	W	2	2	2,314	2,346	W	W

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)		Number of Plants		(Billion Btu)		(Dollars / Million Btu)	
Fuel	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
Coal	18,428	16,525	W	W	21	19	51,351	47,130	W	W
Petroleum Liquids	115	255	21.18	18.33	11	8	698	725	20.06	18.36
Petroleum Coke	577	1,159	W	W	2	2	957	3,664	W	2.27
Natural Gas	61,176	62,684	W	W	38	43	181,630	182,827	W	W
Fossil Fuels	80,296	80,622	W	W	43	46	234,636	234,346	W	W

NM = Not meaningful due to large relative standard error.
W = Withheld to avoid disclosure of individual company data.
Number of Plants represents the number of plants for which receipts data were collected this month.
…. The total number of fossil fuel plants is not the sum of the figures above it because a plant that receives two or more different fuels is only counted once.
Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, synthetic coal, and coal-derived synthesis gas.
Petroleum Liquids include distillate fuel oil, residual fuel oil, jet fuel, kerosene, propane, and waste oil.
Natural Gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2004-March 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2004	1,978,301	100,391	20,754	710,100	15,252	788,528	268,417	83,067	-8,488	14,232	3,970,555
2005	2,012,873	99,840	22,385	760,960	13,464	781,986	270,321	87,329	-6,558	12,821	4,055,423
2006	1,990,511	44,460	19,706	816,441	14,177	787,219	289,246	96,525	-6,558	12,974	4,064,702
2007	2,016,456	49,505	16,234	896,590	13,453	806,425	247,510	105,238	-6,896	12,231	4,156,745
2008	1,985,801	31,917	14,325	882,981	11,707	806,208	254,831	126,101	-6,288	11,804	4,119,388
2009	1,755,904	25,972	12,964	920,979	10,632	798,855	273,445	144,279	-4,627	11,928	3,950,331
2010	1,847,290	23,337	13,724	987,697	11,313	806,968	260,203	167,173	-5,501	12,855	4,125,060
2011	1,733,430	16,086	14,096	1,013,689	11,566	790,204	319,355	193,981	-6,421	14,154	4,100,141
2012	1,514,043	13,403	9,787	1,225,894	11,898	769,331	276,240	218,333	-4,950	13,787	4,047,765
2013	1,585,998	13,410	13,453	1,113,665	12,271	789,017	269,136	253,328	-4,424	12,355	4,058,209
2012											
January	129,091	1,180	1,297	90,761	1,017	72,381	23,107	19,906	-348	1,137	339,528
February	113,872	908	994	90,610	1,044	63,847	20,283	16,996	-237	1,072	309,389
March	105,526	971	570	92,251	1,076	61,729	25,909	20,200	-281	1,140	309,091
April	96,285	965	538	94,829	1,057	55,871	26,294	18,563	-265	1,091	295,228
May	115,983	1,079	651	107,352	1,002	62,081	28,643	18,898	-371	1,200	336,518
June	131,261	1,306	762	115,598	972	65,140	26,659	18,470	-507	1,166	360,826
July	160,450	1,530	809	138,863	1,042	69,129	26,491	15,725	-619	1,218	414,640
August	152,181	1,202	916	131,736	1,050	69,602	23,034	15,330	-529	1,178	395,700
Sept	125,589	978	882	108,012	904	64,511	17,604	15,401	-431	1,135	334,585
October	120,999	1,061	744	91,725	895	59,743	16,501	19,225	-378	1,135	311,651
November	128,727	986	824	80,169	875	56,713	18,732	18,217	-409	1,140	305,975
December	134,079	1,235	800	83,989	963	68,584	22,984	21,402	-576	1,176	334,635
2013											
January	138,265	1,661	1,047	88,012	998	71,406	25,114	21,452	-463	998	348,490
February	123,828	1,103	871	79,874	877	61,483	20,511	20,262	-300	926	309,435
March	130,961	974	1,037	84,281	989	62,947	20,654	22,814	-409	1,054	325,301
April	112,232	973	914	77,128	925	56,767	24,758	23,693	-288	973	298,074
May	119,898	1,053	1,357	83,063	1,059	62,848	28,549	23,336	-355	1,027	321,834
June	138,849	1,027	1,314	98,517	1,015	66,430	27,308	21,063	-355	1,056	356,224
July	153,304	1,478	1,361	119,274	1,150	70,539	27,240	18,686	-345	1,112	393,799
August	149,875	1,090	1,379	119,480	1,144	71,344	21,712	17,277	-454	1,122	383,968
Sept	133,577	865	1,243	101,102	1,037	65,799	16,929	19,065	-389	1,066	340,293
October	121,474	809	1,073	88,049	966	63,184	17,307	21,099	-320	1,041	314,683
November	121,431	956	851	83,110	1,064	64,975	17,732	23,002	-345	975	313,752
December	142,304	1,421	1,005	91,777	1,048	71,294	21,323	21,581	-402	1,006	352,357
2014											
January	157,699	5,945	1,184	90,489	947	73,064	21,616	25,378	-263	960	377,019
February	143,908	1,830	959	74,987	760	62,639	17,430	20,731	-419	838	323,662
March	137,004	2,056	1,227	77,506	845	62,397	24,243	25,713	-398	1,001	331,595
Year to Date											
2012	348,489	3,059	2,861	273,621	3,137	197,957	69,299	57,102	-866	3,349	958,008
2013	393,054	3,738	2,955	252,166	2,864	195,837	66,279	64,528	-1,171	2,977	983,226
2014	438,612	9,831	3,370	242,982	2,552	198,100	63,289	71,822	-1,080	2,799	1,032,276
Rolling 12 Months Ending in March											
2013	1,558,608	14,081	9,880	1,204,439	11,624	767,211	273,220	225,759	-5,256	13,416	4,072,983
2014	1,631,556	19,503	13,868	1,104,481	11,959	791,280	266,147	260,621	-4,333	12,177	4,107,259

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 1.1.A. Net Generation from Renewable Sources: Total (All Sectors), 2004-March 2014
(Thousand Megawatthours)

Period	Wind	Solar Photovoltaic	Solar Thermal	Wood and Wood-Derived Fuels	Landfill Gas	Biogenic Municipal Solid Waste	Other Waste Biomass	Geothermal	Conventional Hydroelectric	Total Renewable Sources
Annual Totals										
2004	14,144	6	569	38,117	5,128	8,151	2,141	14,811	268,417	351,485
2005	17,811	16	535	38,856	5,142	8,330	1,948	14,692	270,321	357,651
2006	26,589	15	493	38,762	5,677	8,478	1,944	14,568	289,246	385,772
2007	34,450	16	596	39,014	6,158	8,304	2,063	14,637	247,510	352,747
2008	55,363	76	788	37,300	7,156	8,097	2,481	14,840	254,831	380,932
2009	73,886	157	735	36,050	7,924	8,058	2,461	15,009	273,445	417,724
2010	94,652	423	789	37,172	8,377	7,927	2,613	15,219	260,203	427,376
2011	120,177	1,012	806	37,449	9,044	7,354	2,824	15,316	319,355	513,336
2012	140,822	3,451	876	37,799	9,803	7,320	2,700	15,562	276,240	494,573
2013	167,665	8,327	926	39,937	9,793	7,348	2,816	16,517	269,136	522,464
2012										
January	13,632	82	13	3,314	806	589	206	1,263	23,107	43,013
February	11,052	106	29	3,111	735	561	209	1,193	20,283	37,279
March	14,026	163	68	3,034	801	597	226	1,285	25,909	46,109
April	12,709	223	96	2,704	766	598	219	1,248	26,294	44,858
May	12,541	337	125	2,937	804	633	217	1,304	28,643	47,541
June	11,972	391	136	3,081	790	627	195	1,277	26,659	45,128
July	8,822	392	117	3,352	855	651	216	1,321	26,491	42,216
August	8,469	369	93	3,370	861	621	244	1,304	23,034	38,364
Sept	8,790	373	85	3,227	808	600	218	1,300	17,604	33,005
October	12,636	365	66	3,113	861	601	254	1,329	16,501	35,726
November	11,649	316	31	3,190	827	604	253	1,347	18,732	36,950
December	14,524	333	16	3,365	890	639	244	1,390	22,984	44,385
2013										
January	14,633	307	11	3,424	804	586	243	1,443	25,114	46,566
February	13,907	434	45	3,141	703	515	217	1,301	20,511	40,774
March	15,643	595	73	3,372	843	627	238	1,424	20,654	43,468
April	17,294	640	94	2,701	800	606	228	1,330	24,758	48,451
May	16,264	722	104	3,140	870	650	227	1,357	28,549	51,885
June	13,766	808	122	3,287	843	639	220	1,377	27,308	48,371
July	11,146	775	86	3,526	864	656	230	1,404	27,240	45,927
August	9,593	900	101	3,586	845	638	234	1,379	21,712	38,988
Sept	11,709	902	77	3,396	799	606	220	1,356	16,929	35,994
October	13,720	853	114	3,327	809	605	245	1,425	17,307	38,405
November	15,888	699	51	3,413	802	592	258	1,298	17,732	40,733
December	14,100	690	47	3,623	812	628	256	1,424	21,323	42,903
2014										
January	17,989	718	57	3,635	764	578	240	1,396	21,616	46,994
February	14,001	775	83	3,271	653	495	195	1,257	17,430	38,161
March	17,779	1,172	183	3,574	789	619	220	1,376	24,243	49,956
Year to Date										
2012	38,711	351	110	9,459	2,342	1,746	641	3,742	69,299	126,401
2013	44,182	1,336	129	9,937	2,350	1,727	698	4,168	66,279	130,807
2014	49,769	2,665	323	10,481	2,207	1,693	655	4,029	63,289	135,111
Rolling 12-Month Ending in March										
2013	146,293	4,435	895	38,277	9,811	7,301	2,757	15,989	273,220	498,979
2014	173,252	9,655	1,119	40,481	9,649	7,313	2,774	16,378	266,147	526,768

Wood and Wood-derived fuels include wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids), wood waste liquids (red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids), and black liquor.
Other Waste Biomass includes sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms..
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Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
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Table 1.2. Net Generation by Energy Source: Electric Utilities, 2004-March 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2004	1,513,641	62,196	11,498	199,662	374	475,682	245,546	3,692	-7,526	467	2,505,231
2005	1,484,855	58,572	11,150	238,204	10	436,296	245,553	4,945	-5,383	643	2,474,846
2006	1,471,421	31,269	9,634	282,088	30	425,341	261,864	6,588	-5,281	700	2,483,656
2007	1,490,985	33,325	7,395	313,785	141	427,555	226,734	8,953	-5,328	586	2,504,131
2008	1,466,395	22,206	5,918	320,190	46	424,256	229,645	11,308	-5,143	545	2,475,367
2009	1,322,092	18,035	7,182	349,166	96	417,275	247,198	14,617	-3,369	483	2,372,776
2010	1,378,028	17,258	8,807	392,616	52	424,843	236,104	17,927	-4,466	462	2,471,632
2011	1,301,107	11,688	9,428	414,843	29	415,298	291,413	21,933	-5,492	604	2,460,851
2012	1,146,480	9,892	5,664	504,958	0	394,823	252,936	28,017	-4,202	603	2,339,172
2013	1,190,669	9,022	9,522	473,207	68	406,114	243,239	31,645	-3,583	408	2,360,310
2012											
January	96,773	858	843	36,548	0	38,270	20,835	2,620	-301	53	196,498
February	86,462	699	658	35,281	0	33,117	18,363	2,124	-202	53	176,554
March	80,689	784	256	36,916	0	30,601	23,555	2,697	-209	43	175,331
April	75,146	766	293	38,669	0	27,884	24,174	2,374	-250	41	169,095
May	87,924	816	380	45,633	0	31,384	26,049	2,645	-291	53	194,593
June	100,022	934	473	48,423	0	34,052	24,540	2,448	-429	52	210,514
July	121,051	1,133	467	57,832	0	35,999	24,766	1,828	-530	48	242,595
August	115,044	906	477	53,961	0	36,149	21,575	1,851	-445	59	229,579
Sept	94,983	737	520	44,430	0	33,384	16,308	1,814	-368	62	191,871
October	90,924	787	409	38,288	0	31,289	14,911	2,491	-323	48	178,825
November	96,094	717	454	33,438	0	29,038	16,928	2,474	-355	46	178,834
December	101,368	755	434	35,539	0	33,656	20,933	2,653	-499	45	194,884
2013											
January	103,667	982	700	36,940	0	36,748	22,730	2,908	-401	33	204,308
February	91,563	697	616	33,820	0	31,144	18,273	2,650	-284	31	178,510
March	97,856	731	687	35,996	8	31,426	18,392	2,801	-362	38	187,573
April	84,564	721	574	32,110	7	28,991	22,588	3,011	-228	28	172,366
May	90,169	752	1,035	35,214	3	32,977	25,950	2,801	-281	39	188,659
June	104,841	734	966	42,815	3	34,504	24,744	2,404	-257	34	210,788
July	114,527	955	976	50,367	6	36,733	24,660	2,196	-242	40	230,218
August	114,165	812	952	52,076	6	37,177	19,804	1,978	-407	39	226,603
Sept	99,308	552	905	43,496	9	34,459	15,339	2,520	-297	28	196,318
October	91,919	573	759	37,524	8	31,605	15,678	2,579	-254	27	180,417
November	92,366	706	609	34,008	12	32,939	16,052	2,968	-262	35	179,433
December	105,724	806	743	38,841	7	37,412	19,028	2,828	-307	36	205,119
2014											
January	118,921	2,476	949	38,954	12	38,748	19,194	3,337	-192	28	222,427
February	106,997	1,044	706	31,073	7	32,937	15,578	2,699	-335	18	190,724
March	101,124	1,036	953	32,918	7	32,612	22,152	3,353	-331	37	193,861
Year to Date											
2012	263,924	2,340	1,757	108,746	0	101,987	62,753	7,440	-712	149	548,383
2013	293,086	2,410	2,003	106,756	8	99,318	59,396	8,359	-1,047	102	570,390
2014	327,041	4,556	2,608	102,945	26	104,297	56,925	9,389	-858	83	607,012
Rolling 12 Months Ending in March											
2013	1,175,643	9,961	5,911	502,969	8	392,153	249,579	28,936	-4,537	556	2,361,179
2014	1,224,624	11,168	10,127	469,395	87	411,094	240,768	32,674	-3,394	388	2,396,932

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
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Table 1.3. Net Generation by Energy Source: Independent Power Producers, 2004-March 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2004	443,547	33,574	7,410	427,510	3,194	312,846	19,518	48,636	-962	7,856	1,303,129
2005	507,199	37,096	9,664	445,625	3,767	345,690	21,486	51,708	-1,174	6,285	1,427,346
2006	498,316	10,396	8,409	452,329	4,223	361,877	24,390	59,345	-1,277	6,412	1,424,421
2007	507,406	13,645	6,942	500,967	3,901	378,869	19,109	65,751	-1,569	6,191	1,501,212
2008	502,442	8,021	6,737	482,182	3,154	381,952	23,451	85,776	-1,145	6,414	1,498,982
2009	419,031	6,306	4,288	491,839	2,962	381,579	24,308	101,860	-1,259	6,146	1,437,061
2010	449,709	5,117	3,497	508,774	2,915	382,126	22,351	120,956	-1,035	6,345	1,500,754
2011	416,783	3,655	3,431	511,447	2,911	374,906	26,117	141,954	-928	7,059	1,487,335
2012	354,076	2,757	1,758	627,833	2,984	374,509	20,923	160,064	-748	7,030	1,551,186
2013	381,510	3,696	1,855	546,755	3,276	382,902	22,500	190,002	-841	6,826	1,538,482
2012											
January	31,101	224	206	46,574	263	34,111	1,995	14,684	-47	577	129,688
February	26,312	147	169	48,027	256	30,730	1,678	12,406	-35	546	120,236
March	23,721	127	138	48,085	261	31,128	2,117	15,075	-71	587	121,167
April	20,138	141	87	49,080	254	27,987	1,940	13,914	-15	561	114,087
May	27,005	210	121	53,993	244	30,697	2,379	13,838	-80	599	129,007
June	30,125	314	119	59,262	253	31,088	1,942	13,609	-78	612	137,247
July	38,127	340	146	72,301	266	33,130	1,586	11,293	-89	620	157,719
August	35,897	235	202	69,198	266	33,453	1,305	10,855	-84	588	151,914
Sept	29,513	186	151	55,837	232	31,126	1,135	11,021	-62	575	129,715
October	29,028	204	156	45,919	225	28,455	1,395	14,180	-55	575	120,080
November	31,554	213	130	39,163	211	27,674	1,590	13,150	-54	580	114,213
December	31,555	415	133	40,394	253	34,928	1,862	16,039	-77	610	126,112
2013											
January	33,501	588	158	42,880	244	34,658	2,064	15,829	-61	548	130,408
February	31,197	344	141	38,670	198	30,340	1,889	15,091	-15	495	118,351
March	31,934	191	157	40,350	213	31,522	1,960	17,319	-47	587	124,185
April	26,657	198	150	37,904	219	27,776	1,914	18,334	-60	555	113,647
May	28,566	240	108	40,265	271	29,871	2,275	17,994	-74	607	120,123
June	32,790	243	146	47,998	281	31,926	2,266	16,025	-97	605	132,182
July	37,467	457	172	60,673	316	33,807	2,265	13,720	-103	621	149,395
August	34,518	222	215	59,278	315	34,167	1,669	12,530	-47	593	143,460
Sept	33,141	266	148	50,078	295	31,340	1,359	13,898	-92	568	131,000
October	28,443	193	157	42,974	287	31,578	1,399	15,876	-66	547	121,388
November	27,924	210	149	41,189	320	32,037	1,475	17,406	-82	537	121,164
December	35,373	543	152	44,496	318	33,881	1,966	15,979	-95	564	133,180
2014											
January	37,449	3,245	111	43,495	292	34,316	2,073	19,335	-72	518	140,762
February	35,694	689	123	36,815	234	29,702	1,601	15,599	-84	457	120,830
March	34,631	919	129	36,953	233	29,785	1,882	19,680	-66	567	124,713
Year to Date											
2012	81,134	498	513	142,686	780	95,970	5,790	42,165	-154	1,710	371,092
2013	96,632	1,123	457	121,901	654	96,519	5,913	48,239	-124	1,630	372,944
2014	107,774	4,853	363	117,263	759	93,803	5,557	54,613	-223	1,543	386,305
Rolling 12 Months Ending in March											
2013	369,574	3,381	1,703	607,048	2,859	375,058	21,046	166,139	-719	6,949	1,553,038
2014	392,653	7,425	1,761	542,118	3,381	380,186	22,144	196,376	-939	6,739	1,551,844

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
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Table 1.4. Net Generation by Energy Source: Commerical Sector, 2004-March 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2004	1,340	493	7	3,969	0	0	105	1,575	0	781	8,270
2005	1,353	368	7	4,249	0	0	86	1,673	0	756	8,492
2006	1,310	228	7	4,355	0	0	93	1,619	0	758	8,371
2007	1,371	180	9	4,257	0	0	77	1,614	0	764	8,273
2008	1,261	136	6	4,188	0	0	60	1,555	0	720	7,926
2009	1,096	157	5	4,225	0	0	71	1,769	0	842	8,165
2010	1,111	117	7	4,725	3	0	80	1,714	0	834	8,592
2011	1,049	86	3	5,487	3	0	26	2,476	0	950	10,080
2012	883	191	6	6,603	0	0	28	2,545	0	1,046	11,301
2013	799	NM	5	6,351	0	0	36	2,904	0	1,143	11,480
2012											
January	83	14	1	543	0	0	3	197	0	76	916
February	81	15	1	531	0	0	2	194	0	77	900
March	74	12	1	537	0	0	2	204	0	82	911
April	66	17	0	510	0	0	2	207	0	86	888
May	69	12	0	541	0	0	3	215	0	90	930
June	79	21	0	585	0	0	2	204	0	84	975
July	83	18	1	716	0	0	2	219	0	96	1,135
August	81	18	1	620	0	0	2	228	0	96	1,046
Sept	66	14	1	537	0	0	2	219	0	91	930
October	57	19	1	513	0	0	2	222	0	91	904
November	67	15	1	488	0	0	2	217	0	86	876
December	77	15	1	483	0	0	2	219	0	91	888
2013											
January	76	NM	1	558	0	0	NM	220	0	88	980
February	83	NM	1	503	0	0	NM	208	0	82	904
March	72	16	1	516	0	0	NM	249	0	99	955
April	55	16	0	440	0	0	NM	232	0	94	841
May	67	18	0	491	0	0	NM	240	0	90	909
June	75	17	0	512	0	0	NM	245	0	95	948
July	77	27	0	606	0	0	NM	249	0	103	1,065
August	66	17	1	587	0	0	NM	260	0	107	1,041
Sept	54	16	1	543	0	0	NM	253	0	103	972
October	54	15	1	500	0	0	NM	255	0	96	923
November	51	16	0	528	0	0	NM	240	0	91	928
December	69	NM	1	566	0	0	NM	252	0	94	1,014
2014											
January	105	NM	1	564	0	0	NM	245	0	91	1,137
February	97	NM	1	516	0	0	NM	206	0	77	943
March	88	NM	1	514	0	0	NM	250	0	93	995
Year to Date											
2012	238	41	2	1,610	0	0	7	595	0	235	2,727
2013	231	NM	2	1,577	0	0	NM	677	0	269	2,838
2014	289	NM	2	1,594	0	0	NM	701	0	261	3,074
Rolling 12 Months Ending in March											
2013	876	NM	6	6,570	0	0	NM	2,628	0	1,080	11,412
2014	857	NM	6	6,368	0	0	NM	2,928	0	1,135	11,716

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 1.5. Net Generation by Energy Source: Industrial Sector, 2004-March 2014
(Thousand Megawatthours)

Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Renewable Sources Excluding Hydroelectric	Hydroelectric Pumped Storage	Other	Total
Annual Totals											
2004	19,773	4,128	1,839	78,959	11,684	0	3,248	29,164	0	5,129	153,925
2005	19,466	3,804	1,564	72,882	9,687	0	3,195	29,003	0	5,137	144,739
2006	19,464	2,567	1,656	77,669	9,923	0	2,899	28,972	0	5,103	148,254
2007	16,694	2,355	1,889	77,580	9,411	0	1,590	28,919	0	4,690	143,128
2008	15,703	1,555	1,664	76,421	8,507	0	1,676	27,462	0	4,125	137,113
2009	13,686	1,474	1,489	75,748	7,574	0	1,868	26,033	0	4,457	132,329
2010	18,441	844	1,414	81,583	8,343	0	1,668	26,576	0	5,214	144,082
2011	14,490	657	1,234	81,911	8,624	0	1,799	27,619	0	5,541	141,875
2012	12,603	563	2,359	86,500	8,913	0	2,353	27,707	0	5,108	146,107
2013	13,020	450	2,071	87,352	8,926	0	3,363	28,777	0	3,979	147,937
2012											
January	1,135	84	247	7,096	754	0	275	2,405	0	431	12,425
February	1,017	46	167	6,771	788	0	240	2,272	0	396	11,699
March	1,041	49	176	6,713	815	0	234	2,225	0	428	11,681
April	935	41	158	6,571	803	0	178	2,068	0	403	11,158
May	984	41	150	7,186	758	0	212	2,200	0	458	11,988
June	1,035	37	170	7,327	719	0	175	2,210	0	418	12,091
July	1,189	39	195	8,013	776	0	137	2,385	0	454	13,190
August	1,159	43	235	7,956	784	0	152	2,396	0	434	13,160
Sept	1,026	40	210	7,209	672	0	159	2,347	0	406	12,069
October	990	50	179	7,006	670	0	192	2,332	0	422	11,841
November	1,012	41	239	7,080	664	0	213	2,376	0	428	12,052
December	1,079	51	233	7,573	709	0	186	2,490	0	430	12,751
2013											
January	1,020	58	188	7,634	755	0	317	2,495	0	328	12,795
February	986	38	112	6,880	678	0	345	2,313	0	318	11,671
March	1,099	36	192	7,419	769	0	298	2,445	0	330	12,589
April	956	37	190	6,674	700	0	253	2,115	0	295	11,220
May	1,097	43	214	7,093	785	0	320	2,301	0	291	12,143
June	1,142	32	203	7,192	731	0	295	2,389	0	322	12,306
July	1,233	39	212	7,628	827	0	312	2,521	0	349	13,121
August	1,125	40	211	7,539	823	0	235	2,508	0	383	12,864
Sept	1,075	30	190	6,984	734	0	230	2,393	0	367	12,003
October	1,059	29	157	7,052	671	0	228	2,388	0	371	11,955
November	1,090	25	93	7,385	731	0	204	2,387	0	312	12,227
December	1,138	43	109	7,873	722	0	326	2,521	0	312	13,044
2014											
January	1,225	98	124	7,476	643	0	344	2,461	0	323	12,694
February	1,121	53	129	6,583	519	0	247	2,228	0	286	11,166
March	1,162	55	144	7,121	605	0	205	2,430	0	304	12,026
Year to Date											
2012	3,194	179	590	20,580	2,357	0	749	6,903	0	1,254	35,806
2013	3,105	132	492	21,932	2,202	0	961	7,253	0	976	37,054
2014	3,507	206	396	21,180	1,767	0	797	7,119	0	912	35,886
Rolling 12 Months Ending in March											
2013	12,515	516	2,261	87,853	8,758	0	2,565	28,057	0	4,830	147,355
2014	13,422	524	1,975	86,600	8,491	0	3,198	28,643	0	3,915	146,768

Coal includes anthracite, bituminous, subbituminous, lignite, and waste coal; synthetic coal and refined coal; and beginning in 2011, coal-derived synthesis gas. Prior to 2011 coal-derived synthesis gas was included in Other Gases.
Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
Other Gas includes blast furnace gas and other manufactured and waste gases derived from fossil fuels. Prior to 2011, Other Gas included propane and synthesis gases.
See the Technical Notes for fuel conversion factors.
Other Renewable Sources include wood, black liquor, other wood waste, biogenic municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
Other includes non-biogenic municipal solid waste, batteries, hydrogen, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
Notes: Beginning with 2001 data, non-biogenic municipal solid waste and tire-derived fuels are reclassified as non-renewable energy sources and included in Other. Biogenic municipal solid waste is included in Other Renewable Sources.
See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.
Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	9,461	9,269	2.1%	572	461	8,380	8,242	125	100	384	466
Connecticut	3,040	3,009	1.0%	NM	NM	2,977	2,954	NM	28	NM	NM
Maine	1,132	1,224	-7.5%	NM	NM	834	835	21	19	277	370
Massachusetts	2,527	2,636	-4.1%	65	48	2,331	2,477	57	43	74	68
New Hampshire	1,828	1,775	3.0%	413	323	1,403	1,445	NM	NM	NM	NM
Rhode Island	287	326	-12.2%	0	1	281	322	NM	NM	0	0
Vermont	647	298	117.0%	89	85	555	210	NM	NM	NM	NM
Middle Atlantic	35,951	36,573	-1.7%	2,970	2,868	32,430	33,191	180	181	371	333
New Jersey	5,864	5,601	4.7%	-12	-11	5,774	5,509	45	50	58	54
New York	11,134	10,838	2.7%	2,849	2,752	8,091	7,905	102	100	91	80
Pennsylvania	18,953	20,134	-5.9%	134	128	18,565	19,777	32	30	222	199
East North Central	53,075	51,450	3.2%	28,333	26,354	23,718	24,042	152	155	873	899
Illinois	17,301	17,206	0.5%	951	1,117	16,080	15,824	45	45	225	220
Indiana	10,301	8,433	22.1%	9,169	7,260	898	895	NM	15	220	264
Michigan	8,545	8,677	-1.5%	6,833	6,605	1,524	1,874	61	72	127	126
Ohio	12,291	11,573	6.2%	7,981	7,531	4,167	3,902	NM	NM	119	119
Wisconsin	4,638	5,561	-16.6%	3,399	3,842	1,049	1,547	NM	NM	180	170
West North Central	28,694	27,337	5.0%	24,239	23,505	4,018	3,410	50	46	387	377
Iowa	5,104	4,685	8.9%	3,668	3,404	1,211	1,076	21	19	204	186
Kansas	3,745	3,213	16.5%	2,714	2,488	1,028	723	0	0	NM	NM
Minnesota	4,841	4,208	15.0%	3,876	3,412	826	646	NM	NM	125	134
Missouri	7,562	8,029	-5.8%	7,370	7,646	173	367	14	10	NM	6
Nebraska	3,374	3,085	9.4%	3,144	2,909	192	140	NM	NM	37	35
North Dakota	3,148	3,252	-3.2%	2,753	2,956	383	281	NM	NM	NM	14
South Dakota	920	866	6.3%	714	689	206	177	NM	NM	0	0
South Atlantic	63,305	59,170	7.0%	51,179	49,081	10,489	8,444	85	81	1,551	1,564
Delaware	584	759	-23.1%	NM	NM	520	687	NM	NM	63	72
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	17,070	16,078	6.2%	15,671	14,651	976	986	NM	NM	418	436
Georgia	9,097	8,957	1.6%	8,081	7,994	608	559	NM	NM	404	400
Maryland	3,628	2,610	39.0%	NM	NM	3,557	2,553	NM	20	41	34
North Carolina	10,658	9,963	7.0%	9,470	8,881	1,004	863	10	10	175	210
South Carolina	7,992	8,280	-3.5%	7,724	8,055	102	80	NM	NM	166	145
Virginia	6,559	6,618	-0.9%	5,308	5,814	1,030	612	35	38	186	154
West Virginia	7,713	5,901	30.7%	4,922	3,686	2,692	2,104	0	0	98	111
East South Central	29,503	32,660	-9.7%	25,628	28,088	2,973	3,616	NM	NM	886	940
Alabama	11,647	12,491	-6.8%	8,919	9,079	2,390	3,052	0	0	339	360
Kentucky	7,618	8,560	-11.0%	7,516	8,492	46	28	0	0	57	40
Mississippi	3,128	4,207	-25.7%	2,333	3,409	528	527	NM	NM	265	269
Tennessee	7,110	7,401	-3.9%	6,861	7,108	9	9	NM	NM	225	271
West South Central	51,575	49,766	3.6%	18,813	17,360	26,817	26,117	54	55	5,891	6,234
Arkansas	5,436	5,180	4.9%	4,262	3,549	1,019	1,467	NM	NM	154	164
Louisiana	7,831	7,802	0.4%	3,927	3,498	1,602	1,726	NM	NM	2,299	2,574
Oklahoma	5,451	5,601	-2.7%	3,713	4,186	1,667	1,343	0	0	72	72
Texas	32,857	31,182	5.4%	6,911	6,128	22,529	21,580	50	51	3,366	3,424
Mountain	28,748	29,356	-2.1%	22,747	22,654	5,712	6,385	31	31	259	286
Arizona	7,819	8,046	-2.8%	7,198	7,024	611	1,011	10	11	0	0
Colorado	4,314	4,334	-0.5%	3,104	3,297	1,202	1,029	NM	NM	NM	NM
Idaho	1,517	1,114	36.2%	1,109	604	365	466	0	0	42	44
Montana	2,385	2,427	-1.7%	656	383	1,728	2,043	0	0	NM	NM
Nevada	2,435	2,761	-11.8%	1,677	1,775	740	955	8	NM	NM	23
New Mexico	2,713	3,011	-9.9%	2,147	2,544	560	460	NM	NM	NM	NM
Utah	3,274	3,441	-4.9%	3,028	3,194	155	143	NM	NM	88	101
Wyoming	4,291	4,222	1.6%	3,828	3,832	351	279	0	0	112	111
Pacific Contiguous	29,974	28,404	5.5%	18,515	16,242	9,822	10,454	248	249	1,390	1,459
California	14,085	14,610	-3.6%	4,519	5,466	8,107	7,634	243	243	1,216	1,267
Oregon	5,672	5,238	8.3%	4,692	3,696	923	1,473	NM	NM	53	63
Washington	10,217	8,556	19.4%	9,304	7,080	792	1,347	NM	NM	120	129
Pacific Noncontiguous	1,311	1,316	-0.4%	866	960	356	284	53	42	NM	30
Alaska	508	538	-5.5%	460	500	22	21	23	11	NM	NM
Hawaii	802	777	3.2%	406	460	334	263	30	31	NM	23
U.S. Total	331,595	325,301	1.9%	193,861	187,573	124,713	124,185	995	955	12,026	12,589

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

Table 1.6.B. Net Generation

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	28,574	28,393	0.6%	1,760	1,540	25,347	25,112	401	324	1,066	1,418
Connecticut	8,816	9,249	-4.7%	NM	NM	8,629	9,065	87	NM	84	81
Maine	3,591	3,775	-4.9%	NM	NM	2,783	2,598	60	57	748	1,120
Massachusetts	8,182	7,499	9.1%	256	176	7,515	6,981	191	141	219	200
New Hampshire	5,146	5,453	-5.6%	1,217	1,108	3,881	4,316	NM	NM	NM	NM
Rhode Island	950	922	3.0%	0	2	927	905	NM	NM	0	0
Vermont	1,890	1,497	26.3%	270	241	1,610	1,247	NM	NM	NM	NM
Middle Atlantic	110,644	109,715	0.8%	8,794	8,192	100,242	99,950	504	529	1,103	1,043
New Jersey	17,398	15,857	9.7%	-46	-27	17,153	15,581	123	141	167	161
New York	34,770	33,324	4.3%	8,520	7,844	25,686	24,929	296	302	268	249
Pennsylvania	58,476	60,533	-3.4%	321	375	57,402	59,440	85	85	668	633
East North Central	165,760	156,783	5.7%	89,703	80,468	72,994	73,206	504	472	2,559	2,637
Illinois	52,727	51,778	1.8%	2,993	3,175	48,935	47,800	144	145	655	658
Indiana	32,582	27,329	19.2%	28,998	23,583	2,887	2,928	58	55	639	764
Michigan	26,918	26,184	2.8%	21,394	20,796	4,917	4,829	206	197	402	362
Ohio	37,544	34,954	7.4%	24,500	21,781	12,636	12,756	66	NM	343	347
Wisconsin	15,987	16,538	-3.3%	11,818	11,133	3,620	4,893	NM	NM	520	505
West North Central	89,970	83,754	7.4%	76,910	72,561	11,716	9,994	164	124	1,182	1,075
Iowa	15,810	14,675	7.7%	11,583	10,820	3,530	3,265	73	52	624	538
Kansas	12,564	11,100	13.2%	9,920	9,052	2,634	2,042	0	0	NM	NM
Minnesota	14,993	13,553	10.6%	11,964	11,102	2,606	2,039	NM	43	374	370
Missouri	23,968	23,396	2.4%	23,487	22,622	420	734	38	24	23	15
Nebraska	10,209	9,292	9.9%	9,546	8,788	547	396	NM	NM	112	104
North Dakota	9,830	9,287	5.8%	8,463	8,273	1,326	972	NM	NM	40	42
South Dakota	2,598	2,450	6.0%	1,946	1,905	652	546	NM	NM	0	0
South Atlantic	200,168	179,502	11.5%	163,584	146,883	31,622	27,682	263	231	4,700	4,706
Delaware	1,687	1,636	3.1%	NM	NM	1,506	1,408	NM	NM	179	227
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	52,008	47,440	9.6%	48,140	43,489	2,641	2,631	14	14	1,213	1,306
Georgia	30,622	27,386	11.8%	27,615	23,831	1,805	2,345	8	NM	1,194	1,202
Maryland	11,136	8,290	34.3%	NM	NM	10,921	8,120	NM	NM	115	99
North Carolina	34,157	30,912	10.5%	30,616	27,196	2,901	3,021	35	25	605	670
South Carolina	25,332	24,297	4.3%	24,555	23,641	255	192	NM	NM	522	464
Virginia	21,899	19,321	13.3%	17,742	16,113	3,507	2,656	97	99	553	454
West Virginia	23,312	20,204	15.4%	14,906	12,609	8,086	7,311	0	0	319	284
East South Central	96,442	94,963	1.6%	84,469	81,951	9,151	10,115	50	NM	2,773	2,848
Alabama	37,125	37,473	-0.9%	29,128	27,830	6,934	8,506	0	0	1,063	1,137
Kentucky	25,223	24,556	2.7%	24,958	24,408	100	30	0	0	164	119
Mississippi	12,303	12,464	-1.3%	9,452	10,168	2,088	1,554	NM	NM	759	737
Tennessee	21,791	20,470	6.5%	20,931	19,545	29	24	NM	NM	786	857
West South Central	161,399	148,944	8.4%	59,753	52,908	84,077	77,694	160	160	17,410	18,181
Arkansas	16,259	16,053	1.3%	12,481	11,427	3,314	4,111	NM	NM	462	513
Louisiana	25,281	22,967	10.1%	12,026	10,403	6,278	5,161	NM	NM	6,966	7,392
Oklahoma	17,818	16,267	9.5%	13,015	12,163	4,606	3,908	NM	0	197	196
Texas	102,041	93,657	9.0%	22,230	18,916	69,879	64,514	147	148	9,785	10,079
Mountain	88,227	89,839	-1.8%	69,406	70,439	18,037	18,576	93	86	691	738
Arizona	24,386	23,970	1.7%	21,721	21,593	2,634	2,345	31	32	0	0
Colorado	13,641	13,260	2.9%	10,368	10,153	3,249	3,087	NM	NM	13	16
Idaho	3,980	3,534	12.6%	2,548	2,091	1,306	1,313	0	0	126	131
Montana	6,972	7,653	-8.9%	1,555	1,400	5,413	6,251	0	0	NM	NM
Nevada	7,795	8,600	-9.4%	5,309	5,619	2,439	2,892	21	22	25	67
New Mexico	7,657	9,062	-15.5%	6,146	7,683	1,490	1,361	20	19	NM	NM
Utah	10,448	10,236	2.1%	9,820	9,637	427	392	NM	9	190	198
Wyoming	13,349	13,523	-1.3%	11,938	12,265	1,078	935	0	0	333	324
Pacific Contiguous	87,107	87,387	-0.3%	49,897	52,539	32,132	29,799	776	730	4,303	4,319
California	43,613	43,934	-0.7%	14,183	16,946	24,880	22,502	759	714	3,791	3,773
Oregon	16,025	16,457	-2.6%	12,120	12,007	3,726	4,256	NM	NM	166	178
Washington	27,470	26,997	1.8%	23,594	23,587	3,526	3,041	NM	NM	346	369
Pacific Noncontiguous	3,985	3,947	1.0%	2,737	2,909	988	815	159	133	101	90
Alaska	1,590	1,651	-3.7%	1,443	1,522	66	65	70	46	NM	NM
Hawaii	2,395	2,296	4.3%	1,294	1,387	NM	750	89	88	89	72
U.S. Total	1,032,276	983,226	5.0%	607,012	570,390	386,305	372,944	3,074	2,838	35,886	37,054

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

Table 1.7.A. Net Generation from Coal
by State, by Sector, March 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	1,273	789	61.3%	327	251	935	533	0	0	11	5
Connecticut	232	2	NM	0	0	232	2	0	0	0	0
Maine	14	6	135.5%	0	0	6	4	0	0	8	2
Massachusetts	699	530	32.0%	0	0	696	527	0	0	NM	NM
New Hampshire	327	251	30.3%	327	251	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	9,352	9,064	3.2%	NM	NM	9,266	8,993	NM	NM	78	65
New Jersey	277	222	24.8%	0	0	277	222	0	0	0	0
New York	792	627	26.4%	NM	NM	760	598	0	0	26	23
Pennsylvania	8,283	8,216	0.8%	0	0	8,229	8,173	NM	NM	52	41
East North Central	33,234	30,164	10.2%	24,089	22,061	8,820	7,809	32	25	294	268
Illinois	7,924	7,277	8.9%	939	1,077	6,821	6,045	7	7	157	149
Indiana	8,655	7,107	21.8%	8,233	6,681	411	415	6	7	NM	4
Michigan	4,847	4,346	11.5%	4,769	4,279	35	33	18	11	26	23
Ohio	8,788	8,170	7.6%	7,208	6,828	1,553	1,316	NM	NM	26	25
Wisconsin	3,021	3,263	-7.4%	2,940	3,196	0	0	NM	NM	80	67
West North Central	18,554	18,356	1.1%	18,223	18,044	0	0	26	24	305	288
Iowa	2,808	2,661	5.5%	2,596	2,462	0	0	16	15	196	183
Kansas	2,356	2,255	4.5%	2,356	2,255	0	0	0	0	0	0
Minnesota	2,262	1,884	20.0%	2,201	1,826	0	0	0	0	61	59
Missouri	6,256	6,368	-1.8%	6,241	6,354	0	0	10	9	NM	5
Nebraska	2,146	2,243	-4.3%	2,112	2,210	0	0	0	0	35	33
North Dakota	2,433	2,657	-8.4%	2,425	2,650	0	0	0	0	NM	8
South Dakota	292	288	1.5%	292	288	0	0	0	0	0	0
South Atlantic	25,532	22,105	15.5%	20,133	18,203	5,192	3,713	NM	9	202	180
Delaware	136	104	31.2%	0	0	136	104	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,638	3,449	5.5%	3,487	3,326	133	107	0	0	NM	NM
Georgia	3,336	2,919	14.3%	3,291	2,879	0	0	0	0	45	40
Maryland	2,165	1,392	55.5%	0	0	2,144	1,375	NM	NM	20	16
North Carolina	5,049	4,251	18.8%	4,904	4,112	127	117	2	6	NM	NM
South Carolina	2,120	2,134	-0.7%	2,101	2,119	0	0	0	0	19	15
Virginia	1,758	2,333	-24.6%	1,511	2,142	197	145	NM	NM	48	44
West Virginia	7,330	5,523	32.7%	4,839	3,625	2,455	1,866	0	0	36	32
East South Central	14,764	15,340	-3.7%	14,609	14,939	34	275	NM	NM	118	123
Alabama	3,503	3,615	-3.1%	3,490	3,599	0	0	0	0	NM	16
Kentucky	6,865	7,956	-13.7%	6,865	7,956	0	0	0	0	0	0
Mississippi	586	664	-11.7%	552	388	34	275	0	0	0	0
Tennessee	3,811	3,105	22.7%	3,703	2,996	0	0	NM	NM	105	107
West South Central	18,167	17,136	6.0%	9,719	9,280	8,406	7,812	0	0	41	44
Arkansas	2,875	2,467	16.5%	2,423	2,020	445	437	0	0	6	11
Louisiana	1,415	1,906	-25.7%	583	807	830	1,096	0	0	NM	NM
Oklahoma	2,391	2,138	11.8%	2,294	1,979	63	127	0	0	NM	31
Texas	11,486	10,626	8.1%	4,419	4,474	7,068	6,151	0	0	0	0
Mountain	15,353	16,601	-7.5%	13,797	14,675	1,479	1,836	0	0	78	90
Arizona	3,316	3,246	2.2%	3,316	3,246	0	0	0	0	0	0
Colorado	2,391	2,683	-10.9%	2,380	2,673	NM	NM	0	0	NM	NM
Idaho	NM	7	NM	0	0	0	0	0	0	NM	7
Montana	1,245	1,621	-23.2%	NM	NM	1,222	1,597	0	0	NM	NM
Nevada	546	393	38.9%	389	260	157	133	0	0	0	0
New Mexico	1,699	2,169	-21.7%	1,699	2,169	0	0	0	0	0	0
Utah	2,491	2,785	-10.6%	2,425	2,701	NM	NM	0	0	34	48
Wyoming	3,659	3,697	-1.0%	3,565	3,603	NM	NM	0	0	35	34
Pacific Contiguous	604	1,283	-52.9%	203	378	369	871	0	0	32	34
California	94	52	79.5%	0	0	66	NM	0	0	28	30
Oregon	203	378	-46.4%	203	378	0	0	0	0	0	0
Washington	307	852	-64.0%	0	0	303	848	0	0	4	4
Pacific Noncontiguous	171	124	38.1%	17	18	128	92	22	10	NM	NM
Alaska	56	45	24.2%	17	18	17	17	22	10	0	0
Hawaii	115	78	46.2%	0	0	111	75	0	0	NM	NM
U.S. Total	137,004	130,961	4.6%	101,124	97,856	34,631	31,934	88	72	1,162	1,099

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

Table 1.7.B. Net Generation from Coal

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	3,551	2,828	25.6%	934	869	2,590	1,938	0	0	27	20
Connecticut	625	305	104.6%	0	0	625	305	0	0	0	0
Maine	40	27	47.9%	0	0	22	15	0	0	18	12
Massachusetts	1,953	1,626	20.1%	0	0	1,943	1,618	0	0	NM	8
New Hampshire	934	869	7.4%	934	869	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	28,786	26,852	7.2%	NM	NM	28,499	26,630	NM	4	258	205
New Jersey	1,173	626	87.5%	0	0	1,173	626	0	0	0	0
New York	2,396	1,886	27.0%	NM	NM	2,289	1,797	0	0	85	76
Pennsylvania	25,217	24,340	3.6%	0	0	25,037	24,207	NM	4	173	129
East North Central	103,634	92,997	11.4%	76,003	67,297	26,636	24,805	99	90	895	804
Illinois	23,943	22,693	5.5%	2,931	3,088	20,532	19,146	19	22	461	437
Indiana	27,633	22,733	21.6%	26,265	21,383	1,319	1,306	35	31	14	13
Michigan	14,509	14,028	3.4%	14,258	13,828	118	94	41	36	93	69
Ohio	26,970	23,997	12.4%	22,221	19,666	4,667	4,258	NM	NM	81	72
Wisconsin	10,578	9,545	10.8%	10,329	9,331	0	0	NM	NM	247	213
West North Central	58,772	56,003	4.9%	57,729	55,104	0	0	86	65	957	834
Iowa	9,189	8,430	9.0%	8,526	7,859	0	0	57	42	606	529
Kansas	7,429	7,505	-1.0%	7,429	7,505	0	0	0	0	0	0
Minnesota	7,528	6,104	23.3%	7,331	5,934	0	0	0	0	197	170
Missouri	19,805	18,963	4.4%	19,755	18,927	0	0	29	23	22	14
Nebraska	6,627	6,837	-3.1%	6,520	6,738	0	0	0	0	107	99
North Dakota	7,416	7,311	1.4%	7,390	7,288	0	0	0	0	26	23
South Dakota	778	853	-8.8%	778	853	0	0	0	0	0	0
South Atlantic	84,651	64,562	31.1%	68,550	52,538	15,445	11,508	21	23	635	494
Delaware	525	260	101.6%	0	0	525	260	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	12,823	9,404	36.4%	12,626	9,252	147	107	0	0	50	46
Georgia	12,907	8,365	54.3%	12,760	8,239	0	0	0	0	147	126
Maryland	6,550	3,984	64.4%	0	0	6,488	3,935	NM	NM	56	46
North Carolina	15,669	11,886	31.8%	15,270	11,505	332	313	15	18	52	49
South Carolina	7,375	6,108	20.7%	7,310	6,071	0	0	0	0	65	37
Virginia	6,683	5,431	23.0%	5,995	5,053	563	266	NM	NM	124	111
West Virginia	22,119	19,124	15.7%	14,589	12,419	7,390	6,626	0	0	140	78
East South Central	47,975	42,895	11.8%	47,052	41,682	555	856	NM	6	360	352
Alabama	12,240	10,361	18.1%	12,192	10,311	0	0	0	0	48	50
Kentucky	22,660	22,793	-0.6%	22,660	22,793	0	0	0	0	0	0
Mississippi	2,744	1,714	60.1%	2,190	858	555	856	0	0	0	0
Tennessee	10,331	8,028	28.7%	10,009	7,720	0	0	NM	6	313	302
West South Central	58,389	52,425	11.4%	31,478	28,924	26,800	23,388	0	0	111	113
Arkansas	8,967	7,610	17.8%	7,624	6,598	1,324	980	0	0	19	32
Louisiana	4,824	5,465	-11.7%	1,738	2,357	3,075	3,103	0	0	NM	NM
Oklahoma	7,690	6,881	11.8%	7,260	6,405	348	400	0	0	83	77
Texas	36,908	32,469	13.7%	14,856	13,564	22,052	18,905	0	0	0	0
Mountain	49,103	51,068	-3.8%	44,263	45,466	4,675	5,430	0	0	166	173
Arizona	10,191	9,799	4.0%	10,191	9,799	0	0	0	0	0	0
Colorado	8,511	8,562	-0.6%	8,484	8,536	NM	NM	0	0	NM	NM
Idaho	23	19	16.8%	0	0	0	0	0	0	23	19
Montana	3,997	4,821	-17.1%	NM	NM	3,923	4,748	0	0	NM	NM
Nevada	1,940	1,209	60.4%	1,481	852	459	357	0	0	0	0
New Mexico	4,863	6,546	-25.7%	4,863	6,546	0	0	0	0	0	0
Utah	8,148	8,303	-1.9%	8,018	8,146	NM	109	0	0	34	48
Wyoming	11,429	11,808	-3.2%	11,154	11,516	171	191	0	0	104	101
Pacific Contiguous	3,249	3,045	6.7%	959	1,142	2,199	1,801	0	0	90	102
California	164	218	-24.7%	0	0	85	125	0	0	79	93
Oregon	959	1,142	-16.0%	959	1,142	0	0	0	0	0	0
Washington	2,125	1,685	26.1%	0	0	2,114	1,676	0	0	11	10
Pacific Noncontiguous	503	378	33.0%	51	52	377	277	67	43	NM	NM
Alaska	168	146	15.1%	51	52	49	51	67	43	0	0
Hawaii	335	233	44.1%	0	0	328	226	0	0	NM	NM
U.S. Total	438,612	393,054	11.6%	327,041	293,086	107,774	96,632	289	231	3,507	3,105

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	421	13	NM	52	5	337	3	NM	4	NM	2
Connecticut	97	1	NM	NM	0	94	0	NM	NM	NM	NM
Maine	82	2	NM	NM	NM	76	1	NM	NM	NM	1
Massachusetts	178	8	NM	23	3	140	NM	NM	3	NM	1
New Hampshire	44	NM	NM	25	0	13	NM	NM	NM	NM	NM
Rhode Island	17	NM	NM	0	1	14	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	456	38	NM	169	2	272	26	NM	NM	NM	8
New Jersey	48	3	NM	NM	NM	46	3	NM	NM	NM	NM
New York	338	22	NM	168	2	156	11	NM	NM	NM	8
Pennsylvania	71	13	436.6%	NM	NM	70	13	NM	NM	NM	NM
East North Central	76	42	80.0%	45	33	30	8	NM	NM	NM	1
Illinois	NM	5	NM	NM	2	8	3	NM	NM	NM	NM
Indiana	NM	12	NM	9	11	NM	NM	NM	NM	1	1
Michigan	11	7	54.5%	10	7	0	0	NM	0	NM	0
Ohio	37	17	124.6%	16	13	21	4	NM	NM	NM	NM
Wisconsin	8	2	295.9%	6	1	2	1	NM	NM	NM	NM
West North Central	55	22	151.2%	50	21	4	0	NM	NM	NM	NM
Iowa	NM	5	NM	NM	5	NM	NM	NM	NM	NM	NM
Kansas	NM	4	NM	NM	4	0	0	0	0	0	0
Minnesota	17	1	NM	12	0	4	NM	NM	NM	NM	NM
Missouri	18	7	165.6%	18	7	0	0	NM	NM	0	0
Nebraska	4	3	25.8%	4	3	0	0	0	0	0	0
North Dakota	NM	2	NM	NM	2	0	0	NM	NM	NM	NM
South Dakota	NM	1	NM	NM	1	NM	NM	NM	NM	0	0
South Atlantic	337	131	157.5%	196	107	123	12	NM	NM	11	11
Delaware	26	1	NM	0	NM	26	1	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	58	65	-10.7%	55	61	NM	NM	0	0	NM	NM
Georgia	NM	3	NM	NM	-1	NM	NM	NM	NM	4	4
Maryland	80	9	811.6%	NM	1	71	7	NM	NM	0	0
North Carolina	26	24	10.5%	24	23	NM	NM	NM	NM	NM	NM
South Carolina	NM	7	NM	NM	7	0	0	NM	NM	1	1
Virginia	105	13	697.0%	86	8	17	2	NM	0	NM	2
West Virginia	14	9	55.2%	7	9	7	0	0	0	0	0
East South Central	26	30	-14.3%	21	26	NM	0	NM	NM	NM	NM
Alabama	8	8	10.6%	4	4	NM	0	0	0	NM	NM
Kentucky	12	7	66.0%	12	7	0	0	0	0	0	0
Mississippi	NM	2	NM	NM	2	0	0	0	0	0	0
Tennessee	5	13	-62.3%	5	13	0	0	NM	NM	NM	NM
West South Central	24	13	78.9%	13	4	10	7	NM	NM	NM	2
Arkansas	3	2	12.2%	2	1	1	1	0	0	0	0
Louisiana	7	5	41.3%	1	1	6	2	0	0	1	2
Oklahoma	2	0	NM	2	0	0	0	0	0	0	NM
Texas	12	6	101.1%	8	2	3	4	NM	NM	NM	NM
Mountain	30	19	60.0%	29	17	NM	1	NM	NM	NM	NM
Arizona	16	6	187.0%	16	6	0	0	NM	NM	0	0
Colorado	NM	1	NM	NM	1	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	1	1	33.8%	NM	NM	1	1	0	0	0	0
Nevada	1	1	5.7%	1	1	0	0	0	0	0	0
New Mexico	5	3	55.5%	5	3	NM	NM	0	0	NM	NM
Utah	NM	1	NM	NM	1	NM	NM	0	0	NM	NM
Wyoming	3	5	-44.4%	3	5	0	0	0	0	NM	NM
Pacific Contiguous	NM	13	NM	NM	3	1	NM	NM	NM	NM	1
California	NM	NM	NM	2	2	0	NM	NM	NM	NM	0
Oregon	2	0	250.0%	2	0	0	0	0	0	0	0
Washington	NM	2	NM	NM	NM	1	1	NM	NM	NM	1
Pacific Noncontiguous	613	653	-6.0%	458	512	NM	133	NM	NM	NM	7
Alaska	56	58	-2.9%	55	55	0	0	NM	NM	NM	3
Hawaii	557	595	-6.3%	403	458	NM	133	0	0	NM	4
U.S. Total	2,056	974	111.2%	1,036	731	919	191	NM	16	55	36

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

Table 1.8.B. Net Generation from Petroleum Liquids

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	2,012	479	320.0%	234	75	1,633	364	NM	NM	NM	12
Connecticut	473	154	206.9%	NM	1	462	152	NM	NM	NM	NM
Maine	266	114	132.8%	NM	NM	245	108	NM	NM	NM	NM
Massachusetts	902	148	510.2%	124	38	702	NM	NM	NM	NM	6
New Hampshire	288	40	619.8%	99	33	161	NM	NM	NM	NM	NM
Rhode Island	74	21	250.1%	0	2	62	16	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	2,847	518	449.6%	842	172	1,946	312	NM	NM	NM	27
New Jersey	422	60	599.8%	NM	NM	414	59	NM	NM	NM	NM
New York	1,917	366	424.0%	838	172	1,029	163	NM	NM	NM	25
Pennsylvania	509	92	453.4%	NM	NM	503	90	NM	NM	NM	NM
East North Central	293	141	107.5%	175	115	109	23	NM	NM	NM	NM
Illinois	31	17	82.7%	NM	6	20	11	NM	NM	NM	NM
Indiana	46	34	36.0%	42	32	NM	NM	NM	NM	4	2
Michigan	43	28	53.8%	41	27	0	0	NM	NM	1	1
Ohio	152	55	174.8%	64	43	84	11	NM	NM	NM	NM
Wisconsin	22	8	190.3%	17	6	4	1	NM	NM	NM	NM
West North Central	144	64	124.5%	133	63	9	NM	NM	NM	NM	NM
Iowa	22	14	59.9%	22	13	NM	NM	NM	NM	NM	NM
Kansas	NM	12	NM	NM	12	0	0	0	0	0	0
Minnesota	36	4	871.4%	26	3	9	NM	NM	NM	NM	NM
Missouri	49	20	148.4%	49	20	0	0	NM	NM	0	0
Nebraska	9	5	71.4%	9	5	0	0	0	0	0	0
North Dakota	9	7	20.2%	8	7	0	0	NM	NM	NM	NM
South Dakota	NM	3	NM	NM	2	NM	NM	NM	NM	0	0
South Atlantic	2,243	376	496.3%	1,443	273	711	53	NM	NM	53	39
Delaware	151	10	NM	0	NM	151	9	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	124	NM	NM	113	NM	NM	0	0	NM	10
Georgia	104	5	NM	57	-8	30	NM	NM	NM	17	13
Maryland	385	39	887.6%	NM	NM	345	28	NM	NM	0	0
North Carolina	300	68	343.8%	268	61	23	5	NM	NM	NM	NM
South Carolina	203	25	716.0%	190	NM	10	0	NM	NM	4	2
Virginia	878	76	NM	743	55	128	10	NM	NM	NM	12
West Virginia	59	29	103.0%	36	28	23	1	0	0	0	0
East South Central	204	103	97.6%	173	90	10	NM	NM	NM	NM	13
Alabama	63	30	112.7%	34	18	10	NM	0	0	NM	11
Kentucky	34	33	4.5%	34	33	0	0	0	0	0	0
Mississippi	NM	3	NM	NM	2	0	0	0	0	0	1
Tennessee	103	37	176.6%	102	37	0	0	NM	NM	NM	NM
West South Central	61	54	14.3%	29	14	28	28	NM	NM	NM	11
Arkansas	8	8	0.5%	4	3	2	4	0	0	2	0
Louisiana	14	21	-34.2%	4	4	8	6	0	0	1	10
Oklahoma	4	1	420.7%	4	1	0	0	NM	0	0	NM
Texas	36	24	49.8%	17	6	18	18	NM	NM	NM	NM
Mountain	66	54	23.7%	60	50	NM	3	NM	NM	NM	NM
Arizona	24	13	86.4%	24	13	0	0	NM	NM	0	0
Colorado	NM	3	NM	NM	3	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	4	2	131.5%	NM	NM	4	2	0	0	0	0
Nevada	2	4	-29.6%	2	3	0	1	0	0	0	0
New Mexico	16	13	23.0%	16	13	NM	NM	0	0	NM	NM
Utah	7	9	-22.9%	7	9	NM	NM	0	0	NM	NM
Wyoming	10	10	-5.6%	9	10	0	0	0	0	NM	NM
Pacific Contiguous	NM	NM	NM	NM	NM	5	3	NM	NM	NM	3
California	NM	NM	NM	7	7	2	NM	NM	NM	NM	1
Oregon	NM	1	NM	3	1	0	0	NM	0	0	0
Washington	NM	NM	NM	NM	NM	2	3	NM	NM	3	3
Pacific Noncontiguous	1,894	1,909	-0.8%	1,456	1,549	NM	NM	NM	2	NM	23
Alaska	178	184	-3.2%	173	175	0	0	NM	1	NM	8
Hawaii	1,716	1,725	-0.5%	1,283	1,374	NM	NM	0	0	NM	15
U.S. Total	9,831	3,738	163.0%	4,556	2,410	4,853	1,123	NM	NM	206	132

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

Table 1.9.A. Net Generation from Petroleum Coke
by State, by Sector, March 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	NM	NM	NM	0	0	0	0	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	0	0	0	0	NM	NM
East North Central	366	303	20.6%	239	164	93	108	0	0	NM	32
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	167	164	2.2%	167	164	0	0	0	0	0	0
Michigan	79	NM	NM	60	0	5	7	0	0	NM	NM
Ohio	91	102	-10.9%	0	0	88	101	0	0	NM	NM
Wisconsin	29	21	40.7%	11	0	0	0	0	0	18	20
West North Central	1	1	25.1%	0	0	0	0	1	1	0	0
Iowa	1	1	25.1%	0	0	0	0	1	1	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	218	147	48.9%	199	123	0	0	0	0	20	24
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	199	123	61.7%	199	123	0	0	0	0	0	0
Georgia	20	24	-17.7%	0	0	0	0	0	0	20	24
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	69	48	42.8%	69	48	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	69	48	42.8%	69	48	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	509	468	8.8%	446	351	0	0	0	0	NM	116
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	489	383	27.8%	446	351	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	NM	85	NM	0	0	0	0	0	0	NM	85
Mountain	37	43	-14.9%	0	0	37	43	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	37	43	-14.9%	0	0	37	43	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	NM	NM	0	0	0	NM	0	0	0	0
California	0	NM	NM	0	0	0	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	1,227	1,037	18.3%	953	687	129	157	1	1	144	192

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

Table 1.9.B. Net Generation from Petroleum Coke

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	78	NM	NM	0	0	0	0	0	0	78	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	842	827	1.9%	495	431	259	312	0	0	88	84
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	328	431	-23.8%	328	431	0	0	0	0	0	0
Michigan	187	49	279.3%	131	0	16	20	0	0	NM	NM
Ohio	251	292	-14.1%	0	0	243	291	0	0	NM	NM
Wisconsin	76	55	39.2%	35	1	0	0	0	0	41	54
West North Central	2	2	5.7%	0	0	0	0	2	2	0	0
Iowa	2	2	5.7%	0	0	0	0	2	2	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	639	208	207.3%	584	138	0	0	0	0	55	70
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	584	138	323.7%	584	138	0	0	0	0	0	0
Georgia	55	70	-21.5%	0	0	0	0	0	0	55	70
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	263	311	-15.6%	263	311	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	263	311	-15.6%	263	311	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	1,441	1,406	2.5%	1,267	1,123	0	0	0	0	175	283
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,389	1,210	14.7%	1,267	1,123	0	0	0	0	122	87
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	53	196	-73.1%	0	0	0	0	0	0	53	196
Mountain	102	120	-15.1%	0	0	102	120	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	102	120	-15.1%	0	0	102	120	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	3,370	2,955	14.0%	2,608	2,003	363	457	2	2	396	492

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	2,647	3,586	-26.2%	13	16	2,422	3,295	78	74	132	202
Connecticut	994	1,290	-22.9%	0	0	936	1,238	NM	28	NM	NM
Maine	301	414	-27.2%	0	0	207	245	NM	NM	92	166
Massachusetts	825	1,254	-34.2%	11	11	761	1,193	41	39	NM	NM
New Hampshire	266	312	-14.7%	1	3	261	305	NM	NM	NM	NM
Rhode Island	260	317	-17.8%	0	0	257	314	NM	NM	0	0
Vermont	0	0	-4.2%	0	0	0	0	0	0	0	0
Middle Atlantic	10,127	10,102	0.2%	911	1,002	9,015	8,909	82	80	119	110
New Jersey	2,232	2,067	8.0%	0	NM	2,183	2,018	NM	NM	NM	34
New York	4,194	4,274	-1.9%	910	1,001	3,200	3,194	60	58	NM	20
Pennsylvania	3,701	3,761	-1.6%	NM	0	3,633	3,697	NM	NM	59	56
East North Central	4,726	5,046	-6.3%	1,838	1,683	2,690	3,163	93	100	104	100
Illinois	239	740	-67.7%	NM	32	173	648	37	38	NM	NM
Indiana	889	525	69.4%	697	339	153	145	NM	NM	34	37
Michigan	934	1,164	-19.7%	228	208	661	898	NM	37	NM	NM
Ohio	2,194	1,839	19.3%	722	650	1,440	1,161	NM	NM	NM	NM
Wisconsin	470	778	-39.6%	187	454	262	310	NM	NM	NM	NM
West North Central	471	1,357	-65.3%	377	1,054	66	275	NM	NM	NM	NM
Iowa	NM	90	NM	NM	87	0	0	NM	NM	NM	NM
Kansas	73	166	-56.1%	70	164	0	0	0	0	NM	NM
Minnesota	175	589	-70.2%	138	543	NM	28	NM	NM	NM	NM
Missouri	175	493	-64.5%	132	245	43	247	0	2	NM	NM
Nebraska	NM	10	NM	14	9	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	0	0	0	0	0	NM	NM
South Dakota	NM	NM	NM	NM	NM	0	0	0	0	0	0
South Atlantic	18,717	19,367	-3.4%	15,353	16,218	3,082	2,825	NM	NM	261	303
Delaware	402	640	-37.2%	0	0	349	572	0	0	53	68
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	10,782	10,438	3.3%	10,198	9,772	469	546	NM	NM	113	119
Georgia	2,698	3,585	-24.7%	2,097	2,967	553	539	0	0	48	79
Maryland	177	111	60.2%	0	0	157	92	NM	NM	NM	NM
North Carolina	2,046	2,233	-8.4%	1,307	1,629	728	595	0	1	NM	8
South Carolina	895	1,044	-14.3%	796	965	94	72	0	0	NM	7
Virginia	1,667	1,297	28.6%	920	882	723	397	0	0	25	18
West Virginia	45	16	181.5%	34	3	10	12	0	0	NM	NM
East South Central	6,568	7,581	-13.4%	3,407	4,010	2,915	3,317	NM	NM	232	241
Alabama	3,750	4,430	-15.3%	1,288	1,308	2,377	3,038	0	0	86	84
Kentucky	375	194	93.2%	310	149	45	27	0	0	NM	NM
Mississippi	2,259	2,338	-3.4%	1,642	1,949	493	252	NM	NM	122	135
Tennessee	183	620	-70.4%	167	603	0	0	NM	NM	NM	5
West South Central	20,358	20,943	-2.8%	5,018	4,936	10,152	10,637	51	51	5,137	5,319
Arkansas	792	1,252	-36.8%	209	210	561	1,016	NM	NM	22	26
Louisiana	3,838	3,864	-0.7%	1,295	1,243	596	463	NM	NM	1,943	2,154
Oklahoma	1,738	2,373	-26.7%	1,143	1,940	584	422	0	0	NM	NM
Texas	13,991	13,453	4.0%	2,371	1,544	8,411	8,734	47	47	3,162	3,128
Mountain	4,285	5,118	-16.3%	2,835	2,934	1,333	2,050	22	23	95	112
Arizona	678	1,168	-42.0%	345	334	325	824	NM	9	0	0
Colorado	1,019	830	22.8%	539	527	479	301	0	0	NM	NM
Idaho	23	231	-89.9%	17	46	NM	181	0	0	NM	NM
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	1,239	1,731	-28.4%	1,001	1,213	222	491	NM	NM	NM	22
New Mexico	696	555	25.6%	412	352	278	197	NM	NM	0	0
Utah	566	514	10.2%	503	422	NM	NM	NM	NM	36	36
Wyoming	46	52	-10.4%	NM	NM	NM	NM	0	0	45	48
Pacific Contiguous	9,361	10,863	-13.8%	2,923	3,830	5,276	5,880	142	143	1,021	1,011
California	8,451	8,497	-0.5%	2,410	2,540	4,892	4,826	140	139	1,009	993
Oregon	394	1,455	-72.9%	81	495	305	944	NM	NM	NM	NM
Washington	517	911	-43.2%	433	795	78	110	NM	NM	5	5
Pacific Noncontiguous	245	317	-22.7%	243	314	0	0	NM	NM	NM	NM
Alaska	245	317	-22.7%	243	314	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	77,506	84,281	-8.0%	32,918	35,996	36,953	40,350	514	516	7,121	7,419

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

Table 1.10.B. Net Generation from Natural Gas

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	8,050	10,573	-23.9%	41	49	7,452	9,657	223	231	334	635
Connecticut	2,793	3,800	-26.5%	5	2	2,626	3,626	87	NM	76	NM
Maine	1,059	1,264	-16.2%	0	0	835	745	NM	NM	218	512
Massachusetts	2,946	3,612	-18.5%	33	38	2,762	3,421	116	118	NM	NM
New Hampshire	402	1,019	-60.5%	1	9	390	1,000	NM	NM	NM	NM
Rhode Island	850	876	-3.0%	0	0	839	865	NM	NM	0	0
Vermont	1	1	-17.2%	1	1	0	0	0	0	0	0
Middle Atlantic	28,788	29,977	-4.0%	2,664	2,659	25,560	26,711	230	252	335	355
New Jersey	6,334	5,578	13.6%	0	NM	6,196	5,418	NM	NM	102	108
New York	11,874	12,296	-3.4%	2,663	2,654	8,981	9,400	168	179	62	63
Pennsylvania	10,580	12,103	-12.6%	NM	0	10,382	11,892	NM	NM	171	185
East North Central	15,227	14,287	6.6%	5,974	5,138	8,610	8,539	321	313	322	297
Illinois	1,046	1,577	-33.7%	33	61	815	1,316	124	123	74	77
Indiana	2,884	2,217	30.1%	2,207	1,546	557	560	NM	NM	107	98
Michigan	3,608	2,693	34.0%	877	420	2,564	2,103	NM	108	NM	62
Ohio	6,028	5,712	5.5%	2,126	1,948	3,813	3,673	64	NM	NM	NM
Wisconsin	1,661	2,087	-20.4%	731	1,163	860	887	NM	NM	NM	37
West North Central	2,247	3,416	-34.2%	1,938	2,875	220	462	NM	NM	NM	NM
Iowa	183	255	-28.4%	166	247	NM	0	NM	NM	NM	NM
Kansas	341	394	-13.5%	332	388	0	0	0	0	NM	NM
Minnesota	762	1,513	-49.6%	551	1,371	156	91	NM	NM	NM	NM
Missouri	844	1,192	-29.1%	782	819	64	371	-1	1	NM	NM
Nebraska	NM	22	NM	34	16	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
South Dakota	73	33	120.6%	73	33	0	0	0	0	0	0
South Atlantic	52,578	57,623	-8.8%	42,614	46,796	9,137	9,863	60	NM	766	900
Delaware	952	1,321	-27.9%	0	0	806	1,114	0	0	146	207
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	29,599	30,786	-3.9%	27,794	28,831	1,466	1,591	NM	NM	333	358
Georgia	7,908	10,547	-25.0%	6,166	8,036	1,611	2,286	0	0	131	225
Maryland	429	298	44.2%	0	0	373	239	NM	NM	NM	NM
North Carolina	5,751	6,572	-12.5%	3,627	4,262	2,092	2,284	0	1	31	24
South Carolina	2,406	2,885	-16.6%	2,168	2,694	222	169	0	0	16	22
Virginia	5,312	5,145	3.2%	2,711	2,958	2,511	2,144	0	0	89	43
West Virginia	207	56	269.2%	148	15	56	37	0	0	NM	NM
East South Central	20,700	22,651	-8.6%	11,450	12,702	8,507	9,184	NM	NM	702	722
Alabama	10,592	12,483	-15.1%	3,457	3,743	6,876	8,459	0	0	259	281
Kentucky	1,204	398	202.2%	1,047	315	98	27	0	0	59	NM
Mississippi	7,827	8,047	-2.7%	5,919	6,972	1,533	699	NM	NM	370	372
Tennessee	1,077	1,723	-37.5%	1,027	1,672	0	0	NM	NM	14	14
West South Central	65,180	63,662	2.4%	16,702	14,362	33,161	33,572	149	149	15,169	15,578
Arkansas	2,394	3,742	-36.0%	366	578	1,950	3,087	NM	NM	78	77
Louisiana	12,941	11,579	11.8%	4,370	3,718	2,696	1,645	NM	NM	5,865	6,204
Oklahoma	6,614	6,493	1.9%	4,972	5,100	1,611	1,364	NM	0	31	29
Texas	43,231	41,847	3.3%	6,994	4,966	26,904	27,476	138	138	9,195	9,267
Mountain	14,778	15,971	-7.5%	9,232	9,878	5,189	5,688	76	69	282	336
Arizona	3,306	3,642	-9.2%	1,343	1,739	1,938	1,875	26	27	0	0
Colorado	2,580	2,227	15.9%	1,455	1,309	1,119	914	4	0	NM	NM
Idaho	735	740	-0.7%	399	227	325	496	0	0	NM	17
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	4,201	5,854	-28.2%	3,174	4,180	986	1,592	16	15	NM	67
New Mexico	1,949	1,737	12.2%	1,202	1,066	728	653	19	18	0	0
Utah	1,764	1,529	15.4%	1,559	1,260	NM	151	NM	9	112	109
Wyoming	145	146	-1.2%	NM	NM	NM	NM	0	0	133	139
Pacific Contiguous	34,610	33,078	4.6%	11,514	11,378	19,428	18,224	459	429	3,209	3,046
California	28,369	26,808	5.8%	7,851	8,124	16,908	15,271	448	418	3,163	2,994
Oregon	3,529	4,201	-16.0%	1,356	1,464	2,135	2,693	NM	NM	NM	33
Washington	2,713	2,069	31.1%	2,307	1,789	386	260	NM	NM	16	19
Pacific Noncontiguous	825	929	-11.3%	816	920	0	0	NM	NM	NM	NM
Alaska	825	929	-11.3%	816	920	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	242,982	252,166	-3.6%	102,945	106,756	117,263	121,901	1,594	1,577	21,180	21,932

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	53	68	-23.2%	0	0	0	0	0	0	53	68
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	41	53	-23.3%	0	0	0	0	0	0	41	53
East North Central	345	335	3.0%	7	8	107	58	0	0	232	270
Illinois	NM	28	NM	0	0	1	0	0	0	NM	NM
Indiana	160	186	-13.9%	0	0	0	0	0	0	160	186
Michigan	82	36	125.8%	7	8	75	28	0	0	0	0
Ohio	80	86	-6.7%	0	0	NM	29	0	0	NM	57
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	12	7	70.8%	0	0	0	0	0	0	12	7
Delaware	9	5	102.4%	0	0	0	0	0	0	9	5
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	145.2%	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	6.1%	0	0	0	0	0	0	3	2
East South Central	14	5	203.7%	0	0	0	0	0	0	14	5
Alabama	13	4	262.2%	0	0	0	0	0	0	13	4
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	1	1	-5.8%	0	0	0	0	0	0	1	1
West South Central	291	358	-18.8%	0	0	124	130	0	0	166	228
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	149	191	-21.9%	0	0	59	53	0	0	89	138
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	142	167	-15.2%	0	0	65	77	0	0	77	90
Mountain	33	29	11.4%	0	0	0	0	0	0	33	29
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	-100.0%	0	0	0	0	0	0	0	0
Nevada	0	0	-98.5%	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	0	0	0	0	NM	NM
Wyoming	32	29	12.8%	0	0	0	0	0	0	32	29
Pacific Contiguous	92	179	-48.4%	0	0	2	25	0	0	90	154
California	90	154	-41.5%	0	0	0	0	0	0	90	154
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	2	25	-90.8%	0	0	2	25	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	0	0	0	0	NM	NM
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	NM	NM	NM	0	0	0	0	0	0	NM	NM
U.S. Total	845	989	-14.5%	7	8	233	213	0	0	605	769

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

Table 1.11.B. Net Generation from Other Gases

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	159	200	-20.6%	0	0	0	0	0	0	159	200
New Jersey	35	43	-18.8%	0	0	0	0	0	0	35	43
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	124	157	-21.1%	0	0	0	0	0	0	124	157
East North Central	974	979	-0.5%	26	8	282	161	0	0	667	811
Illinois	66	81	-19.1%	0	0	1	3	0	0	64	78
Indiana	466	571	-18.2%	0	0	0	0	0	0	466	571
Michigan	227	84	171.5%	26	8	201	76	0	0	0	0
Ohio	215	244	-11.8%	0	0	79	82	0	0	136	163
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	40	27	47.8%	0	0	0	0	0	0	40	27
Delaware	32	20	65.3%	0	0	0	0	0	0	32	20
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1	1	-23.4%	0	0	0	0	0	0	1	1
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	7	7	8.3%	0	0	0	0	0	0	7	7
East South Central	48	31	56.6%	0	0	0	0	0	0	48	31
Alabama	45	28	61.1%	0	0	0	0	0	0	45	28
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	3	3	15.5%	0	0	0	0	0	0	3	3
West South Central	863	1,032	-16.4%	0	0	407	409	0	0	456	622
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	419	448	-6.4%	0	0	193	96	0	0	227	353
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	443	583	-24.0%	0	0	214	314	0	0	229	270
Mountain	97	84	15.0%	0	0	1	1	0	0	96	83
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	-74.0%	0	0	0	0	0	0	0	0
Nevada	1	1	5.2%	0	0	1	1	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	0	0	0	0	NM	NM
Wyoming	95	82	16.1%	0	0	0	0	0	0	95	82
Pacific Contiguous	353	487	-27.6%	0	0	69	83	0	0	284	404
California	284	404	-29.8%	0	0	0	0	0	0	284	404
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	69	83	-16.6%	0	0	69	83	0	0	0	0
Pacific Noncontiguous	NM	12	NM	0	0	0	0	0	0	NM	12
Alaska	NM	NM	NM	0	0	0	0	0	0	NM	NM
Hawaii	NM	11	NM	0	0	0	0	0	0	NM	11
U.S. Total	2,552	2,864	-10.9%	26	8	759	654	0	0	1,767	2,202

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

Table 1.12.A. Net Generation from Nuclear Energy
by State, by Sector, March 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	3,454	3,077	12.3%	0	0	3,454	3,077	0	0	0	0
Connecticut	1,565	1,568	-0.2%	0	0	1,565	1,568	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	502	470	6.9%	0	0	502	470	0	0	0	0
New Hampshire	924	928	-0.4%	0	0	924	928	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	463	111	317.4%	0	0	463	111	0	0	0	0
Middle Atlantic	12,019	13,513	-11.1%	0	0	12,019	13,513	0	0	0	0
New Jersey	3,135	3,130	0.2%	0	0	3,135	3,130	0	0	0	0
New York	3,010	3,184	-5.5%	0	0	3,010	3,184	0	0	0	0
Pennsylvania	5,874	7,200	-18.4%	0	0	5,874	7,200	0	0	0	0
East North Central	11,385	12,939	-12.0%	1,623	2,019	9,763	10,920	0	0	0	0
Illinois	7,931	8,062	-1.6%	0	0	7,931	8,062	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	1,902	2,621	-27.4%	1,623	2,019	279	601	0	0	0	0
Ohio	905	1,144	-20.9%	0	0	905	1,144	0	0	0	0
Wisconsin	648	1,112	-41.7%	0	0	648	1,112	0	0	0	0
West North Central	3,695	2,752	34.3%	3,241	2,293	454	459	0	0	0	0
Iowa	454	459	-1.0%	0	0	454	459	0	0	0	0
Kansas	185	-8	NM	185	-8	0	0	0	0	0	0
Minnesota	1,263	822	53.7%	1,263	822	0	0	0	0	0	0
Missouri	920	894	2.9%	920	894	0	0	0	0	0	0
Nebraska	873	585	49.3%	873	585	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	15,135	14,280	6.0%	14,250	13,496	885	785	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	1,691	1,329	27.2%	1,691	1,329	0	0	0	0	0	0
Georgia	2,465	1,940	27.1%	2,465	1,940	0	0	0	0	0	0
Maryland	885	785	12.8%	0	0	885	785	0	0	0	0
North Carolina	2,869	2,682	7.0%	2,869	2,682	0	0	0	0	0	0
South Carolina	4,541	4,787	-5.1%	4,541	4,787	0	0	0	0	0	0
Virginia	2,684	2,758	-2.7%	2,684	2,758	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	5,746	6,661	-13.7%	5,746	6,661	0	0	0	0	0	0
Alabama	3,256	2,987	9.0%	3,256	2,987	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	138	1,070	-87.1%	138	1,070	0	0	0	0	0	0
Tennessee	2,352	2,605	-9.7%	2,352	2,605	0	0	0	0	0	0
West South Central	6,198	5,012	23.7%	2,988	2,244	3,210	2,769	0	0	0	0
Arkansas	1,387	1,148	20.8%	1,387	1,148	0	0	0	0	0	0
Louisiana	1,602	1,096	46.2%	1,602	1,096	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,210	2,769	15.9%	0	0	3,210	2,769	0	0	0	0
Mountain	2,967	2,897	2.4%	2,967	2,897	0	0	0	0	0	0
Arizona	2,967	2,897	2.4%	2,967	2,897	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,796	1,816	-1.1%	1,796	1,816	0	0	0	0	0	0
California	960	996	-3.6%	960	996	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	836	821	1.9%	836	821	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	62,397	62,947	-0.9%	32,612	31,426	29,785	31,522	0	0	0	0

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

Table 1.12.B. Net Generation from Nuclear Energy

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	9,964	9,335	6.7%	0	0	9,964	9,335	0	0	0	0
Connecticut	4,483	4,557	-1.6%	0	0	4,483	4,557	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	1,470	1,137	29.3%	0	0	1,470	1,137	0	0	0	0
New Hampshire	2,690	2,695	-0.2%	0	0	2,690	2,695	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	1,321	946	39.6%	0	0	1,321	946	0	0	0	0
Middle Atlantic	38,810	41,171	-5.7%	0	0	38,810	41,171	0	0	0	0
New Jersey	9,011	9,122	-1.2%	0	0	9,011	9,122	0	0	0	0
New York	10,409	10,787	-3.5%	0	0	10,409	10,787	0	0	0	0
Pennsylvania	19,390	21,263	-8.8%	0	0	19,390	21,263	0	0	0	0
East North Central	36,151	39,550	-8.6%	5,710	6,191	30,442	33,358	0	0	0	0
Illinois	24,117	24,144	-0.1%	0	0	24,117	24,144	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	6,341	7,801	-18.7%	5,710	6,191	632	1,609	0	0	0	0
Ohio	3,343	3,990	-16.2%	0	0	3,343	3,990	0	0	0	0
Wisconsin	2,349	3,615	-35.0%	0	0	2,349	3,615	0	0	0	0
West North Central	11,817	9,754	21.2%	10,501	8,430	1,316	1,324	0	0	0	0
Iowa	1,316	1,324	-0.6%	0	0	1,316	1,324	0	0	0	0
Kansas	1,902	966	96.8%	1,902	966	0	0	0	0	0	0
Minnesota	3,278	3,120	5.1%	3,278	3,120	0	0	0	0	0	0
Missouri	2,678	2,650	1.1%	2,678	2,650	0	0	0	0	0	0
Nebraska	2,643	1,694	56.1%	2,643	1,694	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	49,507	47,116	5.1%	46,570	44,055	2,937	3,061	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	6,879	5,045	36.4%	6,879	5,045	0	0	0	0	0	0
Georgia	7,705	6,953	10.8%	7,705	6,953	0	0	0	0	0	0
Maryland	2,937	3,061	-4.0%	0	0	2,937	3,061	0	0	0	0
North Carolina	10,061	9,830	2.4%	10,061	9,830	0	0	0	0	0	0
South Carolina	14,035	14,301	-1.9%	14,035	14,301	0	0	0	0	0	0
Virginia	7,891	7,926	-0.4%	7,891	7,926	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	18,692	19,330	-3.3%	18,692	19,330	0	0	0	0	0	0
Alabama	10,062	9,817	2.5%	10,062	9,817	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	1,339	2,336	-42.7%	1,339	2,336	0	0	0	0	0	0
Tennessee	7,291	7,177	1.6%	7,291	7,177	0	0	0	0	0	0
West South Central	18,750	15,262	22.9%	8,417	6,993	10,334	8,270	0	0	0	0
Arkansas	3,769	3,792	-0.6%	3,769	3,792	0	0	0	0	0	0
Louisiana	4,647	3,200	45.2%	4,647	3,200	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	10,334	8,270	25.0%	0	0	10,334	8,270	0	0	0	0
Mountain	8,630	8,441	2.2%	8,630	8,441	0	0	0	0	0	0
Arizona	8,630	8,441	2.2%	8,630	8,441	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	5,778	5,878	-1.7%	5,778	5,878	0	0	0	0	0	0
California	3,356	3,461	-3.0%	3,356	3,461	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	2,421	2,417	0.2%	2,421	2,417	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	198,100	195,837	1.2%	104,297	99,318	93,803	96,519	0	0	0	0

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	607	755	-19.5%	87	107	488	597	NM	NM	31	50
Connecticut	NM	35	NM	NM	NM	NM	32	0	0	0	0
Maine	296	372	-20.5%	0	0	268	326	0	0	28	46
Massachusetts	85	102	-16.4%	NM	NM	61	74	NM	NM	NM	NM
New Hampshire	91	126	-27.7%	26	36	65	89	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	103	119	-13.3%	35	41	66	76	0	0	NM	NM
Middle Atlantic	2,449	2,444	0.2%	1,928	1,899	516	538	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	2,140	2,187	-2.2%	1,794	1,771	340	409	NM	NM	NM	NM
Pennsylvania	307	254	20.8%	134	128	174	127	0	0	0	0
East North Central	340	259	31.4%	303	231	NM	NM	NM	NM	NM	NM
Illinois	NM	NM	NM	NM	NM	9	NM	NM	NM	0	0
Indiana	30	30	0.7%	30	30	0	0	0	0	0	0
Michigan	116	80	45.8%	106	71	NM	NM	0	0	NM	NM
Ohio	31	36	-13.7%	31	36	0	0	0	0	0	0
Wisconsin	149	100	49.2%	131	88	NM	NM	0	NM	NM	NM
West North Central	788	753	4.7%	764	738	NM	NM	0	0	NM	NM
Iowa	NM	44	NM	NM	44	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	NM	NM	NM	NM	NM	NM	NM	0	0	NM	NM
Missouri	62	107	-42.2%	62	107	0	0	0	0	0	0
Nebraska	118	79	49.3%	118	79	0	0	0	0	0	0
North Dakota	148	153	-3.6%	148	153	0	0	0	0	0	0
South Dakota	350	341	2.6%	350	341	0	0	0	0	0	0
South Atlantic	1,394	1,466	-4.9%	1,034	1,047	260	271	NM	NM	99	146
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	NM	NM	NM	NM	0	0	0	0	0	0
Georgia	246	254	-3.3%	243	251	NM	NM	0	0	NM	NM
Maryland	198	202	-2.1%	0	0	198	202	0	0	0	0
North Carolina	408	507	-19.4%	366	435	NM	NM	NM	NM	37	66
South Carolina	261	199	31.6%	256	192	NM	NM	NM	NM	0	0
Virginia	119	111	7.3%	112	103	NM	NM	0	0	NM	NM
West Virginia	146	176	-16.9%	42	49	46	51	0	0	59	76
East South Central	1,846	2,489	-25.8%	1,801	2,407	NM	NM	0	0	44	80
Alabama	881	1,181	-25.4%	881	1,181	0	0	0	0	0	0
Kentucky	253	323	-21.7%	252	322	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	712	984	-27.6%	668	904	0	0	0	0	44	80
West South Central	556	492	13.0%	443	376	113	115	0	0	0	0
Arkansas	238	173	37.6%	234	168	NM	NM	0	0	0	0
Louisiana	105	107	-1.4%	0	0	105	107	0	0	0	0
Oklahoma	122	126	-2.7%	122	126	0	0	0	0	0	0
Texas	90	86	4.3%	87	82	NM	NM	0	0	0	0
Mountain	3,157	2,181	44.8%	2,784	1,893	372	288	NM	0	0	0
Arizona	528	519	1.7%	528	519	0	0	0	0	0	0
Colorado	183	126	45.4%	166	116	NM	NM	NM	0	0	0
Idaho	1,138	583	95.4%	1,075	546	NM	37	0	0	0	0
Montana	880	551	59.5%	595	315	285	237	0	0	0	0
Nevada	289	303	-4.8%	283	300	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	NM	50	NM	NM	50	NM	NM	0	0	0	0
Wyoming	43	33	31.4%	42	32	NM	NM	0	0	0	0
Pacific Contiguous	12,962	9,706	33.5%	12,872	9,588	89	117	NM	NM	NM	NM
California	978	1,846	-47.0%	943	1,770	NM	75	NM	NM	0	0
Oregon	4,327	2,735	58.2%	4,299	2,714	NM	NM	0	0	0	0
Washington	7,656	5,126	49.4%	7,630	5,104	NM	NM	0	0	NM	NM
Pacific Noncontiguous	144	111	30.3%	136	106	3	1	0	0	NM	NM
Alaska	134	104	28.2%	134	104	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	3	1	0	0	NM	NM
U.S. Total	24,243	20,654	17.4%	22,152	18,392	1,882	1,960	NM	NM	205	298

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

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	2,027	2,237	-9.4%	285	313	1,635	1,783	NM	NM	106	139
Connecticut	105	107	-2.6%	NM	NM	96	98	0	0	0	0
Maine	973	1,106	-12.0%	0	0	877	977	0	0	96	128
Massachusetts	282	298	-5.3%	78	82	200	213	NM	NM	NM	NM
New Hampshire	329	364	-9.5%	82	99	245	263	0	0	NM	NM
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	337	360	-6.5%	116	123	214	229	0	0	NM	NM
Middle Atlantic	7,060	7,141	-1.1%	5,393	5,491	1,648	1,629	NM	NM	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	6,243	6,365	-1.9%	5,072	5,116	1,152	1,228	NM	NM	NM	NM
Pennsylvania	809	769	5.2%	320	375	489	394	0	0	0	0
East North Central	790	817	-3.3%	703	731	55	55	NM	NM	NM	NM
Illinois	37	37	2.2%	NM	NM	22	20	NM	NM	0	0
Indiana	81	96	-15.6%	81	96	0	0	0	0	0	0
Michigan	261	256	2.1%	237	230	NM	NM	0	0	NM	NM
Ohio	79	115	-30.9%	79	115	0	0	0	0	0	0
Wisconsin	331	314	5.5%	291	274	NM	NM	NM	NM	NM	NM
West North Central	2,082	2,053	1.4%	2,026	2,003	NM	36	0	0	NM	NM
Iowa	157	159	-1.1%	156	157	NM	NM	0	0	0	0
Kansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Minnesota	94	87	7.2%	NM	44	NM	NM	0	0	NM	NM
Missouri	211	164	28.4%	211	164	0	0	0	0	0	0
Nebraska	270	265	1.7%	270	265	0	0	0	0	0	0
North Dakota	451	515	-12.5%	451	515	0	0	0	0	0	0
South Dakota	893	858	4.1%	893	858	0	0	0	0	0	0
South Atlantic	4,873	4,639	5.0%	3,798	3,404	685	779	NM	NM	386	451
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	50	52	-3.1%	50	52	0	0	0	0	0	0
Georgia	959	774	24.0%	950	764	NM	NM	0	0	NM	NM
Maryland	508	582	-12.7%	0	0	508	582	0	0	0	0
North Carolina	1,613	1,800	-10.4%	1,389	1,538	NM	NM	NM	NM	207	245
South Carolina	897	597	50.4%	878	578	NM	NM	NM	NM	0	0
Virginia	420	350	20.0%	397	326	NM	NM	0	0	NM	NM
West Virginia	425	484	-12.2%	133	147	123	142	0	0	169	195
East South Central	7,102	8,131	-12.7%	6,870	7,832	NM	NM	0	0	229	296
Alabama	3,382	3,941	-14.2%	3,382	3,941	0	0	0	0	0	0
Kentucky	935	933	0.1%	932	931	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	2,785	3,256	-14.5%	2,555	2,960	0	0	0	0	229	296
West South Central	1,665	1,375	21.1%	1,348	1,052	317	323	0	0	0	0
Arkansas	714	468	52.6%	700	453	NM	NM	0	0	0	0
Louisiana	292	297	-1.7%	0	0	292	297	0	0	0	0
Oklahoma	363	298	21.9%	363	298	0	0	0	0	0	0
Texas	296	312	-5.3%	285	301	NM	NM	0	0	0	0
Mountain	7,196	6,764	6.4%	6,245	5,812	950	953	NM	0	0	0
Arizona	1,472	1,554	-5.3%	1,472	1,554	0	0	0	0	0	0
Colorado	445	379	17.5%	402	348	NM	NM	NM	0	0	0
Idaho	2,229	1,949	14.4%	2,100	1,832	129	117	0	0	0	0
Montana	2,080	1,996	4.2%	1,318	1,207	763	789	0	0	0	0
Nevada	661	592	11.5%	648	580	NM	NM	0	0	0	0
New Mexico	NM	46	NM	NM	46	0	0	0	0	0	0
Utah	165	158	4.3%	163	156	NM	NM	0	0	0	0
Wyoming	96	90	6.6%	94	88	NM	NM	0	0	0	0
Pacific Contiguous	30,103	32,747	-8.1%	29,881	32,402	221	345	NM	NM	NM	NM
California	2,565	5,162	-50.3%	2,470	4,946	94	215	NM	NM	0	0
Oregon	9,590	9,161	4.7%	9,522	9,095	67	67	0	0	0	0
Washington	17,948	18,424	-2.6%	17,889	18,361	59	63	0	0	NM	NM
Pacific Noncontiguous	392	376	4.3%	376	357	3	7	0	0	NM	NM
Alaska	371	351	5.6%	371	351	0	0	0	0	0	0
Hawaii	NM	NM	NM	NM	NM	3	7	0	0	NM	NM
U.S. Total	63,289	66,279	-4.5%	56,925	59,396	5,557	5,913	NM	NM	797	961

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

Table 1.14.A. Net Generation from Renewable Sources Excluding Hydroelectric by State, by Sector, March 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	928	869	6.9%	93	82	630	575	16	14	189	198
Connecticut	72	59	21.8%	0	0	72	59	0	0	0	0
Maine	408	400	1.9%	0	0	262	245	10	9	136	146
Massachusetts	191	182	4.9%	7	6	127	123	NM	NM	54	52
New Hampshire	170	152	12.1%	34	32	134	117	NM	NM	0	0
Rhode Island	9	8	10.6%	0	0	9	8	0	0	0	0
Vermont	78	68	16.1%	52	44	26	23	NM	NM	0	0
Middle Atlantic	1,348	1,212	11.2%	5	NM	1,214	1,098	52	55	77	55
New Jersey	127	129	-1.4%	5	NM	102	102	20	22	NM	NM
New York	608	493	23.4%	0	0	562	449	20	21	26	23
Pennsylvania	613	591	3.7%	0	0	550	547	12	11	51	32
East North Central	2,574	2,325	10.7%	235	209	2,177	1,944	14	16	149	157
Illinois	1,138	1,059	7.5%	NM	NM	1,137	1,058	0	NM	0	0
Indiana	356	363	-1.9%	19	24	333	335	NM	NM	NM	NM
Michigan	605	447	35.4%	87	82	446	285	11	12	61	68
Ohio	165	178	-7.7%	NM	NM	129	147	NM	NM	32	28
Wisconsin	310	278	11.5%	123	99	131	119	NM	NM	55	59
West North Central	5,097	4,020	26.8%	1,571	1,302	3,465	2,652	12	8	49	59
Iowa	1,743	1,427	22.2%	982	807	756	617	NM	NM	3	1
Kansas	1,122	794	41.3%	97	73	1,026	722	0	0	0	0
Minnesota	1,049	852	23.2%	228	196	772	595	NM	NM	45	57
Missouri	137	124	10.7%	3	3	129	120	4	0	NM	NM
Nebraska	217	165	31.7%	23	23	192	140	NM	NM	0	0
North Dakota	556	428	29.9%	173	146	383	281	0	0	NM	NM
South Dakota	272	230	17.9%	65	54	206	176	0	0	0	0
South Atlantic	1,785	1,547	15.4%	169	95	765	660	35	31	817	760
Delaware	11	10	10.1%	NM	0	10	10	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	442	401	10.3%	25	23	247	202	NM	NM	167	172
Georgia	335	269	24.5%	0	0	54	20	NM	NM	278	247
Maryland	97	88	10.5%	NM	NM	76	69	NM	NM	16	13
North Carolina	248	254	-2.6%	NM	NM	132	133	7	NM	109	120
South Carolina	179	161	11.0%	39	40	NM	NM	0	0	137	120
Virginia	299	189	58.2%	102	31	69	50	18	19	110	89
West Virginia	175	175	0.0%	0	0	175	175	0	0	0	0
East South Central	503	518	-2.9%	8	8	22	23	NM	NM	473	487
Alabama	235	267	-12.0%	NM	NM	13	14	0	0	222	253
Kentucky	45	30	48.7%	8	8	0	0	0	0	37	22
Mississippi	144	134	7.2%	0	0	0	0	0	0	144	134
Tennessee	80	87	-8.0%	0	0	9	9	NM	NM	70	78
West South Central	5,416	5,277	2.6%	187	171	4,801	4,648	NM	NM	425	454
Arkansas	134	134	-0.3%	0	0	8	9	NM	NM	125	125
Louisiana	202	220	-8.4%	0	0	5	5	0	0	197	215
Oklahoma	1,206	967	24.6%	160	145	1,019	793	0	0	26	29
Texas	3,876	3,955	-2.0%	27	26	3,769	3,841	NM	NM	76	85
Mountain	2,842	2,442	16.4%	339	268	2,462	2,132	8	NM	33	34
Arizona	319	209	52.1%	31	22	286	185	NM	NM	0	0
Colorado	717	719	-0.4%	18	8	695	708	NM	NM	NM	NM
Idaho	349	294	18.5%	17	12	299	248	0	0	32	34
Montana	180	140	28.3%	22	8	158	132	0	0	0	0
Nevada	358	331	8.2%	0	0	355	327	NM	NM	NM	NM
New Mexico	290	269	8.0%	8	NM	282	263	NM	NM	0	0
Utah	122	74	65.2%	25	21	97	53	0	0	0	0
Wyoming	507	406	25.1%	217	190	291	215	0	0	0	0
Pacific Contiguous	5,101	4,512	13.1%	735	652	4,062	3,530	95	98	210	231
California	3,475	3,039	14.4%	222	184	3,100	2,691	93	96	60	68
Oregon	743	666	11.6%	107	108	587	505	NM	NM	46	51
Washington	884	807	9.5%	406	360	375	335	0	0	103	112
Pacific Noncontiguous	118	92	27.6%	11	9	83	58	15	16	8	9
Alaska	17	13	25.1%	11	8	NM	NM	0	0	0	NM
Hawaii	101	79	28.0%	0	1	78	53	15	16	8	9
U.S. Total	25,713	22,814	12.7%	3,353	2,801	19,680	17,319	250	249	2,430	2,445

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

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	2,624	2,482	5.7%	267	233	1,777	1,627	45	38	536	584
Connecticut	193	158	22.6%	0	0	193	158	0	0	0	0
Maine	1,171	1,176	-0.4%	0	0	763	709	28	26	380	441
Massachusetts	525	489	7.5%	20	19	342	323	NM	NM	155	143
New Hampshire	487	449	8.3%	100	99	379	343	8	NM	0	0
Rhode Island	25	23	7.6%	0	0	25	23	0	0	0	0
Vermont	223	188	18.5%	147	116	75	72	NM	NM	0	0
Middle Atlantic	3,841	3,501	9.7%	9	NM	3,478	3,162	138	147	216	181
New Jersey	329	331	-0.5%	9	NM	268	264	52	57	NM	NM
New York	1,790	1,520	17.8%	0	0	1,660	1,393	58	60	72	67
Pennsylvania	1,722	1,650	4.4%	0	0	1,550	1,505	28	30	144	114
East North Central	7,793	7,086	10.0%	755	686	6,562	5,914	45	38	430	448
Illinois	3,431	3,163	8.5%	NM	NM	3,426	3,158	NM	NM	0	0
Indiana	1,074	1,139	-5.7%	53	67	1,011	1,062	5	NM	NM	NM
Michigan	1,828	1,343	36.1%	279	257	1,328	867	35	27	186	191
Ohio	503	545	-7.8%	9	9	405	451	NM	NM	87	84
Wisconsin	957	896	6.8%	410	349	391	375	NM	NM	152	168
West North Central	14,795	12,313	20.2%	4,532	4,004	10,097	8,136	33	23	133	150
Iowa	4,941	4,492	10.0%	2,714	2,544	2,213	1,940	7	NM	7	1
Kansas	2,868	2,218	29.3%	241	180	2,628	2,038	0	0	0	0
Minnesota	3,209	2,632	21.9%	698	593	2,375	1,881	12	11	123	145
Missouri	377	375	0.6%	9	10	356	364	10	0	NM	NM
Nebraska	622	470	32.3%	71	70	547	396	NM	NM	0	0
North Dakota	1,929	1,424	35.5%	601	450	1,326	972	0	0	NM	NM
South Dakota	850	704	20.8%	198	158	652	546	0	0	0	0
South Atlantic	5,153	4,558	13.1%	444	272	2,207	1,892	96	83	2,406	2,311
Delaware	27	25	5.5%	NM	0	24	24	NM	NM	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,251	1,153	8.5%	63	58	694	569	9	NM	485	516
Georgia	987	809	22.0%	0	0	161	56	8	NM	818	745
Maryland	255	255	0.0%	NM	NM	200	204	11	11	42	38
North Carolina	730	720	1.5%	NM	NM	408	368	16	NM	306	349
South Carolina	541	491	10.1%	110	108	6	5	0	0	426	379
Virginia	866	599	44.6%	266	103	220	162	51	52	329	283
West Virginia	495	505	-1.9%	0	0	495	505	0	0	0	0
East South Central	1,513	1,528	-1.0%	23	23	77	72	NM	NM	1,413	1,433
Alabama	741	814	-8.9%	NM	NM	48	47	0	0	692	766
Kentucky	127	85	50.2%	22	22	0	0	0	0	105	62
Mississippi	390	364	7.2%	1	0	0	0	0	0	389	363
Tennessee	255	266	-4.1%	0	0	29	24	NM	NM	226	241
West South Central	14,821	13,532	9.5%	521	461	13,031	11,704	11	11	1,258	1,356
Arkansas	385	422	-8.9%	0	0	23	24	NM	NM	360	397
Louisiana	616	645	-4.4%	0	0	14	14	0	0	602	630
Oklahoma	3,169	2,611	21.4%	443	382	2,647	2,144	0	0	79	85
Texas	10,651	9,854	8.1%	78	79	10,346	9,521	10	NM	217	245
Mountain	8,153	7,257	12.3%	1,012	857	7,032	6,287	16	17	94	96
Arizona	770	519	48.4%	69	47	696	467	NM	NM	0	0
Colorado	2,120	2,144	-1.1%	55	25	2,059	2,114	NM	NM	NM	NM
Idaho	994	826	20.3%	49	32	852	699	0	0	92	94
Montana	611	530	15.3%	75	28	536	502	0	0	0	0
Nevada	986	936	5.3%	0	0	980	929	NM	NM	NM	NM
New Mexico	780	720	8.3%	17	NM	762	708	NM	NM	0	0
Utah	318	195	62.9%	74	67	245	128	0	0	0	0
Wyoming	1,575	1,387	13.6%	673	646	901	740	0	0	0	0
Pacific Contiguous	12,811	11,972	7.0%	1,787	1,781	10,144	9,248	270	276	609	667
California	8,728	7,760	12.5%	532	464	7,752	6,824	265	270	179	201
Oregon	1,934	1,940	-0.3%	279	304	1,514	1,486	5	NM	136	145
Washington	2,149	2,272	-5.4%	976	1,012	879	939	0	0	294	321
Pacific Noncontiguous	317	300	5.7%	37	32	209	196	45	44	25	28
Alaska	49	40	20.8%	33	25	16	14	0	0	0	NM
Hawaii	268	259	3.4%	5	7	192	181	45	44	25	27
U.S. Total	71,822	64,528	11.3%	9,389	8,359	54,613	48,239	701	677	7,119	7,253

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

Table 1.15.A. Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, March 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	-38	1	NM	0	0	-38	1	0	0	0	0
Connecticut	-5	-10	-43.5%	0	0	-5	-10	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-33	10	-419.7%	0	0	-33	10	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	-77	-92	-17.1%	-49	-44	-28	-48	0	0	0	0
New Jersey	-18	-17	4.1%	-18	-17	0	0	0	0	0	0
New York	-30	-27	12.7%	-30	-27	0	0	0	0	0	0
Pennsylvania	-28	-48	-41.5%	0	0	-28	-48	0	0	0	0
East North Central	-59	-71	-16.6%	-59	-71	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	-59	-71	-16.6%	-59	-71	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	-8	34	-124.5%	-8	34	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	-8	34	-124.5%	-8	34	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	-155	-209	-25.9%	-155	-209	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	-19	-42	-55.9%	-19	-42	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	-29	-55	-46.5%	-29	-55	0	0	0	0	0	0
Virginia	-107	-112	-4.4%	-107	-112	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-34	-13	164.8%	-34	-13	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	-34	-13	164.8%	-34	-13	0	0	0	0	0	0
West South Central	-2	-3	-43.4%	-2	-3	0	0	0	0	0	0
Arkansas	7	1	556.0%	7	1	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-9	-4	120.8%	-9	-4	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-6	-30	-80.1%	-6	-30	0	0	0	0	0	0
Arizona	-6	-1	429.9%	-6	-1	0	0	0	0	0	0
Colorado	0	-29	-98.6%	0	-29	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	-19	-26	-25.8%	-19	-26	0	0	0	0	0	0
California	-19	-26	-29.0%	-19	-26	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	-1	0	-390.0%	-1	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-398	-409	-2.7%	-331	-362	-66	-47	0	0	0	0

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

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	-111	-23	390.8%	0	0	-111	-23	0	0	0	0
Connecticut	-3	-6	-38.6%	0	0	-3	-6	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-107	-17	530.9%	0	0	-107	-17	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	-247	-255	-3.2%	-135	-154	-112	-102	0	0	0	0
New Jersey	-59	-43	37.4%	-59	-43	0	0	0	0	0	0
New York	-76	-111	-31.4%	-76	-111	0	0	0	0	0	0
Pennsylvania	-112	-102	10.3%	0	0	-112	-102	0	0	0	0
East North Central	-166	-169	-1.3%	-166	-169	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	-166	-169	-1.3%	-166	-169	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	-2	27	-105.9%	-2	27	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	-2	27	-105.9%	-2	27	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	-419	-592	-29.3%	-419	-592	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	-23	-153	-84.9%	-23	-153	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	-136	-133	2.0%	-136	-133	0	0	0	0	0	0
Virginia	-260	-307	-15.1%	-260	-307	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-54	-21	161.3%	-54	-21	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	-54	-21	161.3%	-54	-21	0	0	0	0	0	0
West South Central	-8	-21	-58.8%	-8	-21	0	0	0	0	0	0
Arkansas	18	2	663.8%	18	2	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-27	-23	16.1%	-27	-23	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-38	-68	-43.9%	-38	-68	0	0	0	0	0	0
Arizona	-8	-1	NM	-8	-1	0	0	0	0	0	0
Colorado	-30	-68	-55.3%	-30	-68	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	-35	-51	-31.1%	-35	-51	0	0	0	0	0	0
California	-33	-58	-42.2%	-33	-58	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	-2	7	-124.7%	-2	7	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	-1,080	-1,171	-7.8%	-858	-1,047	-223	-124	0	0	0	0

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	169	180	-6.0%	0	0	152	162	8	8	9	10
Connecticut	54	64	-14.9%	0	0	54	64	0	0	0	0
Maine	30	30	2.3%	0	0	15	14	8	8	NM	8
Massachusetts	79	80	-2.0%	0	0	77	79	0	0	2	2
New Hampshire	5	6	-6.2%	0	0	5	6	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	196	204	-3.6%	0	0	156	162	40	42	0	0
New Jersey	41	45	-10.6%	0	0	28	32	12	13	0	0
New York	83	80	3.6%	0	0	64	61	19	19	0	0
Pennsylvania	73	78	-7.0%	0	0	63	69	10	9	0	0
East North Central	86	107	-20.0%	15	17	14	14	11	13	45	63
Illinois	20	22	-7.3%	0	0	0	0	0	0	20	22
Indiana	32	47	-31.0%	12	11	0	0	NM	NM	19	35
Michigan	28	29	-3.4%	2	3	14	14	10	11	2	1
Ohio	1	1	-49.2%	0	0	0	0	0	0	1	1
Wisconsin	4	7	-47.8%	1	4	0	0	0	0	NM	4
West North Central	40	39	1.8%	21	19	12	13	NM	NM	NM	5
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	33	33	0.6%	14	13	12	13	NM	NM	NM	5
Missouri	2	1	92.5%	2	1	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	5	NM	NM	5	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	328	330	-0.6%	0	0	182	178	16	17	130	134
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	244	256	-4.5%	0	0	126	130	0	0	118	126
Georgia	8	5	49.9%	0	0	0	0	0	0	8	5
Maryland	26	24	10.6%	0	0	26	24	NM	NM	0	0
North Carolina	12	13	-8.4%	0	0	12	13	0	0	0	0
South Carolina	4	3	12.2%	0	0	0	0	0	0	4	3
Virginia	34	29	17.5%	0	0	18	12	16	17	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	2	-95.2%	0	1	0	0	0	0	0	1
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	0	1	-100.0%	0	1	0	0	0	0	0	0
Mississippi	0	0	-100.0%	0	0	0	0	0	0	0	0
Tennessee	0	0	14.6%	0	0	0	0	0	0	0	0
West South Central	58	70	-17.5%	0	0	0	0	0	0	58	70
Arkansas	1	2	-49.6%	0	0	0	0	0	0	1	2
Louisiana	24	31	-22.3%	0	0	0	0	0	0	24	31
Oklahoma	NM	NM	NM	0	0	0	0	0	0	NM	NM
Texas	31	35	-11.7%	0	0	0	0	0	0	31	35
Mountain	50	55	-10.1%	NM	1	27	34	0	0	21	20
Arizona	0	1	-100.0%	0	0	0	1	0	0	0	0
Colorado	NM	5	NM	0	0	NM	NM	0	0	NM	4
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	25	31	-19.8%	0	0	25	31	0	0	0	0
Nevada	NM	1	NM	NM	1	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	18	17	10.4%	0	0	NM	NM	0	0	18	16
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	59	52	14.3%	0	0	23	24	0	0	36	28
California	43	35	21.8%	0	0	14	14	0	0	29	21
Oregon	NM	4	NM	0	0	NM	4	0	0	0	0
Washington	13	13	-0.2%	0	0	6	6	0	0	7	7
Pacific Noncontiguous	16	15	5.8%	0	0	1	0	15	15	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	16	15	5.8%	0	0	1	0	15	15	0	0
U.S. Total	1,001	1,054	-5.0%	37	38	567	587	93	99	304	330

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

Table 1.16.B. Net Generation from Other Energy Sources

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	456	483	-5.5%	0	0	407	431	22	24	27	28
Connecticut	148	173	-14.6%	0	0	148	173	0	0	0	0
Maine	82	88	-6.8%	0	0	41	42	22	24	20	22
Massachusetts	211	205	2.6%	0	0	203	200	0	0	7	5
New Hampshire	15	16	-3.8%	0	0	15	16	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	521	554	-6.1%	0	0	413	436	108	118	0	0
New Jersey	118	123	-4.4%	0	0	83	85	35	38	0	0
New York	218	216	0.8%	0	0	167	160	50	56	0	0
Pennsylvania	185	215	-14.1%	0	0	162	191	23	24	0	0
East North Central	221	268	-17.5%	28	40	39	38	36	30	118	160
Illinois	56	65	-14.2%	0	0	0	0	0	0	56	65
Indiana	70	110	-36.6%	22	29	0	0	NM	5	43	76
Michigan	79	71	12.0%	2	3	39	38	31	25	7	5
Ohio	3	3	-12.8%	0	0	0	0	0	0	3	3
Wisconsin	13	18	-29.1%	4	8	0	0	0	0	9	10
West North Central	104	112	-6.5%	51	55	34	36	7	8	12	13
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	87	93	-7.0%	33	36	34	36	7	8	12	13
Missouri	5	5	-2.2%	5	5	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	13	13	-5.0%	13	13	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	903	984	-8.3%	0	0	500	525	45	46	358	414
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	659	738	-10.7%	0	0	331	363	0	0	327	375
Georgia	20	15	28.7%	0	0	0	0	0	0	20	15
Maryland	70	71	-0.6%	0	0	70	70	NM	NM	0	0
North Carolina	34	37	-9.1%	0	0	34	37	0	0	0	0
South Carolina	11	23	-53.4%	0	0	0	0	0	0	11	23
Virginia	109	100	9.1%	0	0	65	54	44	46	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	NM	5	NM	0	4	0	0	0	0	NM	1
Alabama	0	0	-58.1%	0	0	0	0	0	0	0	0
Kentucky	0	4	-100.0%	0	4	0	0	0	0	0	0
Mississippi	NM	NM	NM	0	0	0	0	0	0	NM	NM
Tennessee	0	0	23.6%	0	0	0	0	0	0	0	0
West South Central	238	216	9.9%	0	0	0	0	0	0	238	216
Arkansas	3	7	-56.7%	0	0	0	0	0	0	3	7
Louisiana	139	102	35.3%	0	0	0	0	0	0	139	102
Oklahoma	5	5	-10.2%	0	0	0	0	0	0	5	5
Texas	91	101	-10.1%	0	0	0	0	0	0	91	101
Mountain	140	148	-5.6%	NM	4	83	95	0	0	53	49
Arizona	0	3	-100.0%	0	0	0	3	0	0	0	0
Colorado	12	14	-10.1%	0	0	NM	3	0	0	9	10
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	79	87	-9.0%	0	0	79	87	0	0	0	0
Nevada	NM	4	NM	NM	4	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	45	40	10.8%	0	0	NM	NM	0	0	44	39
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	171	165	3.6%	0	0	64	70	0	0	107	96
California	123	122	0.9%	0	0	37	42	0	0	85	80
Oregon	10	10	-4.2%	0	0	10	10	0	0	0	0
Washington	39	34	15.8%	0	0	17	18	0	0	22	16
Pacific Noncontiguous	46	43	7.2%	0	0	2	0	44	43	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	46	43	7.2%	0	0	2	0	44	43	0	0
U.S. Total	2,799	2,977	-6.0%	83	102	1,543	1,630	261	269	912	976

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	215	171	25.6%	24	14	188	156	NM	NM	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	119	100	19.4%	0	0	119	100	0	0	0	0
Massachusetts	21	18	21.1%	6	5	12	11	NM	NM	0	0
New Hampshire	44	35	27.0%	0	0	44	35	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	30	19	60.4%	18	9	13	10	0	0	0	0
Middle Atlantic	805	706	14.0%	0	0	804	706	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	400	313	27.8%	0	0	399	312	0	0	NM	NM
Pennsylvania	403	392	2.9%	0	0	403	392	0	0	0	0
East North Central	2,066	1,808	14.3%	194	165	1,869	1,641	NM	NM	NM	NM
Illinois	1,080	1,000	8.1%	NM	NM	1,079	998	0	0	0	0
Indiana	323	335	-3.4%	0	0	323	335	NM	NM	0	0
Michigan	381	227	67.5%	87	82	294	146	0	0	0	0
Ohio	118	113	4.5%	NM	NM	114	110	0	0	NM	NM
Wisconsin	163	133	22.8%	103	81	60	52	0	0	0	0
West North Central	4,903	3,819	28.4%	1,529	1,261	3,371	2,556	NM	NM	0	0
Iowa	1,729	1,414	22.2%	980	804	749	610	NM	NM	0	0
Kansas	1,118	789	41.6%	97	73	1,021	717	0	0	0	0
Minnesota	890	680	30.9%	194	164	693	513	NM	NM	0	0
Missouri	127	118	7.3%	0	0	127	118	0	0	0	0
Nebraska	212	159	32.9%	20	20	192	140	0	0	0	0
North Dakota	556	427	30.0%	173	146	383	281	0	0	0	0
South Dakota	272	230	17.9%	65	54	206	176	0	0	0	0
South Atlantic	211	210	0.5%	0	0	211	210	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	37	36	2.6%	0	0	37	36	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	174	174	0.0%	0	0	174	174	0	0	0	0
East South Central	5	4	13.2%	0	0	5	4	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	4	13.2%	0	0	5	4	0	0	0	0
West South Central	4,896	4,743	3.2%	187	171	4,709	4,572	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	1,179	938	25.7%	160	145	1,019	793	0	0	0	0
Texas	3,717	3,804	-2.3%	27	26	3,690	3,779	0	0	0	0
Mountain	2,081	1,823	14.1%	274	219	1,806	1,603	NM	NM	NM	NM
Arizona	44	45	-2.8%	0	0	44	45	0	0	0	0
Colorado	694	697	-0.4%	17	8	676	688	NM	NM	NM	NM
Idaho	300	240	25.0%	17	12	283	228	0	0	0	0
Montana	180	140	28.3%	22	8	158	132	0	0	0	0
Nevada	32	23	41.7%	0	0	32	23	0	0	0	0
New Mexico	251	232	8.1%	0	0	250	232	NM	NM	0	0
Utah	73	41	78.3%	0	0	73	41	0	0	0	0
Wyoming	507	406	25.1%	217	190	291	215	0	0	0	0
Pacific Contiguous	2,532	2,312	9.5%	583	488	1,949	1,824	NM	NM	NM	NM
California	1,135	1,096	3.5%	95	64	1,039	1,031	NM	NM	NM	NM
Oregon	644	567	13.6%	101	102	543	465	0	0	0	0
Washington	754	649	16.1%	387	322	367	327	0	0	0	0
Pacific Noncontiguous	65	45	43.6%	11	8	54	37	0	0	0	0
Alaska	17	13	27.3%	11	8	NM	NM	0	0	0	0
Hawaii	48	32	50.3%	0	0	48	32	0	0	0	0
U.S. Total	17,779	15,643	13.7%	2,802	2,326	14,966	13,308	8	6	NM	NM

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

Table 1.17.B. Net Generation from Wind

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	619	521	18.8%	68	47	543	471	NM	NM	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	339	295	15.0%	0	0	339	295	0	0	0	0
Massachusetts	64	54	18.5%	18	16	38	34	NM	NM	0	0
New Hampshire	129	108	20.0%	0	0	129	108	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	86	64	34.9%	50	30	36	34	0	0	0	0
Middle Atlantic	2,372	2,103	12.8%	0	0	2,370	2,100	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	NM	NM	0	0	0	0
New York	1,227	1,027	19.5%	0	0	1,224	1,024	0	0	NM	NM
Pennsylvania	1,142	1,073	6.5%	0	0	1,142	1,073	0	0	0	0
East North Central	6,343	5,629	12.7%	628	554	5,707	5,072	NM	NM	NM	NM
Illinois	3,275	3,002	9.1%	NM	NM	3,271	2,997	0	0	0	0
Indiana	990	1,062	-6.7%	0	0	990	1,061	NM	NM	0	0
Michigan	1,167	732	59.3%	279	257	888	475	0	0	0	0
Ohio	378	358	5.8%	NM	NM	366	350	0	0	NM	NM
Wisconsin	533	476	12.0%	340	288	193	188	0	0	0	0
West North Central	14,258	11,761	21.2%	4,411	3,885	9,837	7,868	9	9	0	0
Iowa	4,901	4,457	10.0%	2,707	2,537	2,193	1,920	NM	NM	0	0
Kansas	2,855	2,205	29.5%	241	180	2,615	2,025	0	0	0	0
Minnesota	2,765	2,160	28.0%	604	501	2,153	1,652	9	8	0	0
Missouri	351	359	-2.2%	0	0	351	359	0	0	0	0
Nebraska	607	455	33.5%	61	59	547	396	0	0	0	0
North Dakota	1,928	1,422	35.6%	601	450	1,326	972	0	0	0	0
South Dakota	850	704	20.8%	198	158	652	546	0	0	0	0
South Atlantic	591	612	-3.3%	0	0	590	611	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	98	109	-10.1%	0	0	98	109	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	493	502	-1.9%	0	0	493	502	0	0	0	0
East South Central	17	13	26.1%	0	0	17	13	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	17	13	26.1%	0	0	17	13	0	0	0	0
West South Central	13,302	11,962	11.2%	521	461	12,781	11,501	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	3,091	2,526	22.3%	443	382	2,647	2,144	0	0	0	0
Texas	10,212	9,436	8.2%	78	79	10,133	9,357	0	0	0	0
Mountain	6,151	5,582	10.2%	850	731	5,298	4,848	NM	NM	NM	NM
Arizona	109	121	-9.8%	0	0	109	121	0	0	0	0
Colorado	2,068	2,088	-0.9%	53	24	2,013	2,062	NM	NM	NM	NM
Idaho	852	673	26.7%	49	32	803	641	0	0	0	0
Montana	611	530	15.3%	75	28	536	502	0	0	0	0
Nevada	72	55	32.0%	0	0	72	55	0	0	0	0
New Mexico	694	635	9.2%	0	0	693	635	NM	NM	0	0
Utah	170	94	81.4%	0	0	170	94	0	0	0	0
Wyoming	1,575	1,387	13.6%	673	646	901	740	0	0	0	0
Pacific Contiguous	5,957	5,841	2.0%	1,336	1,327	4,619	4,513	NM	NM	NM	NM
California	2,569	2,362	8.8%	190	133	2,377	2,228	NM	NM	NM	NM
Oregon	1,646	1,654	-0.5%	262	288	1,383	1,367	0	0	0	0
Washington	1,743	1,825	-4.5%	884	907	858	918	0	0	0	0
Pacific Noncontiguous	159	158	0.3%	33	25	126	133	0	0	0	0
Alaska	49	40	22.9%	33	25	16	14	0	0	0	0
Hawaii	110	119	-7.3%	0	0	110	119	0	0	0	0
U.S. Total	49,769	44,182	12.6%	7,848	7,029	41,887	37,130	22	16	12	NM

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

Table 1.18.A. Net Generation from Biomass
by State, by Sector, March 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	697	689	1.2%	68	67	427	412	13	12	189	198
Connecticut	71	59	20.1%	0	0	71	59	0	0	0	0
Maine	289	301	-3.9%	0	0	143	145	10	9	136	146
Massachusetts	157	157	0.0%	0	0	103	105	0	NM	54	52
New Hampshire	126	117	7.7%	34	32	90	82	NM	NM	0	0
Rhode Island	8	8	-1.4%	0	0	8	8	0	0	0	0
Vermont	47	47	-1.6%	35	35	12	12	NM	NM	0	0
Middle Atlantic	480	452	6.2%	0	0	360	352	45	47	75	54
New Jersey	79	85	-7.0%	0	0	66	70	13	14	0	0
New York	200	175	14.5%	0	0	155	132	20	21	25	22
Pennsylvania	202	193	4.6%	0	0	140	150	12	11	50	31
East North Central	486	507	-4.2%	39	43	287	294	14	16	146	155
Illinois	52	54	-4.1%	0	0	52	54	0	NM	0	0
Indiana	23	28	-18.1%	19	24	0	0	NM	NM	NM	NM
Michigan	224	220	2.2%	0	0	153	139	11	12	61	68
Ohio	41	61	-33.3%	NM	NM	11	34	0	0	29	27
Wisconsin	147	145	1.1%	20	18	71	67	NM	NM	55	59
West North Central	193	200	-3.6%	43	41	93	96	9	NM	49	59
Iowa	15	12	17.2%	2	NM	7	7	NM	NM	3	1
Kansas	5	5	-1.9%	0	0	5	5	0	0	0	0
Minnesota	159	172	-7.5%	33	32	79	82	NM	NM	45	57
Missouri	10	5	77.2%	3	3	NM	NM	4	0	NM	NM
Nebraska	5	5	-3.2%	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	1,484	1,281	15.8%	149	78	491	414	26	29	817	760
Delaware	5	5	-0.9%	0	0	5	5	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	419	380	10.5%	9	7	241	197	NM	NM	167	172
Georgia	327	269	21.8%	0	0	47	20	NM	NM	278	247
Maryland	51	46	10.3%	0	0	32	29	NM	NM	16	13
North Carolina	203	231	-11.9%	0	0	95	111	0	0	109	120
South Carolina	178	161	10.7%	39	40	NM	NM	0	0	137	120
Virginia	299	189	58.2%	102	31	69	50	18	19	110	89
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	495	511	-3.1%	8	8	15	16	0	0	473	487
Alabama	235	267	-12.0%	NM	NM	13	14	0	0	222	253
Kentucky	45	30	48.7%	8	8	0	0	0	0	37	22
Mississippi	144	134	7.2%	0	0	0	0	0	0	144	134
Tennessee	72	80	-10.0%	0	0	NM	NM	0	0	70	78
West South Central	497	520	-4.3%	0	0	69	62	NM	NM	425	454
Arkansas	134	134	-0.3%	0	0	8	9	NM	NM	125	125
Louisiana	202	220	-8.4%	0	0	5	5	0	0	197	215
Oklahoma	26	29	-9.1%	0	0	0	0	0	0	26	29
Texas	136	137	-0.5%	0	0	57	48	NM	NM	76	85
Mountain	68	74	-8.6%	3	NM	32	38	0	NM	32	34
Arizona	16	18	-9.6%	NM	NM	14	15	0	NM	0	0
Colorado	6	NM	NM	1	0	5	NM	0	0	0	0
Idaho	40	45	-11.7%	0	0	8	12	0	0	32	34
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	5	5	-1.3%	0	0	5	5	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	778	819	-5.1%	39	62	444	436	86	91	208	231
California	569	579	-1.6%	15	18	412	405	84	89	59	67
Oregon	78	83	-5.2%	6	6	24	24	NM	NM	46	51
Washington	130	158	-17.8%	19	38	7	8	0	0	103	112
Pacific Noncontiguous	24	26	-8.7%	0	1	0	0	15	16	8	9
Alaska	0	NM	NM	0	0	0	0	0	0	0	NM
Hawaii	24	26	-7.9%	0	1	0	0	15	16	8	9
U.S. Total	5,203	5,080	2.4%	350	302	2,218	2,119	211	219	2,423	2,441

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

Table 1.18.B. Net Generation from Biomass

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	1,968	1,942	1.4%	197	184	1,199	1,139	37	35	536	584
Connecticut	191	158	21.2%	0	0	191	158	0	0	0	0
Maine	833	881	-5.5%	0	0	424	415	28	26	380	441
Massachusetts	433	418	3.6%	0	0	278	275	NM	NM	155	143
New Hampshire	357	341	4.6%	100	99	249	235	8	NM	0	0
Rhode Island	22	22	-2.1%	0	0	22	22	0	0	0	0
Vermont	132	121	9.4%	97	85	35	35	NM	NM	0	0
Middle Atlantic	1,336	1,279	4.4%	0	0	1,001	972	123	130	211	177
New Jersey	226	233	-3.0%	0	0	189	192	37	41	0	0
New York	546	483	13.2%	0	0	419	359	58	60	69	64
Pennsylvania	564	564	0.0%	0	0	394	421	28	30	142	113
East North Central	1,402	1,434	-2.2%	124	130	812	823	44	37	422	445
Illinois	143	150	-4.7%	0	0	142	150	NM	NM	0	0
Indiana	63	77	-18.5%	53	67	0	0	5	NM	NM	NM
Michigan	661	611	8.3%	0	0	440	392	35	27	186	191
Ohio	112	177	-36.8%	NM	NM	31	94	0	0	80	82
Wisconsin	424	420	0.9%	70	61	198	187	NM	NM	152	168
West North Central	536	551	-2.7%	121	120	258	267	23	14	133	150
Iowa	39	34	14.9%	7	7	20	20	6	NM	7	1
Kansas	13	13	-1.8%	0	0	13	13	0	0	0	0
Minnesota	442	471	-6.0%	95	93	221	229	NM	NM	123	145
Missouri	25	16	60.9%	9	10	5	5	10	0	NM	NM
Nebraska	15	15	-2.8%	11	11	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	4,333	3,824	13.3%	400	232	1,450	1,203	76	78	2,406	2,311
Delaware	14	14	-1.7%	0	0	14	14	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,201	1,103	8.8%	25	21	682	557	8	NM	485	516
Georgia	965	808	19.5%	0	0	140	56	7	NM	818	745
Maryland	138	135	2.2%	0	0	86	86	10	10	42	38
North Carolina	606	670	-9.6%	0	0	300	321	0	0	306	349
South Carolina	540	491	9.9%	110	108	5	5	0	0	426	379
Virginia	866	599	44.6%	266	103	220	162	51	52	329	283
West Virginia	2	NM	NM	0	0	2	NM	0	0	0	0
East South Central	1,489	1,509	-1.3%	23	23	54	53	0	0	1,413	1,433
Alabama	741	814	-8.9%	NM	NM	48	47	0	0	692	766
Kentucky	127	85	50.2%	22	22	0	0	0	0	105	62
Mississippi	390	364	7.2%	1	0	0	0	0	0	389	363
Tennessee	232	247	-6.2%	0	0	6	6	0	0	226	241
West South Central	1,470	1,538	-4.5%	0	0	202	171	10	11	1,258	1,356
Arkansas	385	422	-8.9%	0	0	23	24	NM	NM	360	397
Louisiana	616	645	-4.4%	0	0	14	14	0	0	602	630
Oklahoma	79	85	-7.3%	0	0	0	0	0	0	79	85
Texas	390	387	0.9%	0	0	165	133	9	NM	217	245
Mountain	200	205	-2.6%	8	6	100	104	0	NM	92	94
Arizona	50	46	10.0%	6	6	45	39	0	NM	0	0
Colorado	16	15	6.5%	2	0	14	15	0	0	0	0
Idaho	117	127	-8.2%	0	0	24	33	0	0	92	94
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	NM	NM	NM	0	0	NM	NM	0	0	0	0
Utah	13	14	-1.8%	0	0	13	14	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,226	2,352	-5.3%	158	175	1,210	1,252	253	260	606	665
California	1,592	1,672	-4.8%	51	55	1,118	1,163	247	254	176	199
Oregon	228	233	-2.1%	15	15	71	67	5	NM	136	145
Washington	406	447	-9.1%	92	105	21	21	0	0	294	321
Pacific Noncontiguous	76	79	-4.0%	5	7	0	0	45	44	25	28
Alaska	0	NM	NM	0	0	0	0	0	0	0	NM
Hawaii	76	78	-3.1%	5	7	0	0	45	44	25	27
U.S. Total	15,036	14,712	2.2%	1,036	876	6,286	5,984	612	610	7,102	7,242

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	0	0	--	0	0	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	0	0	--	0	0	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	0	0	--	0	0	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	304	282	7.8%	25	21	279	261	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	8	9	-4.4%	0	0	8	9	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	250	245	1.9%	0	0	250	245	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	44	28	58.1%	25	21	19	7	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,047	1,123	-6.8%	72	73	974	1,050	0	0	0	0
California	1,028	1,109	-7.2%	72	73	956	1,035	0	0	0	0
Oregon	18	14	28.8%	0	0	18	14	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	26	19	35.0%	0	0	26	19	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	26	19	35.0%	0	0	26	19	0	0	0	0
U.S. Total	1,376	1,424	-3.3%	97	94	1,279	1,329	0	0	0	0

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

Table 1.19.B. Net Generation from Geothermal

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	0	0	--	0	0	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	0	0	--	0	0	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	0	0	--	0	0	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	900	841	7.0%	74	67	827	774	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	24	26	-4.9%	0	0	24	26	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	737	728	1.2%	0	0	737	728	0	0	0	0
New Mexico	NM	0	--	0	0	NM	0	0	0	0	0
Utah	134	88	53.3%	74	67	61	21	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	3,055	3,270	-6.6%	206	215	2,849	3,055	0	0	0	0
California	2,999	3,220	-6.9%	206	215	2,793	3,006	0	0	0	0
Oregon	56	49	14.1%	0	0	56	49	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	74	57	29.2%	0	0	74	57	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	74	57	29.2%	0	0	74	57	0	0	0	0
U.S. Total	4,029	4,168	-3.3%	279	282	3,750	3,886	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.
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Negative generation denotes that electric power consumed for plant use exceeds gross generation.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 1.20.A. Net Generation from Solar
by State, by Sector, March 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	16	NM	NM	NM	NM	15	NM	NM	NM	0	0
Connecticut	NM	0	--	0	0	NM	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	13	NM	NM	NM	NM	11	NM	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	0	--	0	0	NM	0	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	63	54	16.6%	5	NM	49	40	7	NM	NM	NM
New Jersey	47	43	9.4%	5	NM	35	31	7	NM	NM	NM
New York	7	4	67.2%	0	0	7	4	0	0	0	0
Pennsylvania	8	NM	NM	0	0	7	NM	NM	NM	NM	NM
East North Central	22	NM	NM	NM	NM	21	NM	NM	NM	0	0
Illinois	6	NM	NM	0	0	6	NM	0	0	0	0
Indiana	10	NM	NM	0	0	10	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	6	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	90	56	62.1%	19	17	63	36	8	NM	0	0
Delaware	NM	NM	NM	NM	0	NM	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	23	21	6.5%	17	16	6	NM	NM	NM	0	0
Georgia	8	NM	NM	0	0	7	NM	NM	NM	0	0
Maryland	9	NM	NM	NM	NM	7	NM	NM	NM	0	0
North Carolina	44	24	88.1%	NM	NM	37	22	7	NM	0	0
South Carolina	NM	0	--	0	0	NM	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
West South Central	23	14	60.1%	0	0	23	14	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	23	14	60.1%	0	0	23	14	NM	NM	0	0
Mountain	389	263	48.0%	37	26	345	230	7	NM	NM	NM
Arizona	259	147	76.3%	29	20	228	125	NM	NM	0	0
Colorado	16	17	-2.5%	0	0	15	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	76	63	20.9%	0	0	73	60	NM	NM	NM	NM
New Mexico	37	36	3.2%	8	NM	28	30	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	744	257	189.4%	41	29	695	221	8	NM	NM	NM
California	742	255	190.7%	40	28	693	219	8	NM	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	9.4%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	NM	NM	NM	0	0	NM	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	NM	NM	0	0	NM	NM	0	0	0	0
U.S. Total	1,355	667	103.0%	104	79	1,217	563	31	24	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 March 2014 and 2013 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	37	20	86.9%	NM	NM	35	17	NM	NM	0	0
Connecticut	NM	0	--	0	0	NM	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	28	17	69.4%	NM	NM	26	14	NM	NM	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	NM	0	--	0	0	NM	0	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	133	118	12.2%	9	NM	107	90	15	16	NM	NM
New Jersey	100	95	5.2%	9	NM	76	68	15	16	NM	NM
New York	17	10	62.9%	0	0	17	10	0	0	0	0
Pennsylvania	16	13	23.3%	0	0	14	12	NM	NM	NM	NM
East North Central	47	23	108.9%	NM	NM	44	19	NM	NM	0	0
Illinois	13	11	16.3%	0	0	13	11	0	0	0	0
Indiana	21	NM	NM	0	0	21	NM	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	13	NM	NM	NM	NM	9	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	229	122	87.6%	44	40	167	79	18	NM	0	0
Delaware	11	NM	NM	NM	0	10	NM	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	51	49	2.3%	38	37	12	12	NM	NM	0	0
Georgia	22	NM	NM	0	0	21	NM	NM	NM	0	0
Maryland	20	12	64.6%	NM	NM	16	NM	NM	NM	0	0
North Carolina	124	49	151.2%	NM	NM	107	47	16	NM	0	0
South Carolina	NM	0	--	0	0	NM	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
West South Central	49	32	54.2%	0	0	48	31	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	49	32	54.2%	0	0	48	31	NM	NM	0	0
Mountain	902	629	43.5%	80	53	808	561	14	14	NM	NM
Arizona	611	352	73.4%	63	42	542	307	NM	NM	0	0
Colorado	36	41	-12.3%	0	0	32	37	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	177	154	15.0%	0	0	172	146	NM	NM	NM	NM
New Mexico	78	81	-3.8%	17	NM	61	69	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,573	510	208.5%	87	64	1,466	430	17	15	NM	NM
California	1,568	506	210.1%	85	62	1,463	427	17	15	NM	NM
Oregon	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Washington	0	0	-19.1%	0	0	0	0	0	0	0	0
Pacific Noncontiguous	9	NM	NM	0	0	9	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	9	NM	NM	0	0	9	NM	0	0	0	0
U.S. Total	2,987	1,465	103.8%	226	172	2,690	1,238	67	51	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, 2004-March 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	1,020,523	772,224	240,235	377	7,687
2005	1,041,448	761,349	272,218	377	7,504
2006	1,030,556	753,390	269,412	347	7,408
2007	1,046,795	764,765	276,581	361	5,089
2008	1,042,335	760,326	276,565	369	5,075
2009	934,683	695,615	234,077	317	4,674
2010	979,684	721,431	249,814	314	8,125
2011	934,938	689,316	239,541	347	5,735
2012	825,734	615,467	205,295	307	4,665
2013	860,790	639,290	216,566	309	4,624
2012					
January	70,744	52,338	17,967	29	410
February	62,974	46,908	15,665	27	374
March	57,468	43,413	13,640	26	388
April	51,806	39,920	11,507	23	356
May	62,801	46,900	15,517	22	361
June	71,656	53,708	17,543	26	379
July	86,516	64,433	21,603	28	452
August	82,676	61,480	20,730	28	439
Sept	69,478	51,516	17,558	24	381
October	66,486	49,060	17,044	21	361
November	69,913	51,276	18,245	25	366
December	73,217	54,516	18,275	27	398
2013					
January	74,985	55,784	18,811	31	359
February	67,141	49,137	17,629	28	347
March	70,395	52,109	17,863	29	393
April	60,899	45,635	14,899	23	342
May	64,737	48,361	15,956	26	394
June	75,178	56,074	18,665	28	410
July	83,223	61,415	21,335	28	444
August	81,984	61,498	20,055	26	404
Sept	72,704	53,246	19,047	23	388
October	66,359	49,556	16,412	20	371
November	65,902	49,712	15,797	22	371
December	77,283	56,761	20,096	25	401
2014					
January	83,710	62,409	20,839	34	429
February	76,350	56,180	19,747	32	391
March	72,320	52,911	18,970	29	410
Year to Date					
2012	191,186	142,659	47,272	82	1,173
2013	212,521	157,031	54,304	88	1,099
2014	232,381	171,501	59,555	95	1,230
Rolling 12 Months Ending in March					
2013	847,069	629,839	212,327	312	4,591
2014	880,649	653,760	221,818	317	4,755

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

Table 2.1.B. Coal: Consumption for Useful Thermal Output, by Sector, 2004-March 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	24,275	0	3,809	1,540	18,926
2005	23,833	0	3,918	1,544	18,371
2006	23,227	0	3,834	1,539	17,854
2007	22,810	0	3,795	1,566	17,449
2008	22,168	0	3,689	1,652	16,827
2009	20,507	0	3,935	1,481	15,091
2010	21,727	0	3,808	1,406	16,513
2011	21,532	0	3,628	1,321	16,584
2012	19,333	0	2,790	1,143	15,400
2013	18,587	0	2,494	1,103	14,989
2012					
January	2,021	0	289	127	1,605
February	1,797	0	232	108	1,458
March	1,609	0	212	101	1,295
April	1,370	0	166	79	1,125
May	1,518	0	230	86	1,202
June	1,486	0	229	83	1,174
July	1,598	0	247	91	1,260
August	1,631	0	275	93	1,264
Sept	1,473	0	235	83	1,154
October	1,545	0	239	80	1,226
November	1,600	0	218	99	1,283
December	1,685	0	218	113	1,354
2013					
January	1,688	0	203	117	1,369
February	1,544	0	178	111	1,255
March	1,671	0	242	107	1,322
April	1,468	0	191	86	1,191
May	1,498	0	226	88	1,183
June	1,469	0	225	78	1,166
July	1,523	0	236	75	1,212
August	1,503	0	234	79	1,190
Sept	1,434	0	199	77	1,157
October	1,550	0	196	78	1,276
November	1,585	0	179	98	1,308
December	1,654	0	186	109	1,359
2014					
January	1,700	0	211	115	1,374
February	1,585	0	217	115	1,253
March	1,707	0	246	113	1,349
Year to Date					
2012	5,427	0	733	336	4,358
2013	4,904	0	622	336	3,946
2014	4,993	0	673	343	3,977
Rolling 12 Months Ending in March					
2013	18,810	0	2,679	1,143	14,988
2014	18,676	0	2,546	1,110	15,020

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

Table 2.1.C. Coal: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-March 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	1,044,798	772,224	244,044	1,917	26,613
2005	1,065,281	761,349	276,135	1,922	25,875
2006	1,053,783	753,390	273,246	1,886	25,262
2007	1,069,606	764,765	280,377	1,927	22,537
2008	1,064,503	760,326	280,254	2,021	21,902
2009	955,190	695,615	238,012	1,798	19,766
2010	1,001,411	721,431	253,621	1,720	24,638
2011	956,470	689,316	243,168	1,668	22,319
2012	845,066	615,467	208,085	1,450	20,065
2013	879,377	639,290	219,061	1,412	19,613
2012					
January	72,764	52,338	18,256	155	2,015
February	64,771	46,908	15,897	135	1,832
March	59,077	43,413	13,852	128	1,684
April	53,176	39,920	11,673	102	1,481
May	64,319	46,900	15,748	108	1,563
June	73,142	53,708	17,772	109	1,553
July	88,115	64,433	21,850	120	1,712
August	84,307	61,480	21,004	120	1,703
Sept	70,951	51,516	17,793	107	1,535
October	68,030	49,060	17,283	101	1,587
November	71,512	51,276	18,464	124	1,649
December	74,901	54,516	18,493	141	1,751
2013					
January	76,673	55,784	19,014	148	1,728
February	68,685	49,137	17,807	139	1,601
March	72,066	52,109	18,105	136	1,716
April	62,367	45,635	15,090	108	1,533
May	66,235	48,361	16,183	114	1,577
June	76,646	56,074	18,890	105	1,576
July	84,745	61,415	21,571	103	1,656
August	83,487	61,498	20,290	105	1,594
Sept	74,138	53,246	19,247	100	1,545
October	67,909	49,556	16,608	98	1,647
November	67,487	49,712	15,976	120	1,679
December	78,938	56,761	20,282	134	1,760
2014					
January	85,411	62,409	21,050	149	1,803
February	77,935	56,180	19,964	147	1,644
March	74,028	52,911	19,215	142	1,759
Year to Date					
2012	196,613	142,659	48,005	418	5,531
2013	217,425	157,031	54,926	424	5,045
2014	237,374	171,501	60,229	438	5,206
Rolling 12 Months Ending in March					
2013	865,879	629,839	215,006	1,455	19,579
2014	899,325	653,760	224,364	1,427	19,775

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

Table 2.2.A. Petroleum Liquids: Consumption for Electricity Generation, by Sector, 2004-March 2014 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	165,107	103,793	56,342	760	4,212
2005	165,137	98,223	62,154	580	4,180
2006	73,821	53,529	17,179	327	2,786
2007	82,433	56,910	22,793	250	2,480
2008	53,846	38,995	13,152	160	1,538
2009	43,562	31,847	9,880	184	1,652
2010	40,103	30,806	8,278	164	855
2011	27,326	20,844	5,633	133	716
2012	22,604	17,521	4,110	272	702
2013	22,751	16,429	5,515	305	501
2012					
January	1,933	1,495	317	28	93
February	1,544	1,245	218	18	64
March	1,629	1,360	188	16	65
April	1,612	1,339	204	17	52
May	1,864	1,441	341	25	57
June	2,320	1,733	519	24	44
July	2,683	2,032	568	32	51
August	2,014	1,597	338	27	52
Sept	1,591	1,279	242	18	51
October	1,722	1,372	265	21	64
November	1,648	1,282	294	23	48
December	2,045	1,345	617	23	60
2013					
January	2,814	1,735	967	NM	59
February	1,819	1,214	536	NM	39
March	1,582	1,275	251	14	42
April	1,598	1,266	273	17	41
May	1,749	1,348	332	19	49
June	1,675	1,281	338	NM	35
July	2,706	1,848	772	42	45
August	1,775	1,422	289	19	44
Sept	1,602	1,170	381	NM	35
October	1,494	1,202	243	14	34
November	1,583	1,249	282	16	36
December	2,353	1,417	852	NM	43
2014					
January	10,375	4,600	5,466	NM	100
February	3,025	1,822	1,082	NM	54
March	3,522	1,876	1,520	NM	55
Year to Date					
2012	5,106	4,100	722	62	222
2013	6,215	4,224	1,753	98	140
2014	16,923	8,298	8,068	348	209
Rolling 12 Months Ending in March					
2013	23,714	17,644	5,141	NM	619
2014	33,458	20,503	11,830	NM	571

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

Table 2.2.B. Petroleum Liquids: Consumption for Useful Thermal Output, by Sector, 2004-March 2014 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	20,654	0	1,501	1,203	17,951
2005	20,494	0	1,392	1,004	18,097
2006	14,077	0	1,153	559	12,365
2007	13,462	0	1,303	441	11,718
2008	7,533	0	1,311	461	5,762
2009	8,128	0	1,301	293	6,534
2010	4,866	0	1,086	212	3,567
2011	3,826	0	1,004	168	2,654
2012	3,097	0	992	122	1,984
2013	2,939	0	1,044	148	1,747
2012					
January	554	0	117	51	386
February	242	0	81	4	158
March	267	0	53	8	207
April	211	0	66	2	144
May	229	0	86	2	141
June	215	0	90	4	121
July	222	0	82	23	117
August	221	0	82	7	132
Sept	194	0	79	2	112
October	271	0	87	2	182
November	228	0	84	8	135
December	242	0	85	8	149
2013					
January	283	0	60	NM	199
February	256	0	79	NM	162
March	237	0	89	7	140
April	261	0	90	8	163
May	262	0	92	10	160
June	240	0	86	NM	144
July	254	0	90	18	146
August	245	0	90	9	146
Sept	207	0	94	NM	105
October	214	0	95	7	112
November	212	0	88	8	116
December	268	0	93	NM	155
2014					
January	676	0	172	NM	404
February	342	0	92	NM	215
March	338	0	105	NM	196
Year to Date					
2012	1,064	0	250	63	751
2013	775	0	228	47	501
2014	1,355	0	369	171	815
Rolling 12 Months Ending in March					
2013	2,809	0	969	NM	1,734
2014	3,519	0	1,186	NM	2,061

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

Table 2.2.C. Petroleum Liquids: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-March 2014 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	185,761	103,793	57,843	1,963	22,162
2005	185,631	98,223	63,546	1,584	22,278
2006	87,898	53,529	18,332	886	15,150
2007	95,895	56,910	24,097	691	14,198
2008	61,379	38,995	14,463	621	7,300
2009	51,690	31,847	11,181	477	8,185
2010	44,968	30,806	9,364	376	4,422
2011	31,152	20,844	6,637	301	3,370
2012	25,702	17,521	5,102	394	2,685
2013	25,690	16,429	6,559	453	2,249
2012					
January	2,487	1,495	433	79	479
February	1,787	1,245	299	22	222
March	1,897	1,360	241	24	272
April	1,824	1,339	270	18	196
May	2,093	1,441	427	27	198
June	2,534	1,733	608	28	165
July	2,905	2,032	650	55	167
August	2,236	1,597	421	34	184
Sept	1,784	1,279	322	20	163
October	1,993	1,372	351	23	246
November	1,875	1,282	378	32	184
December	2,287	1,345	702	31	209
2013					
January	3,097	1,735	1,027	NM	258
February	2,075	1,214	615	NM	201
March	1,818	1,275	339	22	182
April	1,859	1,266	363	25	204
May	2,011	1,348	424	30	209
June	1,915	1,281	424	NM	179
July	2,961	1,848	862	60	191
August	2,020	1,422	379	28	190
Sept	1,810	1,170	474	NM	139
October	1,708	1,202	339	21	146
November	1,795	1,249	370	24	152
December	2,621	1,417	945	NM	198
2014					
January	11,051	4,600	5,638	NM	504
February	3,367	1,822	1,174	NM	268
March	3,860	1,876	1,625	NM	252
Year to Date					
2012	6,170	4,100	973	125	973
2013	6,991	4,224	1,981	145	641
2014	18,278	8,298	8,437	519	1,024
Rolling 12 Months Ending in March					
2013	26,522	17,644	6,110	NM	2,353
2014	36,977	20,503	13,016	NM	2,632

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

Table 2.3.A. Petroleum Coke: Consumption for Electricity Generation, by Sector, 2004-March 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	7,677	4,150	2,985	1	541
2005	8,330	4,130	3,746	1	452
2006	7,363	3,619	3,286	1	456
2007	6,036	2,808	2,715	2	512
2008	5,417	2,296	2,704	1	416
2009	4,821	2,761	1,724	1	335
2010	4,994	3,325	1,354	2	313
2011	5,012	3,449	1,277	1	286
2012	3,675	2,105	756	1	812
2013	4,893	3,409	798	1	684
2012					
January	476	297	92	0	87
February	363	230	77	0	56
March	226	107	61	0	58
April	212	120	37	0	55
May	255	150	51	0	55
June	280	169	53	0	58
July	307	182	62	0	63
August	338	170	87	0	80
Sept	314	180	61	0	73
October	280	156	64	0	60
November	314	175	55	0	84
December	308	170	56	0	82
2013					
January	382	253	70	0	59
February	313	220	64	0	29
March	371	236	69	0	65
April	347	217	64	0	67
May	475	361	43	0	72
June	481	348	64	0	70
July	480	337	73	0	71
August	495	332	94	0	69
Sept	452	326	62	0	65
October	408	289	67	0	52
November	309	217	61	0	30
December	378	272	69	0	36
2014					
January	446	349	55	0	42
February	376	276	56	0	44
March	439	332	57	0	50
Year to Date					
2012	1,066	634	231	0	201
2013	1,066	710	203	1	153
2014	1,261	957	168	1	135
Rolling 12 Months Ending in March					
2013	3,675	2,181	729	1	764
2014	5,087	3,657	764	1	666

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

Table 2.3.B. Petroleum Coke: Consumption for Useful Thermal Output, by Sector, 2004-March 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	1,043	0	237	8	798
2005	783	0	206	8	568
2006	1,259	0	195	9	1,055
2007	1,262	0	162	11	1,090
2008	897	0	119	9	769
2009	1,007	0	126	8	873
2010	1,059	0	98	11	950
2011	1,080	0	112	6	962
2012	1,346	0	113	11	1,222
2013	1,144	0	109	11	1,024
2012					
January	128	0	11	1	116
February	108	0	11	1	96
March	108	0	10	1	97
April	87	0	9	0	78
May	91	0	11	0	80
June	100	0	6	0	94
July	118	0	9	1	108
August	133	0	10	1	122
Sept	116	0	9	1	105
October	117	0	9	1	107
November	122	0	9	1	112
December	118	0	10	1	107
2013					
January	143	0	10	2	131
February	127	0	9	1	117
March	105	0	10	1	94
April	104	0	10	0	93
May	51	0	9	0	42
June	57	0	6	0	50
July	70	0	9	0	61
August	67	0	10	1	56
Sept	68	0	8	1	59
October	109	0	10	1	98
November	111	0	9	1	101
December	132	0	9	1	122
2014					
January	84	0	9	2	74
February	54	0	7	1	45
March	60	0	8	2	50
Year to Date					
2012	344	0	32	4	308
2013	375	0	29	4	341
2014	198	0	23	5	170
Rolling 12 Months Ending in March					
2013	1,377	0	110	12	1,255
2014	967	0	104	11	852

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

Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-March 2014 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	8,721	4,150	3,223	9	1,339
2005	9,113	4,130	3,953	9	1,020
2006	8,622	3,619	3,482	10	1,511
2007	7,299	2,808	2,877	12	1,602
2008	6,314	2,296	2,823	10	1,184
2009	5,828	2,761	1,850	9	1,209
2010	6,053	3,325	1,452	12	1,264
2011	6,092	3,449	1,388	6	1,248
2012	5,021	2,105	869	13	2,034
2013	6,037	3,409	907	12	1,708
2012					
January	605	297	103	2	203
February	470	230	88	1	152
March	335	107	72	1	155
April	299	120	46	0	133
May	346	150	61	0	135
June	380	169	59	0	152
July	426	182	72	1	171
August	471	170	97	1	203
Sept	430	180	70	1	178
October	397	156	73	1	167
November	435	175	63	1	196
December	426	170	66	1	188
2013					
January	525	253	80	2	190
February	440	220	73	2	146
March	476	236	79	2	159
April	451	217	74	0	160
May	526	361	51	0	114
June	538	348	70	0	120
July	551	337	82	0	132
August	562	332	103	2	125
Sept	520	326	69	1	124
October	517	289	76	1	150
November	420	217	71	1	131
December	511	272	79	2	158
2014					
January	530	349	64	2	116
February	429	276	63	2	89
March	499	332	65	2	100
Year to Date					
2012	1,410	634	263	4	509
2013	1,441	710	232	5	495
2014	1,459	957	192	5	305
Rolling 12 Months Ending in March					
2013	5,052	2,181	839	13	2,019
2014	6,055	3,657	867	13	1,518

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.
Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
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Table 2.4.A. Natural Gas: Consumption for Electricity Generation, by Sector, 2004-March 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	5,674,580	1,809,443	3,265,896	32,839	566,401
2005	6,036,370	2,134,859	3,349,921	33,785	517,805
2006	6,461,615	2,478,396	3,412,826	34,623	535,770
2007	7,089,342	2,736,418	3,765,194	34,087	553,643
2008	6,895,843	2,730,134	3,612,197	33,403	520,109
2009	7,121,069	2,911,279	3,655,712	34,279	519,799
2010	7,680,185	3,290,993	3,794,423	39,462	555,307
2011	7,883,865	3,446,087	3,819,107	47,170	571,501
2012	9,484,710	4,101,927	4,686,260	63,116	633,407
2013	8,512,483	3,771,496	4,053,122	59,615	628,250
2012					
January	677,117	285,194	335,785	5,065	51,072
February	672,278	274,977	343,616	4,955	48,730
March	703,533	295,548	354,510	5,129	48,345
April	741,560	321,202	367,445	5,044	47,869
May	843,383	376,968	407,974	5,263	53,180
June	912,469	403,071	448,815	5,838	54,745
July	1,118,369	492,043	559,652	7,312	59,363
August	1,038,691	447,137	526,648	5,924	58,982
Sept	835,109	358,829	417,952	5,014	53,314
October	700,348	304,811	339,272	4,621	51,645
November	611,680	265,122	290,769	4,472	51,317
December	630,173	277,026	293,821	4,479	54,847
2013					
January	660,483	288,189	311,941	5,215	55,139
February	593,069	260,059	278,320	4,742	49,948
March	632,112	279,997	293,914	4,825	53,375
April	587,434	256,764	278,391	4,360	47,920
May	640,799	284,120	301,791	4,603	50,285
June	764,875	347,318	360,702	4,804	52,051
July	938,552	414,301	463,547	5,655	55,049
August	929,275	425,592	443,239	5,558	54,886
Sept	777,304	348,801	373,772	4,881	49,850
October	665,310	295,788	314,502	4,534	50,486
November	629,045	267,622	303,282	5,004	53,136
December	694,225	302,944	329,721	5,435	56,125
2014					
January	689,214	307,815	322,713	5,216	53,470
February	573,014	246,663	274,427	4,846	47,078
March	585,493	254,506	274,925	4,880	51,182
Year to Date					
2012	2,052,927	855,719	1,033,911	15,150	148,147
2013	1,885,664	828,245	884,175	14,782	158,462
2014	1,847,721	808,984	872,065	14,941	151,730
Rolling 12 Months Ending in March					
2013	9,317,446	4,074,453	4,536,523	62,748	643,723
2014	8,474,540	3,752,235	4,041,012	59,775	621,518

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

Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output, by Sector, 2004-March 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	1,052,100	0	388,424	39,233	624,443
2005	984,340	0	384,365	34,172	565,803
2006	942,817	0	330,878	33,112	578,828
2007	872,579	0	339,796	35,987	496,796
2008	793,537	0	326,048	32,813	434,676
2009	816,787	0	305,542	41,275	469,970
2010	821,775	0	301,769	46,324	473,683
2011	839,681	0	308,669	39,856	491,155
2012	886,103	0	322,607	47,883	515,613
2013	894,276	0	328,668	46,974	518,634
2012					
January	75,174	0	27,843	4,072	43,259
February	69,960	0	25,937	3,869	40,154
March	70,324	0	24,040	3,743	42,542
April	71,587	0	25,691	3,484	42,412
May	72,877	0	27,525	3,543	41,808
June	74,822	0	27,995	3,799	43,028
July	82,618	0	29,994	4,798	47,827
August	80,621	0	30,153	4,661	45,807
Sept	72,357	0	25,807	4,292	42,258
October	70,985	0	25,112	4,005	41,867
November	69,240	0	23,855	3,809	41,577
December	75,537	0	28,655	3,809	43,073
2013					
January	79,175	0	28,632	4,177	46,366
February	71,309	0	26,425	3,788	41,096
March	76,008	0	27,352	3,992	44,664
April	71,503	0	26,324	3,495	41,684
May	73,698	0	27,093	3,553	43,051
June	69,923	0	25,972	3,453	40,498
July	74,228	0	28,020	4,051	42,157
August	77,109	0	29,610	3,945	43,553
Sept	71,563	0	26,806	3,531	41,226
October	72,355	0	25,995	3,848	42,513
November	74,937	0	27,288	4,237	43,412
December	82,468	0	29,151	4,904	48,413
2014					
January	83,127	0	30,995	4,491	47,641
February	78,426	0	33,151	4,027	41,248
March	76,897	0	27,943	3,731	45,222
Year to Date					
2012	215,458	0	77,820	11,683	125,955
2013	226,492	0	82,409	11,957	132,125
2014	238,449	0	92,089	12,249	134,111
Rolling 12 Months Ending in March					
2013	897,136	0	327,195	48,157	521,783
2014	906,234	0	338,348	47,265	520,620

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

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

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	6,726,679	1,809,443	3,654,320	72,072	1,190,844
2005	7,020,709	2,134,859	3,734,286	67,957	1,083,607
2006	7,404,432	2,478,396	3,743,704	67,735	1,114,597
2007	7,961,922	2,736,418	4,104,991	70,074	1,050,439
2008	7,689,380	2,730,134	3,938,245	66,216	954,785
2009	7,937,856	2,911,279	3,961,254	75,555	989,769
2010	8,501,960	3,290,993	4,096,192	85,786	1,028,990
2011	8,723,546	3,446,087	4,127,777	87,026	1,062,657
2012	10,370,812	4,101,927	5,008,867	110,999	1,149,020
2013	9,406,758	3,771,496	4,381,789	106,589	1,146,884
2012					
January	752,291	285,194	363,628	9,137	94,331
February	742,237	274,977	369,553	8,824	88,883
March	773,857	295,548	378,550	8,872	90,887
April	813,147	321,202	393,136	8,528	90,281
May	916,260	376,968	435,499	8,806	94,988
June	987,291	403,071	476,810	9,637	97,774
July	1,200,988	492,043	589,645	12,110	107,190
August	1,119,312	447,137	556,802	10,585	104,789
Sept	907,466	358,829	443,759	9,306	95,572
October	771,333	304,811	364,384	8,626	93,512
November	680,920	265,122	314,624	8,281	92,894
December	705,710	277,026	322,476	8,288	97,920
2013					
January	739,658	288,189	340,572	9,392	101,505
February	664,377	260,059	304,745	8,530	91,044
March	708,120	279,997	321,266	8,817	98,039
April	658,937	256,764	304,715	7,855	89,604
May	714,497	284,120	328,884	8,156	93,336
June	834,799	347,318	386,674	8,257	92,549
July	1,012,781	414,301	491,567	9,706	97,206
August	1,006,384	425,592	472,850	9,504	98,439
Sept	848,867	348,801	400,578	8,411	91,076
October	737,665	295,788	340,497	8,381	92,998
November	703,981	267,622	330,570	9,241	96,549
December	776,693	302,944	358,872	10,339	104,538
2014					
January	772,340	307,815	353,708	9,707	101,110
February	651,439	246,663	307,578	8,872	88,326
March	662,391	254,506	302,868	8,612	96,405
Year to Date					
2012	2,268,386	855,719	1,111,732	26,833	274,102
2013	2,112,155	828,245	966,583	26,739	290,587
2014	2,086,170	808,984	964,154	27,190	285,841
Rolling 12 Months Ending in March					
2013	10,214,582	4,074,453	4,863,718	110,905	1,165,506
2014	9,380,773	3,752,235	4,379,360	107,040	1,142,138

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, 2004-March 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	143,844	11,250	125,848	4,081	2,665
2005	141,899	11,490	123,064	4,797	2,548
2006	160,033	16,617	136,108	6,644	664
2007	166,774	17,442	144,104	4,598	630
2008	195,777	20,465	169,547	5,235	530
2009	206,792	19,583	180,689	5,931	589
2010	218,331	19,975	192,428	5,535	393
2011	232,795	22,086	180,856	29,469	384
2012	256,376	25,193	201,965	26,672	2,545
2013	298,196	31,047	236,004	27,895	3,250
2012					
January	21,454	1,889	16,999	2,352	214
February	19,337	1,833	15,100	2,200	205
March	20,905	1,976	16,543	2,177	208
April	20,015	2,064	15,557	2,184	210
May	21,031	2,214	16,427	2,177	213
June	20,722	2,082	16,315	2,120	206
July	22,294	2,282	17,649	2,141	221
August	22,490	2,316	17,672	2,293	210
Sept	21,151	2,055	16,702	2,208	185
October	22,392	2,264	17,625	2,292	211
November	21,528	2,102	16,887	2,317	223
December	23,056	2,115	18,488	2,213	240
2013					
January	24,990	2,584	19,376	2,716	NM
February	21,769	2,232	17,024	2,234	NM
March	24,822	2,492	19,513	2,527	NM
April	22,833	2,393	18,395	1,793	251
May	25,017	2,693	20,025	2,069	NM
June	25,727	2,720	20,512	2,242	253
July	25,753	2,642	20,601	2,257	NM
August	25,255	2,678	20,060	2,270	NM
Sept	24,971	2,661	19,840	2,228	NM
October	25,321	2,631	19,887	2,513	290
November	24,535	2,529	19,307	2,406	293
December	27,202	2,791	21,463	2,639	NM
2014					
January	24,549	2,517	19,164	2,566	302
February	20,992	2,168	16,403	2,172	248
March	24,086	2,503	18,955	2,353	275
Year to Date					
2012	61,697	5,698	48,643	6,728	627
2013	71,582	7,309	55,914	7,477	882
2014	69,627	7,189	54,522	7,091	825
Rolling 12 Months Ending in March					
2013	266,261	26,804	209,236	27,421	NM
2014	296,241	30,927	234,612	27,509	NM

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

Table 2.5.B. Landfill Gas: Consumption for Useful Thermal Output, by Sector, 2004-March 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	2,174	0	735	10	1,429
2005	1,923	0	965	435	522
2006	2,051	0	525	1,094	433
2007	1,988	0	386	1,102	501
2008	1,025	0	454	433	138
2009	793	0	545	176	72
2010	1,623	0	1,195	370	58
2011	3,195	0	2,753	351	91
2012	3,189	0	2,788	340	61
2013	4,793	0	4,172	493	129
2012					
January	307	0	272	31	4
February	292	0	258	29	4
March	243	0	209	30	5
April	254	0	221	28	5
May	265	0	230	29	5
June	212	0	179	28	5
July	295	0	260	29	6
August	260	0	229	25	6
Sept	285	0	256	24	5
October	299	0	265	28	6
November	186	0	149	32	5
December	291	0	260	27	5
2013					
January	574	0	503	55	NM
February	447	0	389	46	NM
March	558	0	496	46	NM
April	300	0	261	37	2
May	327	0	287	31	NM
June	340	0	293	34	13
July	342	0	295	36	NM
August	335	0	289	35	NM
Sept	303	0	262	32	NM
October	415	0	361	44	10
November	385	0	330	47	8
December	468	0	406	50	NM
2014					
January	460	0	402	47	12
February	384	0	336	38	10
March	381	0	329	42	10
Year to Date					
2012	842	0	739	90	13
2013	1,579	0	1,388	147	44
2014	1,225	0	1,067	127	31
Rolling 12 Months Ending in March					
2013	3,925	0	3,437	396	NM
2014	4,439	0	3,850	473	NM

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

Table 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-March 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	146,018	11,250	126,584	4,091	4,093
2005	143,822	11,490	124,030	5,232	3,070
2006	162,084	16,617	136,632	7,738	1,096
2007	168,762	17,442	144,490	5,699	1,131
2008	196,802	20,465	170,001	5,668	668
2009	207,585	19,583	181,234	6,106	661
2010	219,954	19,975	193,623	5,905	451
2011	235,990	22,086	183,609	29,820	474
2012	259,564	25,193	204,753	27,012	2,606
2013	302,989	31,047	240,176	28,388	3,378
2012					
January	21,761	1,889	17,271	2,382	218
February	19,629	1,833	15,358	2,229	209
March	21,149	1,976	16,752	2,207	213
April	20,269	2,064	15,777	2,212	216
May	21,295	2,214	16,658	2,206	218
June	20,934	2,082	16,494	2,147	211
July	22,588	2,282	17,909	2,170	227
August	22,750	2,316	17,901	2,317	216
Sept	21,436	2,055	16,958	2,232	190
October	22,691	2,264	17,890	2,320	217
November	21,714	2,102	17,036	2,349	227
December	23,347	2,115	18,747	2,240	245
2013					
January	25,565	2,584	19,879	2,771	NM
February	22,216	2,232	17,413	2,280	NM
March	25,379	2,492	20,010	2,573	NM
April	23,134	2,393	18,656	1,831	254
May	25,344	2,693	20,312	2,100	NM
June	26,067	2,720	20,806	2,276	265
July	26,095	2,642	20,896	2,292	NM
August	25,590	2,678	20,349	2,305	NM
Sept	25,274	2,661	20,102	2,260	NM
October	25,736	2,631	20,248	2,557	300
November	24,920	2,529	19,637	2,452	301
December	27,670	2,791	21,869	2,689	NM
2014					
January	25,009	2,517	19,566	2,612	314
February	21,376	2,168	16,739	2,210	258
March	24,467	2,503	19,284	2,395	285
Year to Date					
2012	62,539	5,698	49,382	6,819	640
2013	73,160	7,309	57,302	7,624	926
2014	70,852	7,189	55,589	7,218	857
Rolling 12 Months Ending in March					
2013	270,186	26,804	212,673	27,817	NM
2014	300,681	30,927	238,463	27,982	NM

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

Table 2.6.A. Biogenic Municipal Solid Waste: Consumption for Electricity Generation, by Sector, 2004-March 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	19,587	444	17,308	1,811	24
2005	19,370	560	17,033	1,753	25
2006	19,629	500	17,343	1,761	25
2007	19,576	553	17,116	1,785	122
2008	19,805	509	17,487	1,809	0
2009	19,669	465	17,048	2,155	0
2010	19,437	402	16,802	2,233	0
2011	16,972	388	14,625	1,955	4
2012	16,968	418	14,235	2,304	12
2013	15,876	456	13,191	2,220	9
2012					
January	1,361	30	1,147	183	1
February	1,274	27	1,067	179	1
March	1,380	36	1,151	192	0
April	1,362	38	1,134	189	1
May	1,485	41	1,235	207	1
June	1,473	37	1,238	196	1
July	1,519	35	1,284	199	1
August	1,468	40	1,232	195	1
Sept	1,389	30	1,161	197	1
October	1,407	38	1,174	194	1
November	1,398	34	1,180	182	1
December	1,454	31	1,231	190	1
2013					
January	1,240	32	1,037	170	NM
February	1,126	30	927	168	1
March	1,321	31	1,094	195	NM
April	1,286	43	1,060	182	1
May	1,379	43	1,156	179	NM
June	1,402	40	1,175	186	0
July	1,432	44	1,195	193	0
August	1,349	40	1,119	189	NM
Sept	1,304	38	1,082	183	0
October	1,307	41	1,076	189	1
November	1,254	40	1,028	186	1
December	1,477	35	1,242	199	1
2014					
January	1,287	28	1,065	192	1
February	1,129	24	944	160	1
March	1,344	38	1,120	185	1
Year to Date					
2012	4,015	93	3,365	555	2
2013	3,687	93	3,058	533	3
2014	3,759	91	3,129	536	2
Rolling 12 Months Ending in March					
2013	16,640	417	13,928	2,282	NM
2014	15,949	455	13,262	2,223	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Table 2.6.B. Biogenic Municipal Solid Waste: Consumption for Useful Thermal Output, by Sector, 2004-March 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	2,743	0	651	1,628	464
2005	2,719	0	623	1,536	560
2006	2,840	0	725	1,595	520
2007	2,219	0	768	1,136	315
2008	2,328	0	806	1,514	8
2009	2,426	0	823	1,466	137
2010	2,287	0	819	1,316	152
2011	2,044	0	742	1,148	154
2012	1,986	0	522	1,273	190
2013	1,985	0	617	1,200	168
2012					
January	162	0	42	105	15
February	154	0	40	98	15
March	176	0	61	100	15
April	163	0	43	104	17
May	163	0	39	106	18
June	158	0	39	102	16
July	168	0	40	113	15
August	173	0	42	115	16
Sept	166	0	46	104	16
October	177	0	46	114	17
November	156	0	44	98	14
December	170	0	41	114	15
2013					
January	181	0	53	113	NM
February	166	0	49	104	14
March	170	0	56	100	NM
April	169	0	49	107	14
May	146	0	38	95	NM
June	173	0	55	103	15
July	171	0	53	103	14
August	158	0	51	93	NM
Sept	153	0	46	93	13
October	167	0	55	97	15
November	156	0	54	88	14
December	175	0	58	103	15
2014					
January	170	0	57	99	14
February	152	0	49	91	12
March	171	0	50	107	14
Year to Date					
2012	492	0	143	304	45
2013	517	0	158	317	43
2014	494	0	156	297	41
Rolling 12 Months Ending in March					
2013	2,011	0	537	1,287	NM
2014	1,962	0	615	1,180	NM

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed.
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Table 2.6.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2004-March 2014 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
Annual Totals					
2004	22,330	444	17,959	3,439	488
2005	22,089	560	17,655	3,289	584
2006	22,469	500	18,068	3,356	545
2007	21,796	553	17,885	2,921	437
2008	22,134	509	18,294	3,323	8
2009	22,095	465	17,872	3,622	137
2010	21,725	402	17,621	3,549	152
2011	19,016	388	15,367	3,103	158
2012	18,954	418	14,757	3,577	203
2013	17,862	456	13,808	3,420	177
2012					
January	1,523	30	1,189	288	16
February	1,427	27	1,106	278	16
March	1,557	36	1,212	293	15
April	1,525	38	1,177	293	18
May	1,648	41	1,274	313	20
June	1,631	37	1,277	299	18
July	1,688	35	1,325	311	16
August	1,641	40	1,274	310	17
Sept	1,555	30	1,207	301	18
October	1,583	38	1,220	308	18
November	1,554	34	1,224	280	15
December	1,623	31	1,272	304	16
2013					
January	1,421	32	1,090	284	NM
February	1,292	30	976	271	15
March	1,491	31	1,150	295	NM
April	1,455	43	1,109	289	15
May	1,526	43	1,195	275	NM
June	1,575	40	1,230	289	15
July	1,603	44	1,248	297	15
August	1,507	40	1,171	282	NM
Sept	1,456	38	1,129	276	14
October	1,474	41	1,131	286	16
November	1,410	40	1,082	274	15
December	1,652	35	1,300	302	16
2014					
January	1,457	28	1,123	290	15
February	1,281	24	992	251	13
March	1,515	38	1,170	292	15
Year to Date					
2012	4,507	93	3,508	859	48
2013	4,204	93	3,216	850	45
2014	4,253	91	3,285	833	43
Rolling 12 Months Ending in March					
2013	18,651	417	14,465	3,568	NM
2014	17,910	455	13,878	3,403	NM

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

Table 2.7.A. Consumption of Coal for Electricity Generation by State, by Sector, March 2014 and March 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	574	335	71.0%	134	103	437	230	0	0	3	1
Connecticut	132	4	NM	0	0	132	4	0	0	0	0
Maine	3	1	143.0%	0	0	1	1	0	0	2	1
Massachusetts	304	226	35.0%	0	0	304	226	0	0	NM	1
New Hampshire	134	103	29.0%	134	103	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	4,278	4,120	3.8%	NM	NM	4,250	4,096	NM	1	26	22
New Jersey	117	96	22.0%	0	0	117	96	0	0	0	0
New York	337	290	16.0%	NM	NM	329	283	0	0	6	6
Pennsylvania	3,825	3,734	2.4%	0	0	3,804	3,718	NM	1	20	16
East North Central	17,075	15,833	7.8%	11,939	11,255	5,028	4,476	8	8	100	94
Illinois	4,696	4,327	8.5%	536	617	4,100	3,652	2	3	57	55
Indiana	4,248	3,485	22.0%	4,035	3,266	210	215	2	2	NM	1
Michigan	2,655	2,524	5.2%	2,616	2,487	20	20	4	2	14	15
Ohio	3,727	3,501	6.4%	3,022	2,905	697	589	NM	NM	8	7
Wisconsin	1,750	1,996	-12.0%	1,730	1,980	0	0	NM	NM	20	16
West North Central	11,777	11,567	1.8%	11,628	11,426	0	0	8	7	141	134
Iowa	1,721	1,614	6.6%	1,638	1,535	0	0	5	4	78	75
Kansas	1,497	1,414	5.9%	1,497	1,414	0	0	0	0	0	0
Minnesota	1,368	1,139	20.0%	1,339	1,111	0	0	0	0	30	28
Missouri	3,697	3,710	-0.3%	3,691	3,704	0	0	3	3	3	3
Nebraska	1,307	1,335	-2.1%	1,285	1,314	0	0	0	0	23	21
North Dakota	1,993	2,168	-8.1%	1,986	2,161	0	0	0	0	7	7
South Dakota	192	187	2.9%	192	187	0	0	0	0	0	0
South Atlantic	10,845	9,509	14.0%	8,631	7,876	2,157	1,579	3	4	54	50
Delaware	60	49	23.0%	0	0	60	49	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,588	1,517	4.7%	1,532	1,471	52	42	0	0	NM	3
Georgia	1,627	1,478	10.0%	1,617	1,468	0	0	0	0	10	9
Maryland	910	605	51.0%	0	0	904	599	NM	NM	5	4
North Carolina	2,025	1,713	18.0%	1,969	1,660	51	48	1	2	4	3
South Carolina	875	862	1.5%	869	856	0	0	0	0	6	6
Virginia	773	1,030	-25.0%	680	959	83	61	NM	NM	10	9
West Virginia	2,987	2,257	32.0%	1,964	1,461	1,007	781	0	0	16	15
East South Central	7,025	7,696	-8.7%	6,953	7,365	45	305	NM	1	25	26
Alabama	1,677	1,896	-12.0%	1,674	1,892	0	0	0	0	3	4
Kentucky	3,196	3,744	-15.0%	3,196	3,744	0	0	0	0	0	0
Mississippi	310	481	-36.0%	265	177	45	305	0	0	0	0
Tennessee	1,841	1,574	17.0%	1,819	1,552	0	0	NM	1	22	22
West South Central	11,726	11,203	4.7%	5,935	5,792	5,775	5,394	0	0	16	16
Arkansas	1,674	1,434	17.0%	1,409	1,178	263	254	0	0	2	3
Louisiana	869	1,288	-33.0%	349	578	520	709	0	0	NM	NM
Oklahoma	1,509	1,356	11.0%	1,450	1,259	45	84	0	0	14	13
Texas	7,673	7,125	7.7%	2,727	2,777	4,946	4,348	0	0	0	0
Mountain	8,551	9,233	-7.4%	7,548	8,053	965	1,139	0	0	37	41
Arizona	1,771	1,731	2.3%	1,771	1,731	0	0	0	0	0	0
Colorado	1,292	1,478	-13.0%	1,289	1,475	NM	2	0	0	NM	NM
Idaho	2	1	5.3%	0	0	0	0	0	0	2	1
Montana	831	1,015	-18.0%	NM	NM	810	992	0	0	NM	NM
Nevada	287	224	28.0%	199	151	88	73	0	0	0	0
New Mexico	1,006	1,275	-21.0%	1,006	1,275	0	0	0	0	0	0
Utah	1,146	1,266	-9.5%	1,101	1,212	NM	NM	0	0	18	22
Wyoming	2,217	2,243	-1.2%	2,162	2,188	NM	NM	0	0	16	16
Pacific Contiguous	370	815	-55.0%	124	220	239	587	0	0	7	7
California	35	15	136.0%	0	0	29	9	0	0	6	6
Oregon	124	220	-44.0%	124	220	0	0	0	0	0	0
Washington	211	579	-64.0%	0	0	210	578	0	0	1	1
Pacific Noncontiguous	100	86	17.0%	17	18	74	57	9	9	NM	NM
Alaska	43	45	-2.9%	17	18	18	18	9	9	0	0
Hawaii	57	41	39.0%	0	0	55	39	0	0	NM	NM
U.S. Total	72,320	70,395	2.7%	52,911	52,109	18,970	17,863	29	29	410	393

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

Table 2.7.B. Consumption of Coal for Electricity Generation by State, by Sector, Year-to-Date through March 2014 and March 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	1,620	1,248	30.0%	383	362	1,230	881	0	0	7	5
Connecticut	361	192	88.0%	0	0	361	192	0	0	0	0
Maine	9	6	48.0%	0	0	4	3	0	0	5	3
Massachusetts	866	688	26.0%	0	0	865	687	0	0	2	2
New Hampshire	383	362	5.9%	383	362	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	13,165	12,138	8.5%	NM	NM	13,072	12,067	2	1	84	67
New Jersey	496	279	78.0%	0	0	496	279	0	0	0	0
New York	1,111	899	24.0%	NM	NM	1,085	878	0	0	19	18
Pennsylvania	11,558	10,961	5.5%	0	0	11,491	10,910	2	1	65	50
East North Central	53,302	48,802	9.2%	37,820	34,306	15,149	14,188	27	28	306	280
Illinois	14,162	13,530	4.7%	1,665	1,788	12,322	11,571	6	10	168	161
Indiana	13,597	11,248	21.0%	12,907	10,553	676	683	10	9	4	4
Michigan	7,965	7,958	0.1%	7,839	7,849	68	58	10	8	48	43
Ohio	11,513	10,339	11.0%	9,404	8,442	2,083	1,875	NM	NM	25	22
Wisconsin	6,066	5,726	5.9%	6,005	5,674	0	0	0	0	61	51
West North Central	37,211	35,155	5.8%	36,740	34,747	0	0	26	20	445	389
Iowa	5,584	5,126	8.9%	5,322	4,897	0	0	17	12	245	217
Kansas	4,713	4,721	-0.2%	4,713	4,721	0	0	0	0	0	0
Minnesota	4,533	3,660	24.0%	4,438	3,580	0	0	0	0	94	80
Missouri	11,687	11,060	5.7%	11,665	11,045	0	0	9	7	13	8
Nebraska	4,033	4,043	-0.2%	3,963	3,980	0	0	0	0	70	63
North Dakota	6,145	5,985	2.7%	6,122	5,965	0	0	0	0	23	20
South Dakota	517	561	-7.8%	517	561	0	0	0	0	0	0
South Atlantic	36,230	28,006	29.0%	29,672	22,966	6,376	4,890	11	10	169	140
Delaware	230	123	86.0%	0	0	230	123	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	5,611	4,220	33.0%	5,544	4,168	57	42	0	0	11	10
Georgia	6,385	4,328	48.0%	6,353	4,300	0	0	0	0	32	28
Maryland	2,760	1,733	59.0%	0	0	2,740	1,716	6	6	14	12
North Carolina	6,217	4,849	28.0%	6,070	4,708	131	126	5	4	11	10
South Carolina	3,034	2,471	23.0%	3,012	2,455	0	0	0	0	22	16
Virginia	2,949	2,408	22.0%	2,686	2,272	237	114	NM	NM	25	22
West Virginia	9,043	7,873	15.0%	6,008	5,063	2,981	2,769	0	0	54	41
East South Central	23,370	21,578	8.3%	22,691	20,564	598	937	2	1	78	75
Alabama	6,038	5,352	13.0%	6,024	5,338	0	0	0	0	14	14
Kentucky	10,561	10,750	-1.8%	10,561	10,750	0	0	0	0	0	0
Mississippi	1,606	1,336	20.0%	1,008	398	598	937	0	0	0	0
Tennessee	5,164	4,141	25.0%	5,098	4,078	0	0	2	1	64	62
West South Central	37,920	35,006	8.3%	19,386	18,348	18,493	16,617	0	0	41	41
Arkansas	5,197	4,457	17.0%	4,413	3,878	779	571	0	0	5	8
Louisiana	2,972	3,719	-20.0%	1,047	1,691	1,922	2,026	0	0	NM	NM
Oklahoma	4,837	4,364	11.0%	4,576	4,067	227	266	0	0	34	31
Texas	24,914	22,465	11.0%	9,350	8,711	15,565	13,754	0	0	0	0
Mountain	27,232	28,459	-4.3%	24,196	25,012	2,960	3,370	0	0	77	77
Arizona	5,471	5,248	4.3%	5,471	5,248	0	0	0	0	0	0
Colorado	4,664	4,740	-1.6%	4,656	4,733	7	6	0	0	NM	NM
Idaho	5	4	17.0%	0	0	0	0	0	0	5	4
Montana	2,585	3,019	-14.0%	NM	NM	2,518	2,950	0	0	3	2
Nevada	1,020	689	48.0%	771	492	249	197	0	0	0	0
New Mexico	2,863	3,856	-26.0%	2,863	3,856	0	0	0	0	0	0
Utah	3,728	3,798	-1.8%	3,634	3,682	NM	94	0	0	18	22
Wyoming	6,896	7,104	-2.9%	6,737	6,935	110	122	0	0	50	47
Pacific Contiguous	2,037	1,878	8.5%	556	673	1,461	1,183	0	0	19	22
California	55	71	-23.0%	0	0	38	52	0	0	16	19
Oregon	556	673	-17.0%	556	673	0	0	0	0	0	0
Washington	1,426	1,134	26.0%	0	0	1,423	1,131	0	0	3	3
Pacific Noncontiguous	295	251	17.0%	49	50	216	171	26	27	NM	NM
Alaska	128	131	-1.7%	49	50	53	54	26	27	0	0
Hawaii	167	121	38.0%	0	0	163	117	0	0	NM	NM
U.S. Total	232,381	212,521	9.3%	171,501	157,031	59,555	54,304	95	88	1,230	1,099

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	695	33	NM	98	10	566	17	NM	4	10	2
Connecticut	158	8	NM	NM	1	153	7	NM	NM	NM	NM
Maine	138	7	NM	NM	NM	131	6	NM	NM	5	1
Massachusetts	294	13	NM	39	6	243	NM	NM	NM	NM	0
New Hampshire	75	2	NM	52	1	19	NM	NM	NM	NM	NM
Rhode Island	21	2	NM	0	2	20	0	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	799	67	NM	290	5	493	53	NM	NM	NM	7
New Jersey	88	5	NM	NM	NM	85	5	NM	NM	NM	NM
New York	574	34	NM	289	5	273	21	NM	NM	NM	7
Pennsylvania	NM	28	NM	NM	NM	NM	28	NM	NM	NM	NM
East North Central	152	88	73.0%	92	72	58	14	NM	NM	NM	2
Illinois	NM	9	NM	NM	3	15	6	NM	NM	NM	NM
Indiana	NM	21	NM	NM	20	NM	NM	NM	NM	1	1
Michigan	23	16	42.0%	22	15	0	0	0	0	NM	1
Ohio	73	37	98.0%	31	30	41	7	NM	NM	NM	NM
Wisconsin	18	4	315.0%	16	3	2	1	NM	NM	NM	NM
West North Central	112	51	120.0%	104	50	8	NM	NM	NM	NM	0
Iowa	NM	16	NM	NM	15	NM	NM	NM	NM	NM	NM
Kansas	NM	7	NM	NM	7	0	0	0	0	0	0
Minnesota	29	2	NM	22	2	7	NM	NM	NM	NM	0
Missouri	38	14	180.0%	38	14	NM	NM	NM	NM	0	0
Nebraska	10	5	82.0%	10	5	0	0	0	0	0	0
North Dakota	NM	4	NM	NM	4	0	0	NM	NM	NM	NM
South Dakota	NM	2	NM	NM	2	NM	NM	NM	NM	0	0
South Atlantic	669	240	179.0%	380	196	233	26	NM	8	11	10
Delaware	44	3	NM	0	NM	44	3	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	110	105	4.6%	106	101	NM	2	0	0	NM	3
Georgia	12	15	-24.0%	NM	12	NM	NM	NM	NM	3	3
Maryland	191	25	665.0%	NM	NM	145	17	NM	8	0	0
North Carolina	55	42	32.0%	52	41	NM	NM	NM	NM	NM	NM
South Carolina	NM	14	NM	NM	12	0	0	NM	NM	2	2
Virginia	187	21	776.0%	156	15	29	4	NM	0	NM	2
West Virginia	24	15	64.0%	11	15	13	0	0	0	0	0
East South Central	46	53	-13.0%	41	48	NM	0	NM	NM	NM	5
Alabama	13	12	14.0%	7	7	NM	0	0	0	5	5
Kentucky	24	13	79.0%	24	13	0	0	0	0	0	0
Mississippi	NM	4	NM	NM	3	0	0	0	0	0	0
Tennessee	NM	25	NM	9	25	0	0	NM	NM	NM	NM
West South Central	47	26	82.0%	27	8	19	13	NM	NM	NM	5
Arkansas	4	4	11.0%	3	2	2	2	0	0	0	0
Louisiana	13	10	31.0%	2	2	11	4	0	0	1	4
Oklahoma	4	0	NM	4	0	0	0	NM	NM	0	NM
Texas	25	11	123.0%	19	3	6	8	NM	NM	NM	NM
Mountain	59	35	69.0%	55	32	NM	2	NM	NM	NM	0
Arizona	32	10	210.0%	32	10	0	0	NM	NM	0	0
Colorado	NM	2	NM	NM	2	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	NM	2	NM	NM	NM	3	2	0	0	0	0
Nevada	3	2	22.0%	3	2	0	0	0	0	0	0
New Mexico	11	7	59.0%	10	7	NM	NM	0	0	NM	NM
Utah	NM	2	NM	NM	2	NM	NM	0	0	NM	NM
Wyoming	5	9	-45.0%	5	9	0	0	0	0	NM	0
Pacific Contiguous	NM	9	NM	NM	5	2	NM	NM	NM	2	2
California	NM	NM	NM	5	4	0	NM	NM	NM	NM	0
Oregon	NM	1	NM	3	1	0	0	NM	NM	0	0
Washington	NM	3	NM	NM	NM	2	1	NM	NM	2	2
Pacific Noncontiguous	930	981	-5.2%	779	850	NM	122	NM	1	NM	8
Alaska	92	91	0.8%	89	85	0	0	NM	1	NM	5
Hawaii	839	890	-5.8%	690	764	NM	122	0	0	NM	3
U.S. Total	3,522	1,582	123.0%	1,876	1,275	1,520	251	NM	14	55	42

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	3,262	847	285.0%	440	141	2,679	667	NM	NM	38	11
Connecticut	817	276	196.0%	NM	NM	800	273	NM	NM	NM	NM
Maine	444	216	106.0%	NM	NM	419	209	NM	NM	15	4
Massachusetts	1,442	244	491.0%	223	64	1,158	NM	NM	NM	11	5
New Hampshire	433	74	486.0%	194	69	219	NM	NM	NM	NM	NM
Rhode Island	85	28	198.0%	0	4	82	23	NM	NM	0	0
Vermont	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Middle Atlantic	4,876	878	455.0%	1,482	303	3,335	546	NM	NM	NM	25
New Jersey	689	86	700.0%	NM	NM	678	84	NM	NM	NM	NM
New York	3,231	616	425.0%	1,475	301	1,709	288	NM	NM	29	23
Pennsylvania	956	NM	NM	NM	NM	948	NM	NM	NM	NM	NM
East North Central	583	276	111.0%	350	227	220	44	NM	NM	12	5
Illinois	62	31	103.0%	NM	11	39	20	NM	NM	NM	NM
Indiana	84	62	36.0%	78	60	NM	NM	NM	NM	5	2
Michigan	83	56	48.0%	80	54	0	0	0	0	3	2
Ohio	300	108	177.0%	121	86	175	22	NM	NM	NM	NM
Wisconsin	54	19	187.0%	48	16	6	2	NM	NM	NM	NM
West North Central	311	140	123.0%	290	137	20	2	NM	NM	1	1
Iowa	46	34	35.0%	NM	33	NM	NM	NM	NM	NM	NM
Kansas	NM	24	NM	NM	24	0	0	0	0	0	0
Minnesota	74	NM	NM	54	9	19	1	NM	NM	1	0
Missouri	111	40	175.0%	111	40	NM	NM	NM	NM	0	0
Nebraska	20	10	103.0%	20	10	0	0	0	0	0	0
North Dakota	17	14	25.0%	17	13	0	0	NM	NM	NM	0
South Dakota	NM	7	NM	NM	7	NM	NM	NM	NM	0	0
South Atlantic	4,302	735	486.0%	2,748	531	1,290	107	NM	NM	50	36
Delaware	235	16	NM	0	NM	235	16	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	206	NM	NM	195	NM	NM	0	0	14	8
Georgia	204	42	382.0%	129	30	59	NM	NM	NM	15	12
Maryland	894	126	612.0%	NM	NM	675	62	NM	NM	0	0
North Carolina	593	120	394.0%	543	112	42	NM	NM	NM	9	2
South Carolina	417	47	788.0%	391	NM	18	0	NM	NM	7	4
Virginia	1,528	128	NM	1,307	100	216	18	NM	0	6	9
West Virginia	106	50	111.0%	64	48	42	2	0	0	0	0
East South Central	374	188	99.0%	326	173	22	NM	NM	NM	25	15
Alabama	114	47	143.0%	68	33	22	NM	0	0	24	14
Kentucky	70	61	16.0%	70	61	0	0	0	0	0	0
Mississippi	NM	6	NM	NM	NM	0	0	0	0	0	1
Tennessee	183	74	148.0%	182	74	0	0	NM	NM	NM	NM
West South Central	120	95	26.0%	59	27	55	54	NM	NM	5	14
Arkansas	13	14	-7.1%	7	6	3	7	0	0	2	0
Louisiana	26	34	-22.0%	9	9	15	12	0	0	2	13
Oklahoma	6	2	230.0%	6	2	0	0	NM	NM	0	NM
Texas	75	45	65.0%	37	11	36	34	NM	NM	NM	NM
Mountain	127	100	27.0%	115	93	10	6	NM	NM	NM	1
Arizona	46	24	93.0%	46	24	0	0	NM	NM	0	0
Colorado	NM	6	NM	NM	6	0	0	0	0	NM	NM
Idaho	NM	NM	NM	NM	NM	0	0	0	0	0	0
Montana	10	4	115.0%	NM	NM	10	4	0	0	0	0
Nevada	5	6	-24.0%	5	5	0	1	0	0	0	0
New Mexico	31	25	26.0%	31	25	NM	NM	0	0	NM	NM
Utah	NM	16	NM	11	15	NM	NM	0	0	NM	NM
Wyoming	17	19	-7.6%	16	18	0	0	0	0	1	1
Pacific Contiguous	40	30	33.0%	NM	NM	11	NM	NM	NM	5	7
California	NM	NM	NM	13	13	7	NM	NM	NM	NM	1
Oregon	NM	NM	NM	5	2	0	0	NM	NM	0	0
Washington	14	13	12.0%	NM	NM	4	5	NM	NM	5	6
Pacific Noncontiguous	2,928	2,927	0.1%	2,464	2,577	NM	NM	3	3	NM	27
Alaska	289	291	-0.4%	281	275	0	0	2	2	NM	14
Hawaii	2,639	2,636	0.1%	2,183	2,302	NM	NM	1	1	NM	13
U.S. Total	16,923	6,215	172.0%	8,298	4,224	8,068	1,753	348	98	209	140

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	NM	NM	NM	0	0	0	0	0	0	NM	NM
New Jersey	NM	NM	NM	0	0	0	0	0	0	NM	NM
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	NM	NM	NM	0	0	0	0	0	0	NM	NM
East North Central	125	95	31.0%	75	38	43	51	0	0	8	6
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	40	38	4.1%	40	38	0	0	0	0	0	0
Michigan	35	NM	NM	29	0	2	3	0	0	NM	NM
Ohio	41	48	-14.0%	0	0	40	48	0	0	NM	NM
Wisconsin	9	4	113.0%	6	0	0	0	0	0	4	4
West North Central	0	0	24.0%	0	0	0	0	0	0	0	0
Iowa	0	0	24.0%	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	75	54	38.0%	71	50	0	0	0	0	4	4
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	71	50	43.0%	71	50	0	0	0	0	0	0
Georgia	4	4	-15.0%	0	0	0	0	0	0	4	4
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	28	18	51.0%	28	18	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	28	18	51.0%	28	18	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	189	179	5.5%	158	130	0	0	0	0	31	50
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	174	139	25.0%	158	130	0	0	0	0	NM	NM
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	15	40	-62.0%	0	0	0	0	0	0	15	40
Mountain	14	16	-13.0%	0	0	14	16	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	14	16	-13.0%	0	0	14	16	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	NM	NM	0	0	0	NM	0	0	0	0
California	0	NM	NM	0	0	0	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	439	371	18.0%	332	236	57	69	0	0	50	65

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	23	14	64.0%	0	0	0	0	0	0	23	14
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	13	11	12.0%	0	0	0	0	0	0	13	11
East North Central	311	270	15.0%	163	103	128	151	0	0	20	16
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	79	103	-23.0%	79	103	0	0	0	0	0	0
Michigan	84	14	494.0%	67	0	7	9	0	0	10	5
Ohio	122	142	-14.0%	0	0	121	142	0	0	1	0
Wisconsin	26	11	125.0%	17	0	0	0	0	0	8	11
West North Central	1	1	11.0%	0	0	0	0	1	1	0	0
Iowa	1	1	11.0%	0	0	0	0	1	1	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	223	69	222.0%	213	57	0	0	0	0	10	12
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	213	57	273.0%	213	57	0	0	0	0	0	0
Georgia	10	12	-17.0%	0	0	0	0	0	0	10	12
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	106	120	-12.0%	106	120	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	106	120	-12.0%	106	120	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	557	540	3.3%	475	429	0	0	0	0	82	111
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	517	449	15.0%	475	429	0	0	0	0	42	20
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	40	91	-56.0%	0	0	0	0	0	0	40	91
Mountain	40	46	-13.0%	0	0	40	46	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	40	46	-13.0%	0	0	40	46	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	1,261	1,066	18.0%	957	710	168	203	1	1	135	153

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

Table 2.10.A. Consumption of Natural Gas for Electricity Generation by State, by Sector, March 2014 and March 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector: Electric Utilities		Electric Power Sector: Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	19,987	26,711	-25.0%	139	181	18,142	24,158	742	706	964	1,665
Connecticut	7,391	9,350	-21.0%	5	5	6,841	8,838	NM	NM	NM	NM
Maine	2,146	3,163	-32.0%	0	0	1,489	1,779	NM	NM	632	1,362
Massachusetts	6,508	9,485	-31.0%	113	119	5,952	8,939	342	337	NM	NM
New Hampshire	1,983	2,306	-14.0%	17	53	1,944	2,232	NM	NM	NM	NM
Rhode Island	1,955	2,403	-19.0%	0	0	1,916	2,371	NM	NM	0	0
Vermont	4	4	-5.0%	4	4	0	0	0	0	0	0
Middle Atlantic	78,252	76,461	2.3%	8,409	9,421	68,328	65,594	750	729	766	NM
New Jersey	17,124	15,656	9.4%	0	NM	16,737	15,265	NM	NM	292	NM
New York	33,985	34,037	-0.2%	8,408	9,405	24,855	23,941	561	545	161	NM
Pennsylvania	27,143	26,767	1.4%	NM	0	26,736	26,388	NM	NM	312	NM
East North Central	36,396	39,433	-7.7%	13,946	14,151	20,421	23,168	1,111	1,135	917	979
Illinois	2,388	5,879	-59.0%	NM	268	1,472	4,802	670	NM	174	NM
Indiana	7,037	5,707	23.0%	5,289	4,022	1,483	1,393	NM	NM	240	270
Michigan	7,571	8,527	-11.0%	1,963	1,835	5,138	6,045	NM	224	NM	423
Ohio	15,825	13,586	16.0%	5,037	4,560	10,466	8,731	NM	NM	NM	NM
Wisconsin	3,574	5,734	-38.0%	1,587	3,467	1,863	2,197	NM	NM	NM	68
West North Central	4,853	11,044	-56.0%	3,870	8,794	723	2,041	NM	NM	NM	131
Iowa	NM	822	NM	NM	802	0	0	NM	NM	NM	NM
Kansas	947	2,018	-53.0%	915	1,993	0	0	0	0	32	25
Minnesota	1,506	4,316	-65.0%	1,176	3,959	NM	245	NM	NM	NM	60
Missouri	1,827	3,728	-51.0%	1,295	1,907	531	1,796	0	24	NM	NM
Nebraska	NM	119	NM	148	102	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	0	0	0	0	0	NM	NM
South Dakota	NM	NM	NM	NM	NM	0	0	0	0	0	0
South Atlantic	137,741	142,829	-3.6%	111,981	118,681	23,571	21,646	NM	NM	1,936	2,260
Delaware	3,642	5,433	-33.0%	0	0	2,988	4,544	0	0	654	889
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	79,027	77,949	1.4%	74,599	72,934	3,682	4,233	NM	NM	738	772
Georgia	18,640	24,438	-24.0%	14,389	20,182	3,943	3,883	0	0	308	373
Maryland	1,574	994	58.0%	0	0	1,383	816	NM	NM	NM	NM
North Carolina	14,813	16,019	-7.5%	9,652	11,848	5,103	4,121	0	5	58	46
South Carolina	6,800	7,982	-15.0%	5,895	7,145	879	772	0	0	NM	65
Virginia	12,677	9,778	30.0%	7,062	6,537	5,499	3,158	0	0	116	83
West Virginia	484	NM	NM	385	36	94	120	0	0	NM	NM
East South Central	50,216	55,612	-9.7%	26,736	29,692	20,927	23,401	NM	NM	2,433	2,406
Alabama	27,133	31,776	-15.0%	9,509	9,642	16,903	21,331	0	0	720	802
Kentucky	4,277	2,171	97.0%	3,656	1,741	470	292	0	0	NM	NM
Mississippi	17,208	17,041	1.0%	12,106	13,814	3,554	1,777	NM	NM	1,541	1,442
Tennessee	1,598	4,623	-65.0%	1,464	4,495	0	0	NM	NM	21	NM
West South Central	154,866	159,841	-3.1%	42,623	44,540	74,946	76,670	431	428	36,867	38,203
Arkansas	5,589	8,586	-35.0%	1,626	1,636	3,832	6,796	NM	NM	130	154
Louisiana	31,576	32,464	-2.7%	11,381	12,021	4,842	3,749	NM	NM	15,333	16,672
Oklahoma	13,441	18,775	-28.0%	9,244	15,766	4,137	2,951	NM	NM	60	59
Texas	104,260	100,016	4.2%	20,372	15,117	62,135	63,174	410	406	21,343	21,319
Mountain	33,862	39,485	-14.0%	22,275	22,892	10,271	15,207	246	251	1,071	1,136
Arizona	5,511	8,829	-38.0%	2,982	2,828	2,445	5,910	NM	NM	0	0
Colorado	8,146	6,778	20.0%	4,339	4,192	3,798	2,568	0	0	NM	NM
Idaho	370	1,627	-77.0%	139	342	199	1,250	0	0	NM	35
Montana	NM	NM	NM	NM	NM	NM	NM	0	0	0	0
Nevada	8,967	12,567	-29.0%	7,211	8,819	1,595	3,525	NM	NM	NM	169
New Mexico	5,687	4,516	26.0%	3,604	3,101	2,017	1,349	NM	NM	0	0
Utah	4,686	4,437	5.6%	3,784	3,188	NM	586	NM	NM	662	625
Wyoming	284	316	-9.9%	NM	NM	NM	NM	0	0	262	288
Pacific Contiguous	66,970	77,501	-14.0%	22,206	28,494	37,597	42,029	1,124	1,142	6,042	5,836
California	60,310	60,723	-0.7%	18,354	19,274	34,879	34,633	1,101	1,097	5,976	5,720
Oregon	2,895	10,227	-72.0%	583	3,454	2,258	6,645	NM	NM	38	83
Washington	3,764	6,551	-43.0%	3,269	5,766	461	752	NM	NM	28	33
Pacific Noncontiguous	2,351	3,196	-26.0%	2,321	3,150	0	0	NM	NM	NM	NM
Alaska	2,351	3,196	-26.0%	2,321	3,150	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	585,493	632,112	-7.4%	254,506	279,997	274,925	293,914	4,880	4,825	51,182	53,375

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

Table 2.10.B. Consumption of Nautral Gas for Electricity Generation by State, by Sector, Year-to-Date through March 2014 and March 2013 (Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	60,312	78,431	-23.0%	398	506	55,463	70,626	2,086	2,192	2,365	5,107
Connecticut	20,753	27,468	-24.0%	49	20	19,154	25,822	919	973	631	653
Maine	7,521	9,519	-21.0%	0	0	6,035	5,330	NM	NM	1,415	4,117
Massachusetts	22,686	27,135	-16.0%	320	355	21,127	25,479	950	996	289	NM
New Hampshire	3,012	7,514	-60.0%	18	119	2,932	7,331	NM	NM	NM	NM
Rhode Island	6,330	6,784	-6.7%	0	0	6,216	6,664	NM	NM	0	0
Vermont	10	13	-18.0%	10	13	0	0	0	0	0	0
Middle Atlantic	223,486	228,891	-2.4%	24,663	25,644	194,543	198,715	2,124	2,211	2,155	2,321
New Jersey	48,913	42,973	14.0%	0	NM	47,827	41,737	NM	NM	817	868
New York	96,591	100,349	-3.7%	24,657	25,606	69,912	72,683	1,589	1,611	434	449
Pennsylvania	77,982	85,568	-8.9%	NM	0	76,805	84,295	NM	NM	905	1,004
East North Central	121,680	109,459	11.0%	48,298	40,668	66,837	62,322	3,567	3,659	2,977	2,810
Illinois	9,693	12,929	-25.0%	391	538	6,706	9,694	2,082	2,179	513	518
Indiana	23,917	19,145	25.0%	17,864	13,109	5,231	5,276	NM	NM	750	685
Michigan	30,149	20,100	50.0%	8,412	4,269	19,940	13,982	569	647	1,228	1,202
Ohio	45,001	41,766	7.7%	15,407	13,769	28,667	27,030	710	NM	218	NM
Wisconsin	12,920	15,519	-17.0%	6,224	8,983	6,294	6,341	NM	7	268	188
West North Central	21,190	28,235	-25.0%	18,434	24,072	1,906	3,583	NM	173	424	407
Iowa	1,977	2,377	-17.0%	1,851	2,302	NM	0	NM	NM	NM	NM
Kansas	4,339	4,801	-9.6%	4,239	4,729	0	0	0	0	100	72
Minnesota	6,580	11,310	-42.0%	4,806	10,181	1,228	812	NM	141	157	176
Missouri	7,284	9,170	-21.0%	6,602	6,371	678	2,771	0	25	NM	NM
Nebraska	NM	269	NM	362	209	0	0	NM	NM	NM	NM
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	NM	NM
South Dakota	571	281	103.0%	571	281	0	0	0	0	0	0
South Atlantic	389,373	421,971	-7.7%	312,717	340,770	70,315	73,673	717	767	5,624	6,761
Delaware	8,561	11,557	-26.0%	0	0	6,768	8,843	0	0	1,793	2,714
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	219,580	229,139	-4.2%	205,786	214,474	11,577	12,317	NM	NM	2,189	2,320
Georgia	55,185	71,941	-23.0%	42,526	54,754	11,823	16,131	0	0	836	1,056
Maryland	3,797	2,613	45.0%	0	0	3,263	2,049	NM	NM	NM	NM
North Carolina	41,465	46,505	-11.0%	26,318	30,458	14,971	15,904	2	8	175	135
South Carolina	18,499	21,808	-15.0%	16,196	19,790	2,195	1,792	NM	0	109	226
Virginia	39,778	37,589	5.8%	20,196	21,112	19,164	16,273	0	0	418	205
West Virginia	2,268	565	301.0%	1,696	183	555	364	0	0	NM	NM
East South Central	160,899	167,969	-4.2%	92,265	95,435	61,351	65,322	345	NM	6,938	6,846
Alabama	77,874	90,571	-14.0%	26,335	28,016	49,321	60,040	0	0	2,219	2,515
Kentucky	13,946	4,429	215.0%	12,484	3,701	1,026	292	0	0	437	436
Mississippi	59,265	59,730	-0.8%	44,023	50,889	11,005	4,990	NM	NM	4,213	3,826
Tennessee	9,814	13,238	-26.0%	9,423	12,828	0	0	NM	NM	71	69
West South Central	501,701	482,740	3.9%	146,847	130,590	244,391	238,081	1,265	1,244	109,197	112,825
Arkansas	16,907	25,812	-35.0%	2,923	4,574	13,515	20,774	NM	NM	466	463
Louisiana	107,208	97,400	10.0%	39,543	37,370	21,240	10,942	NM	NM	46,364	49,026
Oklahoma	54,437	51,374	6.0%	42,657	41,617	11,605	9,590	0	0	176	167
Texas	323,149	308,154	4.9%	61,725	47,030	198,030	196,775	1,202	1,180	62,191	63,169
Mountain	114,584	122,951	-6.8%	71,731	76,410	38,755	42,284	804	749	3,294	3,509
Arizona	25,886	27,940	-7.4%	11,325	13,924	14,293	13,745	268	272	0	0
Colorado	20,733	18,371	13.0%	11,789	10,892	8,887	7,424	31	0	NM	NM
Idaho	5,252	5,371	-2.2%	2,736	1,757	2,409	3,437	0	0	107	177
Montana	NM	1,090	NM	NM	1,059	NM	NM	0	0	0	0
Nevada	30,243	41,990	-28.0%	22,631	29,824	7,112	11,476	171	163	329	527
New Mexico	15,902	14,255	12.0%	10,398	9,520	5,294	4,536	210	199	0	0
Utah	14,568	13,022	12.0%	11,732	9,382	NM	1,609	NM	116	2,041	1,916
Wyoming	909	911	-0.3%	NM	NM	NM	NM	0	0	789	835
Pacific Contiguous	246,281	235,391	4.6%	85,543	84,648	138,504	129,568	3,602	3,415	18,633	17,759
California	201,616	190,873	5.6%	58,987	61,394	120,765	108,763	3,496	3,294	18,369	17,422
Oregon	24,966	29,575	-16.0%	9,484	10,177	15,236	19,062	NM	NM	161	216
Washington	19,698	14,943	32.0%	17,072	13,078	2,503	1,744	NM	NM	103	121
Pacific Noncontiguous	8,216	9,626	-15.0%	8,088	9,501	0	0	NM	NM	NM	NM
Alaska	8,216	9,626	-15.0%	8,088	9,501	0	0	NM	NM	NM	NM
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,847,721	1,885,664	-2.0%	808,984	828,245	872,065	884,175	14,941	14,782	151,730	158,462

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	992	966	2.7%	0	0	938	898	NM	NM	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	NM	NM	NM	0	0	NM	NM	0	0	0	0
Massachusetts	376	359	4.7%	0	0	376	359	0	0	0	0
New Hampshire	188	NM	NM	0	0	134	128	NM	NM	0	0
Rhode Island	243	234	3.8%	0	0	243	234	0	0	0	0
Vermont	NM	NM	NM	0	0	NM	NM	0	0	0	0
Middle Atlantic	4,572	4,874	-6.2%	0	0	4,543	4,839	NM	NM	0	0
New Jersey	1,019	1,001	1.8%	0	0	1,019	1,001	0	0	0	0
New York	1,521	1,594	-4.6%	0	0	1,521	1,594	0	0	0	0
Pennsylvania	2,031	2,279	-11.0%	0	0	2,003	2,243	NM	NM	0	0
East North Central	5,578	6,388	-13.0%	631	730	4,894	5,595	NM	NM	NM	NM
Illinois	1,603	1,581	1.4%	0	0	1,603	1,581	0	0	0	0
Indiana	628	731	-14.0%	597	696	0	0	0	0	NM	NM
Michigan	1,783	1,701	4.8%	0	0	1,783	1,701	0	0	0	0
Ohio	263	1,026	-74.0%	NM	NM	245	1,009	0	0	0	0
Wisconsin	1,302	1,350	-3.6%	NM	NM	1,262	1,306	NM	NM	0	0
West North Central	986	949	3.9%	279	272	707	677	0	0	0	0
Iowa	221	213	3.7%	0	0	221	213	0	0	0	0
Kansas	134	129	4.1%	0	0	134	129	0	0	0	0
Minnesota	363	348	4.2%	NM	NM	300	286	0	0	0	0
Missouri	144	141	2.0%	NM	92	NM	NM	0	0	0	0
Nebraska	NM	118	NM	NM	118	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	3,812	3,673	3.8%	487	440	2,832	2,715	249	NM	244	NM
Delaware	147	140	5.1%	0	0	147	140	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	645	590	9.3%	183	149	462	441	0	0	0	0
Georgia	298	293	1.8%	0	0	247	236	NM	NM	0	0
Maryland	321	318	0.9%	0	0	148	143	173	NM	0	0
North Carolina	598	574	4.2%	0	0	598	574	0	0	0	0
South Carolina	582	578	0.6%	304	291	NM	NM	0	0	244	NM
Virginia	1,196	1,156	3.5%	0	0	1,170	1,125	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	343	327	4.9%	253	241	NM	86	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	253	241	5.0%	253	241	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	0	0	0	0
West South Central	1,597	1,551	3.0%	0	0	1,532	1,463	NM	NM	0	0
Arkansas	133	127	4.8%	0	0	133	127	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	1,464	1,424	2.8%	0	0	1,399	1,336	NM	NM	0	0
Mountain	361	344	4.9%	NM	NM	283	269	0	0	0	0
Arizona	NM	114	NM	NM	NM	NM	NM	0	0	0	0
Colorado	NM	NM	NM	0	0	NM	NM	0	0	0	0
Idaho	NM	NM	NM	0	0	NM	NM	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	132	126	4.9%	0	0	132	126	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,846	5,750	1.7%	775	734	3,137	2,970	1,934	2,046	0	0
California	5,012	4,947	1.3%	276	259	2,854	2,701	1,882	1,988	0	0
Oregon	463	449	3.2%	149	142	262	249	NM	NM	0	0
Washington	371	354	4.7%	350	333	NM	NM	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	24,086	24,822	-3.0%	2,503	2,492	18,955	19,513	2,353	2,527	275	NM

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	2,855	2,776	2.8%	0	0	2,683	2,579	172	NM	0	0
Connecticut	188	180	4.2%	0	0	188	180	0	0	0	0
Maine	164	157	4.4%	0	0	164	157	0	0	0	0
Massachusetts	1,068	1,025	4.2%	0	0	1,068	1,025	0	0	0	0
New Hampshire	558	569	-1.9%	0	0	386	372	172	NM	0	0
Rhode Island	704	679	3.6%	0	0	704	679	0	0	0	0
Vermont	173	166	4.5%	0	0	173	166	0	0	0	0
Middle Atlantic	13,607	14,171	-4.0%	0	0	13,518	14,067	NM	NM	0	0
New Jersey	2,934	2,871	2.2%	0	0	2,934	2,871	0	0	0	0
New York	4,316	4,549	-5.1%	0	0	4,316	4,549	0	0	0	0
Pennsylvania	6,357	6,752	-5.8%	0	0	6,268	6,647	NM	NM	0	0
East North Central	15,834	18,210	-13.0%	1,794	2,092	13,872	15,935	NM	NM	NM	NM
Illinois	4,545	4,505	0.9%	0	0	4,545	4,505	0	0	0	0
Indiana	1,783	2,087	-15.0%	1,686	1,985	0	0	0	0	NM	NM
Michigan	5,048	4,843	4.2%	0	0	5,048	4,843	0	0	0	0
Ohio	752	2,934	-74.0%	NM	NM	697	2,880	0	0	0	0
Wisconsin	3,707	3,840	-3.5%	NM	NM	3,582	3,707	NM	NM	0	0
West North Central	2,834	2,729	3.9%	829	806	2,004	1,923	0	0	0	0
Iowa	628	604	3.9%	0	0	628	604	0	0	0	0
Kansas	382	366	4.5%	0	0	382	366	0	0	0	0
Minnesota	1,043	1,004	3.9%	193	189	849	814	0	0	0	0
Missouri	433	422	2.7%	288	283	145	139	0	0	0	0
Nebraska	348	333	4.5%	348	333	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	10,953	10,684	2.5%	1,369	1,282	8,108	7,819	747	803	729	780
Delaware	414	397	4.4%	0	0	414	397	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,796	1,705	5.3%	499	446	1,297	1,260	0	0	0	0
Georgia	857	844	1.5%	0	0	702	674	154	NM	0	0
Maryland	941	957	-1.7%	0	0	429	415	511	542	0	0
North Carolina	1,702	1,637	3.9%	0	0	1,702	1,637	0	0	0	0
South Carolina	1,696	1,711	-0.9%	870	837	NM	95	0	0	729	780
Virginia	3,476	3,365	3.3%	0	0	3,395	3,274	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	975	936	4.2%	718	689	256	246	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	718	689	4.2%	718	689	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	189	181	4.1%	0	0	189	181	0	0	0	0
West South Central	4,568	4,431	3.1%	0	0	4,356	4,182	211	NM	0	0
Arkansas	378	362	4.2%	0	0	378	362	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	4,190	4,069	3.0%	0	0	3,979	3,820	211	NM	0	0
Mountain	1,022	980	4.3%	222	213	800	767	0	0	0	0
Arizona	340	326	4.2%	222	213	118	113	0	0	0	0
Colorado	170	162	4.4%	0	0	170	162	0	0	0	0
Idaho	137	131	4.3%	0	0	137	131	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	375	359	4.3%	0	0	375	359	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	16,980	16,665	1.9%	2,255	2,226	8,924	8,395	5,800	6,043	0	0
California	14,598	14,357	1.7%	833	862	8,124	7,627	5,641	5,869	0	0
Oregon	1,316	1,282	2.6%	421	404	736	704	159	NM	0	0
Washington	1,066	1,025	4.0%	1,001	961	NM	NM	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	69,627	71,582	-2.7%	7,189	7,309	54,522	55,914	7,091	7,477	825	882

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

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

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	327	324	0.8%	0	0	311	308	15	NM	0	0
Connecticut	119	115	3.2%	0	0	119	115	0	0	0	0
Maine	23	23	-0.8%	0	0	8	8	15	NM	0	0
Massachusetts	172	173	-0.9%	0	0	172	173	0	0	0	0
New Hampshire	13	12	5.0%	0	0	13	12	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	412	423	-2.5%	0	0	322	328	90	95	0	0
New Jersey	102	107	-4.6%	0	0	74	76	28	31	0	0
New York	156	154	1.3%	0	0	118	114	38	40	0	0
Pennsylvania	155	162	-4.7%	0	0	130	138	25	24	0	0
East North Central	17	21	-18.0%	3	3	0	0	14	18	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-3.9%	0	0	0	0	1	1	0	0
Michigan	13	17	-21.0%	0	0	0	0	13	17	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	3	-3.3%	3	3	0	0	0	0	0	0
West North Central	54	46	17.0%	36	28	17	16	1	NM	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	54	46	17.0%	36	28	17	16	1	NM	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	438	413	6.1%	0	0	407	381	31	32	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	293	285	2.8%	0	0	293	285	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	68	59	16.0%	0	0	68	59	0	NM	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	77	69	11.0%	0	0	46	37	31	32	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	1	NM	NM	0	0	0	0	0	0	1	NM
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	1	NM	NM	0	0	0	0	0	0	1	NM
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	NM	NM	0	0	0	NM	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	NM	NM	0	0	0	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	62	60	3.1%	0	0	62	60	0	0	0	0
California	41	40	2.3%	0	0	41	40	0	0	0	0
Oregon	8	8	4.9%	0	0	8	8	0	0	0	0
Washington	13	13	4.7%	0	0	13	13	0	0	0	0
Pacific Noncontiguous	32	33	-0.8%	0	0	0	0	32	33	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	32	33	-0.8%	0	0	0	0	32	33	0	0
U.S. Total	1,344	1,321	1.7%	38	31	1,120	1,094	185	195	1	NM

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

Table 2.12.B. Consumption of Biogenic Municipal Solid Waste Gas for Electricity Generation by State, by Sector, Year-to-Date through March 2014 and March 2013 (Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	907	861	5.3%	0	0	862	813	45	48	0	0
Connecticut	334	316	5.7%	0	0	334	316	0	0	0	0
Maine	67	70	-3.7%	0	0	22	21	45	48	0	0
Massachusetts	471	442	6.5%	0	0	471	442	0	0	0	0
New Hampshire	35	34	3.9%	0	0	35	34	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	1,149	1,164	-1.2%	0	0	893	897	257	266	0	0
New Jersey	304	291	4.4%	0	0	221	208	83	83	0	0
New York	435	426	2.2%	0	0	323	306	112	120	0	0
Pennsylvania	410	447	-8.1%	0	0	349	383	62	64	0	0
East North Central	52	52	-1.4%	7	8	0	0	44	44	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	2	2	-2.1%	0	0	0	0	2	2	0	0
Michigan	42	41	0.8%	0	0	0	0	42	41	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	7	8	-12.0%	7	8	0	0	0	0	0	0
West North Central	136	135	0.5%	84	84	48	46	4	NM	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	136	135	0.5%	84	84	48	46	4	NM	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,240	1,219	1.7%	0	0	1,150	1,129	90	90	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	821	819	0.2%	0	0	821	819	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	181	175	3.2%	0	0	181	175	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	239	224	6.4%	0	0	149	134	90	90	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	2	3	-7.6%	0	0	0	0	0	0	2	3
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	2	3	-7.6%	0	0	0	0	0	0	2	3
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	1	1	-2.5%	0	0	1	1	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	1	1	-2.5%	0	0	1	1	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	175	172	1.7%	0	0	175	172	0	0	0	0
California	117	116	0.7%	0	0	117	116	0	0	0	0
Oregon	22	21	3.9%	0	0	22	21	0	0	0	0
Washington	36	35	3.7%	0	0	36	35	0	0	0	0
Pacific Noncontiguous	97	79	22.0%	0	0	0	0	97	79	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	97	79	22.0%	0	0	0	0	97	79	0	0
U.S. Total	3,759	3,687	2.0%	91	93	3,129	3,058	536	533	2	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.
Notes: See Glossary for definitions. Values are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 2004 - March 2014

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

Notes: See Glossary for definitions. Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms.
Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following: Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 3.2 Stocks of Coal, Petroleum Liquids, and Petroleum Coke:
Electric Power Sector, by State, March 2014 and 2013

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	March 2014	March 2013	Percentage Change	March 2014	March 2013	Percentage Change	March 2014	March 2013	Percentage Change
New England	448	647	-31.0%	2,730	2,497	9.3%	0	0	--
Connecticut	W	W	W	1,009	1,159	-13.0%	0	0	--
Maine	0	0	--	W	W	W	0	0	--
Massachusetts	W	355	W	1,113	811	37.0%	0	0	--
New Hampshire	W	W	W	W	W	W	0	0	--
Rhode Island	0	0	--	W	W	W	0	0	--
Vermont	0	0	--	23	48	-51.0%	0	0	--
Middle Atlantic	4,734	6,467	-27.0%	3,835	5,100	-25.0%	W	W	W
New Jersey	840	815	3.1%	567	979	-42.0%	0	0	--
New York	266	328	-19.0%	2,388	3,296	-28.0%	0	0	--
Pennsylvania	3,627	5,323	-32.0%	880	825	6.7%	W	W	W
East North Central	20,602	30,098	-32.0%	1,179	1,166	1.2%	137	60	130.0%
Illinois	5,483	6,669	-18.0%	104	113	-8.3%	0	0	--
Indiana	6,740	8,706	-23.0%	111	110	1.1%	W	0	W
Michigan	2,860	4,954	-42.0%	416	431	-3.6%	W	W	W
Ohio	3,616	6,091	-41.0%	323	279	16.0%	W	W	W
Wisconsin	1,904	3,677	-48.0%	225	233	-3.2%	W	W	W
West North Central	20,745	28,980	-28.0%	937	1,016	-7.8%	0	0	--
Iowa	5,720	8,193	-30.0%	141	145	-2.6%	0	0	--
Kansas	3,256	3,548	-8.2%	150	161	-7.2%	0	0	--
Minnesota	W	W	W	139	158	-12.0%	0	0	--
Missouri	6,299	9,807	-36.0%	283	304	-6.8%	0	0	--
Nebraska	2,553	3,152	-19.0%	123	126	-2.7%	0	0	--
North Dakota	1,166	1,417	-18.0%	38	41	-7.5%	0	0	--
South Dakota	W	W	W	62	80	-22.0%	0	0	--
South Atlantic	22,077	36,745	-40.0%	11,856	13,449	-12.0%	W	W	W
Delaware	W	W	W	245	391	-37.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	W	W	W	6,296	6,940	-9.3%	W	W	W
Georgia	5,232	10,127	-48.0%	869	915	-5.0%	0	0	--
Maryland	634	1,473	-57.0%	621	802	-23.0%	0	0	--
North Carolina	W	6,505	W	1,141	1,224	-6.9%	0	0	--
South Carolina	4,079	5,841	-30.0%	657	635	3.5%	0	W	W
Virginia	1,056	1,135	-7.0%	1,878	2,391	-21.0%	0	0	--
West Virginia	3,588	5,585	-36.0%	150	151	-0.4%	W	W	W
East South Central	12,484	18,678	-33.0%	1,954	2,092	-6.6%	W	W	W
Alabama	3,292	5,752	-43.0%	283	317	-10.0%	0	0	--
Kentucky	5,666	7,544	-25.0%	254	263	-3.5%	W	W	W
Mississippi	776	2,044	-62.0%	584	562	3.8%	0	0	--
Tennessee	2,751	3,339	-18.0%	834	950	-12.0%	0	0	--
West South Central	20,422	28,493	-28.0%	2,176	2,445	-11.0%	W	W	W
Arkansas	2,699	3,621	-25.0%	W	239	W	0	0	--
Louisiana	3,209	3,195	0.4%	554	660	-16.0%	W	W	W
Oklahoma	3,064	4,782	-36.0%	W	195	W	0	0	--
Texas	11,450	16,896	-32.0%	1,311	1,352	-3.0%	0	W	W
Mountain	14,968	19,502	-23.0%	631	651	-3.1%	W	W	W
Arizona	2,645	4,246	-38.0%	179	210	-15.0%	0	0	--
Colorado	3,703	4,109	-9.9%	117	124	-5.6%	0	0	--
Idaho	0	0	--	W	W	W	0	0	--
Montana	W	W	W	W	W	W	W	W	W
Nevada	699	958	-27.0%	179	179	-0.3%	0	0	--
New Mexico	W	W	W	54	45	19.0%	0	0	--
Utah	3,562	4,611	-23.0%	49	50	-0.2%	0	0	--
Wyoming	2,517	3,626	-31.0%	36	26	40.0%	0	0	--
Pacific Contiguous	W	W	W	357	401	-11.0%	W	W	W
California	W	W	W	193	198	-2.9%	W	W	W
Oregon	W	W	W	W	W	W	0	0	--
Washington	W	W	W	W	W	W	0	0	--
Pacific Noncontiguous	W	W	W	2,560	2,861	-11.0%	0	0	--
Alaska	W	W	W	36	215	-83.0%	0	0	--
Hawaii	W	W	W	2,524	2,646	-4.6%	0	0	--
U.S. Total	117,974	171,518	-31.0%	28,215	31,678	-11.0%	349	406	-14.0%

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

Table 3.3 Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, by Census Divison, March 2014 and 2013

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	**March 2014**	**March 2013**	**Percentage Change**	**March 2014**	**March 2013**	**March 2014**	**March 2013**
Coal (Thousand Tons)							
New England	448	647	-30.7%	W	W	W	W
Middle Atlantic	4,734	6,467	-26.8%	0	0	4,734	6,467
East North Central	20,602	30,098	-31.5%	15,225	23,312	5,377	6,786
West North Central	20,745	28,980	-28.4%	20,745	28,980	0	0
South Atlantic	22,077	36,745	-39.9%	19,729	33,675	2,348	3,070
East South Central	12,484	18,678	-33.2%	12,484	18,678	0	0
West South Central	20,422	28,493	-28.3%	12,116	17,072	8,305	11,421
Mountain	14,968	19,502	-23.2%	13,837	W	1,131	W
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	W	W	W	W
U.S. Total	**117,974**	**171,518**	**-31.2%**	**95,229**	**141,849**	**22,745**	**29,669**
Petroleum Liquids (Thousand Barrels)							
New England	2,730	2,497	9.3%	405	431	2,325	2,066
Middle Atlantic	3,835	5,100	-24.8%	1,347	2,253	2,488	2,847
East North Central	1,179	1,166	1.2%	929	952	250	214
West North Central	937	1,016	-7.8%	W	988	W	28
South Atlantic	11,856	13,449	-11.8%	9,953	11,156	1,904	2,293
East South Central	1,954	2,092	-6.6%	W	W	W	W
West South Central	2,176	2,445	-11.0%	1,612	1,860	564	585
Mountain	631	651	-3.1%	W	W	W	W
Pacific Contiguous	357	401	-11.0%	W	W	W	W
Pacific Noncontiguous	2,560	2,861	-10.5%	W	W	W	W
U.S. Total	**28,215**	**31,678**	**-10.9%**	**20,513**	**23,459**	**7,701**	**8,219**
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	W	W	W	0	0	W	W
East North Central	137	60	130.2%	W	W	W	W
West North Central	0	0	--	0	0	0	0
South Atlantic	W	W	W	W	W	W	W
East South Central	W	W	W	W	W	0	0
West South Central	W	W	W	W	W	0	W
Mountain	W	W	W	0	0	W	W
Pacific Contiguous	W	W	W	0	0	W	W
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	**349**	**406**	**-14.1%**	**W**	**323**	**W**	**83**

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

Table 3.4. Stocks of Coal by Coal Rank: Electric Power Sector, 2004 - March 2014

	Electric Power Sector			
Period	**Bituminous Coal**	**Subbituminous Coal**	**Lignite Coal**	**Total**
End of Year Stocks				
2004	49,022	53,618	4,029	106,669
2005	52,923	44,377	3,836	101,137
2006	67,760	68,408	4,797	140,964
2007	63,964	82,692	4,565	151,221
2008	65,818	91,214	4,556	161,589
2009	91,922	92,448	5,097	189,467
2010	81,108	86,915	6,894	174,917
2011	82,056	85,151	5,179	172,387
2012	86,437	93,833	4,846	185,116
2013	72,963	69,996	5,014	147,973
2012, End of Month Stocks				
January	83,807	91,263	5,021	180,091
February	87,674	94,462	4,729	186,866
March	90,520	100,126	4,734	195,380
April	93,508	103,798	4,960	202,265
May	94,058	103,893	5,187	203,137
June	92,348	100,431	5,146	197,924
July	83,754	95,299	4,906	183,958
August	80,888	92,705	4,944	178,537
Sept	82,766	94,464	4,789	182,020
October	86,510	95,156	4,730	186,396
November	87,622	95,917	4,752	188,291
December	86,437	93,833	4,846	185,116
2013, End of Month Stocks				
January	83,389	90,707	4,651	178,747
February	81,674	89,169	4,482	175,325
March	80,360	86,403	4,755	171,518
April	82,410	85,237	5,007	172,654
May	84,105	86,420	6,145	176,670
June	81,649	82,805	6,080	170,534
July	75,586	78,290	5,660	159,536
August	72,684	75,942	5,493	154,119
Sept	71,739	74,966	5,481	152,185
October	73,687	74,261	5,405	153,352
November	74,861	75,637	5,256	155,754
December	72,963	69,996	5,014	147,973
2014, End of Month Stocks				
January	62,170	64,824	5,330	132,324
February	54,676	58,874	5,399	118,949
March	54,216	58,350	5,409	117,974

Notes: See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923. and predecessor forms. Totals may not equal sum of components because of independent rounding.
Sources: U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report, and predecessor forms. Beginning with 2008 data, the Form EIA-923, Power Plant Operations Report, replaced the following:
Form EIA-906, Power Plant Report; Form EIA-920, Combined Heat and Power Plant Report; Form EIA-423, Monthly Cost and Quality of Fuels for Electric Plants Report; and Federal Energy Regulatory Commission, FERC Form 423, Monthly Report of Cost and Quality of Fuels for Electric Plants.

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2004 - March 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	20,188,633	1,002,032	1.36	27.42	0.97	95.9	958,046	151,821	5.00	31.58	0.88	81.7
2005	20,647,307	1,021,437	1.54	31.20	0.98	95.9	986,258	157,221	7.59	47.61	0.77	84.7
2006	21,735,101	1,079,943	1.69	34.09	0.97	102.5	406,869	65,002	8.68	54.35	0.73	74.0
2007	21,152,358	1,054,664	1.77	35.48	0.96	98.6	375,260	60,068	9.59	59.93	0.71	62.6
2008	21,280,258	1,069,709	2.07	41.14	0.97	100.5	375,684	61,139	15.52	95.38	0.61	99.6
2009	19,437,966	981,477	2.21	43.74	1.01	102.8	330,043	54,181	10.25	62.47	0.54	104.8
2010	19,289,661	979,918	2.27	44.64	1.16	97.9	275,058	45,472	14.02	84.80	0.51	101.1
2011	18,675,843	956,538	2.39	46.65	1.19	100.0	216,752	36,158	19.94	119.54	0.60	116.1
2012	16,265,578	841,183	2.38	46.09	1.25	99.5	116,937	19,464	21.85	131.28	0.51	75.7
2013	15,570,755	803,206	2.35	45.50	1.30	91.3	123,567	20,348	20.59	125.06	0.46	79.2
2012												
January	1,480,587	77,241	2.37	45.47	1.19	106.2	11,646	1,937	21.66	130.26	0.51	77.9
February	1,338,494	69,194	2.38	46.12	1.29	106.8	8,226	1,372	22.16	132.92	0.50	76.8
March	1,274,079	65,492	2.39	46.59	1.25	110.9	9,681	1,593	22.29	135.43	0.51	84.0
April	1,176,104	59,906	2.42	47.54	1.30	112.7	7,788	1,302	23.58	141.17	0.59	71.4
May	1,254,371	64,477	2.42	47.01	1.29	100.3	8,596	1,445	23.02	136.98	0.56	69.0
June	1,294,346	67,090	2.36	45.52	1.29	91.7	12,141	2,007	22.01	133.16	0.52	79.2
July	1,403,271	72,850	2.40	46.22	1.19	82.7	12,495	2,064	20.43	123.72	0.54	71.1
August	1,504,806	77,652	2.40	46.47	1.23	92.1	10,040	1,672	21.12	126.85	0.50	74.8
Sept	1,383,347	71,970	2.38	45.68	1.20	101.4	8,209	1,357	21.91	132.56	0.48	76.1
October	1,397,904	72,425	2.36	45.57	1.23	106.5	8,718	1,451	22.23	133.66	0.41	72.8
November	1,388,563	71,846	2.36	45.63	1.25	100.5	8,623	1,441	22.30	133.48	0.45	76.8
December	1,369,707	71,041	2.36	45.60	1.27	94.9	10,773	1,824	20.63	121.91	0.55	79.7
2013												
January	1,314,386	68,094	2.35	45.29	1.27	88.8	10,661	1,769	21.01	126.70	0.50	57.1
February	1,201,145	61,998	2.35	45.46	1.35	90.3	10,741	1,749	21.01	129.18	0.46	84.3
March	1,262,552	64,822	2.35	45.86	1.35	90.0	14,178	2,306	20.16	123.96	0.46	126.8
April	1,202,488	61,226	2.38	46.69	1.36	98.2	6,085	1,017	21.53	128.87	0.51	54.7
May	1,300,089	66,503	2.37	46.38	1.32	100.4	8,589	1,416	20.71	125.63	0.50	70.4
June	1,292,065	66,654	2.36	45.77	1.26	87.0	6,973	1,164	20.97	125.63	0.50	60.8
July	1,364,276	71,348	2.32	44.27	1.20	84.2	10,653	1,765	20.51	123.78	0.48	59.6
August	1,435,848	74,510	2.33	44.91	1.27	89.3	11,956	1,956	19.69	120.38	0.44	96.8
Sept	1,331,684	68,838	2.35	45.38	1.29	92.9	9,869	1,624	20.16	122.60	0.38	89.7
October	1,286,635	66,005	2.35	45.73	1.34	97.2	10,093	1,665	20.85	126.36	0.43	97.5
November	1,285,565	66,194	2.33	45.34	1.30	98.1	12,749	2,094	20.10	122.55	0.46	116.7
December	1,294,022	67,013	2.34	45.21	1.29	84.9	11,021	1,823	21.22	128.15	0.43	69.6
2014												
January	1,295,681	67,813	2.30	43.88	1.26	79.4	26,826	4,498	21.85	130.48	0.42	40.7
February	1,191,664	61,243	2.33	45.26	1.35	78.6	26,033	4,284	21.60	131.44	0.44	127.3
March	1,374,868	69,854	2.37	46.58	1.35	94.4	15,151	2,506	21.94	132.69	0.44	64.9
Year to Date												
2012	4,093,160	211,927	2.38	46.03	1.24	107.8	29,553	4,903	22.01	132.71	0.51	79.5
2013	3,778,083	194,913	2.35	45.53	1.32	89.7	35,579	5,824	20.67	126.34	0.47	83.3
2014	3,862,213	198,909	2.33	45.25	1.32	83.8	68,010	11,288	21.78	131.34	0.43	61.8
Rolling 12 Months Ending in March												
2013	15,950,501	824,170	2.38	45.97	1.27	95.2	122,963	20,385	21.47	129.54	0.50	76.9
2014	15,654,885	807,202	2.34	45.43	1.30	89.8	155,998	25,812	21.09	127.51	0.44	69.8

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

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

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2004 - March 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	196,606	6,967	0.83	23.48	5.08	79.9	5,890,750	5,734,054	5.96	6.12	85.2	2.48
2005	211,776	7,502	1.11	31.35	5.15	82.3	6,356,868	6,181,717	8.21	8.44	88.1	3.25
2006	203,270	7,193	1.33	37.46	5.15	83.4	6,855,680	6,675,246	6.94	7.13	90.2	3.02
2007	161,091	5,656	1.51	43.02	5.07	77.5	7,396,233	7,200,316	7.11	7.30	90.4	3.23
2008	199,724	7,040	2.11	59.72	4.98	111.5	8,089,467	7,879,046	9.01	9.26	102.5	4.12
2009	197,921	6,954	1.61	45.89	4.63	119.3	8,319,329	8,118,550	4.74	4.86	102.3	3.04
2010	169,508	5,963	2.28	64.85	4.79	98.5	8,867,396	8,673,070	5.09	5.20	102.0	3.26
2011	171,100	5,980	3.03	86.78	5.01	98.2	9,250,652	9,056,164	4.72	4.83	103.8	3.29
2012	119,667	4,180	2.24	64.14	5.55	83.3	9,746,691	9,531,389	3.42	3.50	91.9	2.83
2013	129,737	4,555	2.16	61.50	5.43	75.5	8,677,544	8,463,303	4.33	4.44	90.0	3.10
2012												
January	11,219	393	2.43	69.57	5.15	64.9	702,012	687,733	3.69	3.77	91.4	2.86
February	8,815	304	2.30	67.01	5.34	64.6	695,018	680,275	3.34	3.42	91.7	2.77
March	9,788	344	1.90	54.10	5.67	102.7	724,404	709,072	2.99	3.05	91.6	2.69
April	9,077	317	2.11	60.29	5.30	106.0	774,136	755,344	2.71	2.78	92.9	2.61
May	8,583	300	2.57	73.30	5.51	86.8	866,898	847,784	2.94	3.00	92.5	2.70
June	10,175	351	2.32	67.41	5.65	92.3	933,407	912,633	3.11	3.18	92.4	2.76
July	7,560	264	2.41	69.46	5.73	62.0	1,134,111	1,108,411	3.43	3.51	92.3	2.92
August	8,618	301	2.45	70.17	5.73	63.8	1,050,429	1,027,710	3.50	3.58	91.8	2.89
Sept	11,925	417	2.39	68.43	5.65	96.9	856,022	837,053	3.41	3.49	92.2	2.81
October	9,915	348	2.00	56.95	5.64	87.5	726,388	710,327	3.84	3.93	92.1	2.91
November	10,964	384	2.05	58.34	5.59	88.3	628,800	614,906	4.25	4.35	90.3	2.99
December	13,029	458	2.06	58.45	5.66	107.6	655,067	640,143	4.21	4.31	90.7	3.01
2013												
January	9,901	348	2.02	57.79	5.64	66.2	674,846	658,835	4.38	4.49	89.1	3.09
February	9,560	336	W	W	5.42	76.3	605,664	591,385	4.39	4.50	89.0	W
March	8,081	284	W	W	5.50	59.7	647,612	631,717	4.29	4.40	89.2	W
April	11,010	387	2.26	64.50	5.37	85.8	606,715	591,713	4.67	4.78	89.8	3.16
May	11,519	403	2.32	66.15	5.39	76.7	662,786	645,559	4.62	4.75	90.4	3.16
June	11,292	398	2.39	67.99	5.09	73.9	779,828	760,011	4.42	4.54	91.0	3.15
July	11,964	418	2.27	64.99	5.46	75.9	943,799	919,088	4.20	4.31	90.8	3.12
August	10,669	372	2.23	64.10	5.40	66.1	935,780	913,083	3.91	4.00	90.7	3.00
Sept	12,082	422	2.15	61.43	5.39	81.2	787,778	770,983	4.08	4.17	90.8	3.02
October	11,948	422	2.11	59.82	5.39	81.7	681,492	664,318	4.11	4.21	90.1	3.00
November	9,462	332	1.98	56.57	5.45	79.0	640,042	623,987	4.19	4.30	88.6	3.01
December	12,249	433	1.99	56.11	5.69	84.9	711,200	692,624	4.91	5.04	89.2	3.28
2014												
January	9,894	350	1.73	48.87	5.25	66.0	708,596	690,842	7.03	7.21	89.5	4.09
February	10,083	356	W	W	5.46	82.8	587,256	572,056	7.39	7.59	87.8	W
March	12,939	457	2.00	56.64	5.81	91.6	604,201	588,706	6.00	6.15	88.9	3.53
Year to Date												
2012	29,822	1,040	2.22	63.76	5.39	73.8	2,121,434	2,077,079	3.34	3.41	91.6	2.78
2013	27,542	968	2.05	58.53	5.52	67.1	1,928,122	1,881,937	4.36	4.46	89.1	3.10
2014	32,915	1,163	1.92	54.51	5.54	79.7	1,900,052	1,851,604	6.82	6.99	88.8	3.91
Rolling 12 Months Ending in March												
2013	117,387	4,108	W	W	5.59	81.3	9,553,380	9,336,247	3.63	3.71	91.4	W
2014	135,110	4,751	W	W	5.44	78.5	8,649,474	8,432,970	4.87	4.99	89.9	W

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

Notes:
Starting in January 2013, there may be a shift in the continuity of Chapter 4 Tables, due to changes in the sample design of Form EIA-923 and the imputation process.
See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

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

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - March 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	15,440,681	758,557	1.34	27.30	0.91	98.2	592,478	93,034	4.80	30.57	1.01	89.6
2005	15,836,924	775,890	1.53	31.22	0.94	101.9	566,320	89,303	7.17	45.46	0.89	90.9
2006	16,197,852	797,361	1.69	34.26	0.92	105.8	269,033	42,415	8.33	52.80	0.82	79.2
2007	15,561,395	767,377	1.78	36.06	0.92	100.3	216,349	34,026	9.24	58.73	0.77	59.8
2008	15,347,396	764,399	2.06	41.32	0.93	100.5	240,937	38,891	15.83	98.09	0.60	99.7
2009	14,402,019	719,253	2.22	44.47	0.99	103.4	202,598	32,959	10.44	64.18	0.51	103.5
2010	14,226,995	713,094	2.27	45.33	1.14	98.8	189,790	31,099	13.94	85.07	0.48	101.0
2011	13,871,559	699,353	2.40	47.67	1.16	101.5	144,255	23,859	20.30	122.72	0.53	114.5
2012	11,939,543	609,445	2.43	47.51	1.18	99.0	86,030	14,252	22.11	133.44	0.41	81.3
2013	11,479,647	586,469	2.38	46.58	1.23	91.7	78,306	12,850	21.12	128.71	0.43	78.2
2012												
January	1,065,584	54,942	2.39	46.44	1.14	105.0	8,221	1,366	21.73	130.71	0.42	91.4
February	977,965	50,084	2.41	47.06	1.22	106.8	5,975	995	22.16	133.14	0.38	79.9
March	948,751	48,359	2.44	47.94	1.21	111.4	7,907	1,294	22.94	140.22	0.42	95.1
April	873,863	43,906	2.49	49.64	1.27	110.0	6,007	1,002	23.78	142.55	0.48	74.8
May	929,247	47,009	2.47	48.73	1.25	100.2	6,122	1,029	23.35	138.90	0.46	71.4
June	952,000	48,574	2.42	47.38	1.20	90.4	9,006	1,481	22.42	136.33	0.47	85.5
July	1,051,379	53,700	2.44	47.70	1.15	83.3	9,357	1,538	20.71	126.01	0.40	75.7
August	1,118,779	56,932	2.43	47.75	1.16	92.6	7,640	1,266	21.17	127.71	0.40	79.3
Sept	1,011,975	51,891	2.43	47.40	1.12	100.7	6,246	1,026	21.88	133.24	0.37	80.2
October	1,013,074	51,751	2.40	47.07	1.16	105.5	6,497	1,074	22.21	134.37	0.29	78.3
November	999,479	51,032	2.40	46.93	1.17	99.5	5,800	970	22.46	134.34	0.34	75.6
December	997,447	51,264	2.39	46.58	1.19	94.0	7,253	1,212	21.36	127.87	0.42	90.1
2013												
January	956,945	49,199	2.38	46.24	1.18	88.2	7,457	1,236	21.07	127.14	0.41	71.2
February	889,847	45,484	2.39	46.73	1.27	92.6	6,212	1,007	21.33	131.54	0.40	83.0
March	939,284	47,836	2.38	46.67	1.27	91.8	9,920	1,607	20.43	126.12	0.45	126.0
April	895,136	45,281	2.42	47.74	1.28	99.2	3,814	635	21.99	131.96	0.45	50.2
May	949,381	48,270	2.41	47.32	1.24	99.8	5,991	983	20.89	127.31	0.47	72.9
June	956,723	48,779	2.39	46.96	1.21	87.0	4,697	784	21.30	127.70	0.43	61.2
July	1,021,070	52,643	2.34	45.45	1.17	85.7	7,139	1,182	20.82	125.77	0.44	63.9
August	1,060,523	54,375	2.37	46.24	1.21	88.4	8,381	1,353	19.78	122.53	0.45	95.1
Sept	964,553	49,265	2.38	46.63	1.22	92.5	4,862	792	21.66	132.99	0.34	67.7
October	947,064	48,221	2.37	46.51	1.28	97.3	6,119	1,008	21.97	133.42	0.40	83.8
November	949,052	48,528	2.37	46.37	1.22	97.6	6,293	1,033	21.60	131.57	0.41	82.7
December	950,070	48,587	2.37	46.37	1.23	85.6	7,421	1,230	21.90	132.08	0.43	86.8
2014												
January	926,836	47,957	2.30	44.54	1.17	76.8	12,029	2,016	21.72	129.65	0.32	43.8
February	863,914	43,902	2.33	45.91	1.28	78.2	12,405	2,045	21.75	132.02	0.49	112.2
March	988,920	49,861	2.38	47.13	1.30	94.2	8,996	1,474	21.54	131.41	0.39	78.6
Year to Date												
2012	2,992,300	153,386	2.42	47.11	1.19	107.5	22,103	3,655	22.28	134.74	0.41	89.1
2013	2,786,075	142,519	2.38	46.54	1.24	90.8	23,588	3,850	20.87	127.86	0.43	91.1
2014	2,779,670	141,720	2.34	45.87	1.25	82.6	33,431	5,535	21.68	130.99	0.42	66.7
Rolling 12 Months Ending in March												
2013	11,733,319	598,578	2.42	47.38	1.20	95.0	87,515	14,447	21.73	131.63	0.41	81.9
2014	11,473,242	585,670	2.37	46.42	1.23	89.6	88,148	14,535	21.40	129.81	0.42	70.9

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

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

Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2004 - March 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	107,985	3,817	0.89	25.15	5.10	92.0	1,542,746	1,499,933	6.15	6.33	82.9	1.87
2005	102,450	3,632	1.29	36.31	5.16	87.9	1,835,221	1,780,721	8.32	8.57	83.4	2.38
2006	99,471	3,516	1.49	42.21	5.11	97.2	2,222,289	2,163,113	7.36	7.56	87.3	2.45
2007	84,812	2,964	1.73	49.57	5.09	105.6	2,378,104	2,315,637	7.47	7.67	84.6	2.61
2008	80,987	2,843	2.13	60.51	5.36	123.8	2,856,354	2,784,642	9.15	9.39	102.0	3.33
2009	109,126	3,833	1.68	47.84	5.02	138.8	3,033,133	2,962,640	5.50	5.63	101.8	2.87
2010	103,152	3,628	2.38	67.65	5.03	109.1	3,395,962	3,327,919	5.43	5.54	101.1	2.99
2011	99,208	3,445	3.08	88.73	5.17	99.9	3,571,348	3,507,613	5.00	5.09	101.8	3.08
2012	72,782	2,521	2.30	66.40	5.46	119.8	4,083,579	4,003,457	3.74	3.81	97.6	2.86
2013	99,088	3,463	2.10	60.05	5.34	101.6	3,736,948	3,654,627	4.50	4.60	96.9	2.98
2012												
January	7,379	255	2.45	71.02	4.81	85.9	279,420	274,897	4.05	4.12	96.4	2.85
February	6,359	217	2.46	71.86	5.19	94.5	273,306	268,688	3.72	3.79	97.7	2.78
March	5,557	194	1.93	55.37	5.76	181.7	293,402	288,321	3.39	3.45	97.6	2.79
April	4,870	169	1.98	57.09	5.08	140.6	323,371	315,071	3.12	3.21	98.1	2.76
May	4,136	143	2.75	79.88	5.42	95.2	376,312	368,744	3.27	3.33	97.8	2.79
June	5,504	188	2.40	70.40	5.87	110.8	400,778	392,707	3.42	3.49	97.4	2.84
July	3,695	127	2.64	76.56	5.84	70.0	491,080	480,504	3.64	3.72	97.7	2.92
August	5,434	188	2.62	75.86	5.63	110.5	444,330	435,215	3.80	3.88	97.3	2.91
Sept	8,450	294	2.50	71.95	5.53	162.9	356,511	349,654	3.74	3.82	97.4	2.85
October	7,203	251	2.07	59.25	5.53	161.4	304,602	298,960	4.18	4.26	98.1	2.90
November	6,304	221	2.00	57.04	5.51	126.3	262,811	257,894	4.49	4.58	97.3	2.91
December	7,891	276	2.05	58.55	5.55	162.2	277,655	272,801	4.47	4.55	98.5	2.94
2013												
January	6,816	237	1.97	56.67	5.52	93.7	288,755	282,814	4.37	4.46	98.1	2.94
February	7,272	254	2.05	58.54	5.32	115.4	259,966	254,812	4.30	4.39	98.0	2.91
March	5,449	190	2.00	57.27	5.37	80.5	280,493	274,440	4.44	4.54	98.0	2.99
April	8,309	291	2.23	63.79	5.23	133.8	257,094	251,642	4.89	4.99	98.0	3.02
May	8,610	301	2.28	65.22	5.28	83.5	286,257	279,472	4.84	4.96	98.4	3.05
June	8,302	291	2.36	67.19	4.88	83.7	343,902	336,201	4.65	4.76	96.8	3.05
July	9,006	314	2.25	64.47	5.35	93.2	405,204	395,665	4.38	4.49	95.5	3.00
August	7,910	274	2.15	62.01	5.24	82.6	415,031	406,236	4.15	4.24	95.5	2.96
Sept	10,687	373	2.09	59.92	5.32	114.6	343,087	335,876	4.36	4.45	96.3	2.96
October	9,457	333	2.06	58.58	5.37	114.9	293,607	287,021	4.41	4.51	97.0	2.93
November	7,486	262	1.87	53.23	5.41	120.6	262,233	256,260	4.46	4.56	95.8	2.91
December	9,784	343	1.84	52.48	5.75	125.9	301,318	294,189	4.95	5.07	97.1	3.09
2014												
January	8,753	309	1.72	48.60	5.22	88.7	308,366	301,321	6.20	6.34	97.9	3.44
February	8,883	312	2.01	57.15	5.47	113.1	247,398	241,650	7.01	7.18	98.0	3.55
March	11,235	396	1.94	54.97	5.85	119.1	257,274	251,457	5.92	6.06	98.8	3.22
Year to Date												
2012	19,295	666	2.30	66.74	5.24	105.1	846,128	831,906	3.72	3.78	97.2	2.81
2013	19,537	681	2.01	57.53	5.40	96.0	829,215	812,066	4.37	4.46	98.1	2.95
2014	28,870	1,017	1.89	53.70	5.54	106.3	813,037	794,428	6.36	6.51	98.2	3.40
Rolling 12 Months Ending in March												
2013	73,024	2,536	2.22	63.93	5.51	116.3	4,066,665	3,983,617	3.87	3.95	97.8	--
2014	108,422	3,799	2.06	58.80	5.38	103.9	3,720,770	3,636,989	4.93	5.05	96.9	--

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

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

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - March 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	4,410,775	227,700	1.41	27.27	1.13	93.3	337,011	54,152	5.35	33.31	0.61	93.6
2005	4,459,333	229,071	1.56	30.39	1.10	83.0	381,871	61,753	8.30	51.34	0.54	97.2
2006	5,204,402	266,856	1.69	33.04	1.09	97.7	117,524	19,236	9.65	58.98	0.45	104.9
2007	5,275,454	273,216	1.71	33.11	1.06	97.5	125,025	20,486	10.49	64.01	0.45	85.0
2008	5,395,142	281,258	2.03	38.98	1.04	100.4	82,124	13,657	16.30	98.03	0.41	94.4
2009	4,563,080	240,687	2.11	39.94	1.06	101.1	68,030	11,408	10.02	59.76	0.37	102.0
2010	4,555,898	243,585	2.20	41.15	1.21	96.0	49,598	8,420	14.80	87.19	0.35	89.9
2011	4,292,284	233,295	2.28	41.95	1.25	95.9	41,599	7,096	20.30	119.01	0.50	106.9
2012	4,036,436	218,341	2.21	40.92	1.42	104.9	23,922	4,073	22.34	131.28	0.44	79.8
2013	3,890,699	207,886	2.21	41.37	1.49	94.9	43,238	7,170	19.69	118.82	0.45	109.3
2012												
January	388,350	21,060	2.26	41.77	1.31	115.4	2,714	456	22.60	134.74	0.30	105.3
February	337,872	18,053	2.27	42.45	1.46	113.6	1,746	295	23.54	139.55	0.43	98.9
March	301,945	16,043	2.19	41.20	1.38	115.8	893	151	24.81	146.34	0.43	63.0
April	279,069	14,935	2.14	39.96	1.36	128.0	1,229	210	25.16	147.95	0.44	77.7
May	301,903	16,397	2.21	40.78	1.39	104.1	1,913	324	23.65	139.61	0.42	75.9
June	319,532	17,466	2.14	39.18	1.56	98.3	2,573	433	21.63	128.42	0.44	71.3
July	327,180	17,996	2.24	40.71	1.31	82.4	2,341	397	20.68	121.95	0.56	61.1
August	359,430	19,491	2.25	41.57	1.42	92.8	1,813	310	21.95	128.49	0.44	73.6
Sept	347,329	18,971	2.17	39.83	1.41	106.6	1,531	262	W	W	0.48	81.4
October	360,456	19,549	2.19	40.38	1.41	113.1	1,785	306	23.25	135.64	0.43	87.1
November	365,210	19,708	2.22	41.11	1.46	106.7	2,446	410	22.75	135.68	0.40	108.5
December	348,160	18,669	2.24	41.72	1.50	101.0	2,937	518	19.60	110.92	0.51	73.8
2013												
January	340,941	18,161	2.22	41.69	1.51	95.5	2,933	489	21.08	126.71	0.54	47.7
February	296,408	15,858	2.18	40.82	1.57	89.1	4,331	709	20.66	126.55	0.51	115.4
March	306,254	16,226	2.25	42.38	1.58	89.6	4,003	658	19.62	119.28	0.41	193.9
April	291,480	15,251	2.22	42.45	1.61	101.1	2,062	348	W	W	0.44	95.8
May	333,182	17,460	2.23	42.66	1.54	107.9	2,398	401	20.47	122.55	0.43	94.5
June	319,506	17,178	2.22	41.35	1.41	90.9	2,041	343	20.50	122.16	0.43	80.9
July	325,945	17,938	2.19	39.79	1.28	83.2	3,347	557	20.01	120.25	0.46	64.6
August	358,153	19,383	2.17	40.08	1.42	95.5	3,431	579	19.52	115.72	0.39	152.7
Sept	350,561	18,838	2.20	41.01	1.48	97.9	4,937	820	18.63	112.25	0.40	173.0
October	322,743	17,045	2.24	42.38	1.50	102.6	3,890	644	19.12	115.46	0.47	190.2
November	318,976	16,898	2.19	41.26	1.51	105.8	6,387	1,049	18.51	113.03	0.49	283.7
December	326,549	17,650	2.21	40.93	1.45	87.0	3,478	573	19.70	119.32	0.41	60.6
2014												
January	351,567	19,088	2.25	41.36	1.46	90.7	14,487	2,432	22.03	131.48	0.46	43.1
February	311,297	16,615	2.27	42.58	1.54	83.2	13,355	2,195	21.47	130.96	0.38	186.9
March	367,068	19,161	2.31	44.22	1.49	99.7	6,040	1,013	22.58	134.67	0.52	62.4
Year to Date												
2012	1,028,167	55,156	2.24	41.83	1.38	114.9	5,354	903	23.31	138.42	0.36	92.8
2013	943,604	50,246	2.22	41.64	1.55	91.5	11,267	1,857	20.38	123.89	0.47	93.7
2014	1,029,933	54,864	2.28	42.73	1.50	91.1	33,882	5,640	21.91	131.87	0.43	66.9
Rolling 12 Months Ending in March												
2013	3,951,873	213,430	2.21	40.85	1.46	99.3	29,834	5,027	W	W	0.47	82.3
2014	3,977,028	212,504	2.23	41.66	1.47	94.7	65,853	10,953	W	W	0.44	84.2

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Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
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Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Form EIA-423, "Monthly Cost and Quality of Fuels for Electric Plants Report" and Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants"

Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2004 - March 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	73,745	2,609	0.72	20.30	4.95	81.0	3,491,942	3,403,474	5.86	6.01	93.1	3.43
2005	92,706	3,277	0.90	25.42	5.09	82.9	3,675,165	3,578,722	8.20	8.42	95.8	4.69
2006	85,924	3,031	1.07	30.34	5.13	87.1	3,742,865	3,647,102	6.66	6.84	97.4	3.82
2007	56,580	1,994	1.02	28.95	4.88	69.3	4,097,825	3,990,546	6.92	7.11	97.2	4.06
2008	79,122	2,788	1.47	41.85	4.63	98.8	4,061,830	3,956,155	8.93	9.17	100.5	5.07
2009	49,619	1,732	1.31	37.63	3.87	93.6	4,087,573	3,987,721	4.30	4.41	100.7	3.18
2010	30,079	1,050	1.74	49.80	3.84	72.3	4,212,611	4,119,103	4.94	5.05	100.6	3.57
2011	33,643	1,175	2.54	72.85	4.55	84.6	4,252,040	4,158,617	4.62	4.72	100.8	3.52
2012	23,024	801	0.82	23.98	5.49	92.1	4,810,553	4,696,637	3.17	3.25	93.8	2.74
2013	16,150	575	W	W	5.39	63.3	4,190,714	4,080,785	4.25	4.36	93.1	W
2012												
January	2,378	84	0.75	21.66	5.78	81.3	349,484	341,570	3.44	3.52	93.9	2.83
February	2,027	71	W	W	5.74	80.6	354,095	345,712	3.08	3.15	93.6	W
March	2,331	81	W	W	5.72	113.6	361,777	353,324	2.65	2.72	93.3	W
April	1,925	67	W	W	5.46	145.3	381,808	373,193	2.34	2.40	94.9	W
May	1,868	65	W	W	5.66	105.2	421,157	411,534	2.68	2.74	94.5	W
June	2,609	90	1.52	44.78	5.17	153.1	460,670	449,871	2.85	2.92	94.4	2.59
July	2,447	86	1.37	40.26	5.40	119.6	568,098	555,197	3.28	3.35	94.2	2.89
August	1,096	38	1.02	29.88	5.35	39.1	533,502	520,978	3.25	3.32	93.6	2.84
Sept	832	29	W	W	5.05	40.7	431,134	420,686	3.17	3.25	94.8	W
October	951	33	W	W	5.25	45.2	351,334	342,548	3.63	3.72	94.0	W
November	2,194	76	W	W	5.33	120.2	296,103	288,823	4.16	4.26	91.8	W
December	2,364	82	W	W	5.58	125.5	301,391	293,201	4.03	4.14	90.9	W
2013												
January	1,444	52	0.00	0.00	5.37	64.1	324,443	315,935	4.56	4.68	92.8	3.33
February	1,424	51	0.00	0.00	5.39	70.3	286,512	279,141	4.69	4.81	91.6	3.44
March	1,474	53	0.00	0.00	5.36	67.4	304,053	296,416	4.35	4.46	92.3	3.31
April	1,507	54	W	W	5.44	73.0	291,416	283,497	4.56	4.68	93.0	W
May	1,628	57	W	W	5.43	111.6	314,292	305,531	4.47	4.60	92.9	W
June	1,541	54	W	W	5.43	77.8	371,688	361,468	4.22	4.34	93.5	W
July	1,543	54	W	W	5.37	66.2	474,886	461,576	4.07	4.18	93.9	W
August	951	34	W	W	5.36	32.6	456,115	444,009	3.69	3.79	93.9	W
Sept	118	4	W	W	5.22	5.9	384,536	376,720	3.84	3.91	94.0	W
October	1,492	53	W	W	5.33	70.0	325,798	317,076	3.87	3.98	93.1	W
November	1,490	52	W	W	5.43	74.2	313,805	305,625	4.04	4.14	92.5	W
December	1,538	55	W	W	5.42	70.6	343,171	333,790	5.02	5.17	93.0	W
2014												
January	922	33	W	W	5.35	51.9	336,351	327,554	8.50	8.73	92.6	W
February	1,039	38	0.00	0.00	5.27	60.8	282,583	274,887	8.21	8.44	89.4	5.16
March	1,127	41	W	W	5.47	62.5	285,397	277,577	6.35	6.53	91.7	W
Year to Date												
2012	6,737	236	0.63	18.28	5.75	89.9	1,065,356	1,040,606	3.05	3.13	93.6	2.66
2013	4,341	156	0.00	0.00	5.37	67.1	915,008	891,493	4.53	4.65	92.2	3.36
2014	3,088	112	W	W	5.37	58.4	904,331	880,018	7.73	7.95	91.3	W
Rolling 12 Months Ending in March												
2013	20,628	721	W	W	5.38	85.9	4,660,205	4,547,523	3.47	3.55	93.5	W
2014	14,896	531	W	W	5.39	61.2	4,180,037	4,069,310	4.94	5.07	92.9	W

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

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

Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 2004 - March 2014

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	10,682	451	2.08	49.32	2.48	23.5	3,066	527	6.19	35.96	0.20	26.9
2005	11,081	464	2.57	61.21	2.43	24.2	1,684	289	8.28	48.22	0.17	18.3
2006	12,207	518	2.63	61.95	2.51	27.5	798	137	13.50	78.70	0.17	15.5
2007	12,419	531	2.67	62.46	2.58	27.6	249	43	14.04	81.93	0.17	6.2
2008	43,997	2,009	2.65	58.12	1.73	99.4	3,800	633	17.84	107.10	0.37	102.0
2009	41,182	1,876	2.90	63.68	1.67	104.3	3,517	583	10.82	65.26	0.45	122.1
2010	37,778	1,747	2.82	61.06	1.77	101.6	2,395	400	15.24	91.25	0.38	106.3
2011	35,892	1,686	2.92	62.24	1.78	101.1	1,959	325	19.67	118.66	0.55	108.0
2012	4,427	192	3.41	78.71	2.75	13.2	247	43	W	W	0.00	11.0
2013	3,507	151	W	W	3.05	10.7	0	0	--	--	--	0.0
2012												
January	399	17	W	W	2.86	11.3	10	2	23.14	133.20	0.00	2.2
February	394	17	3.62	83.49	2.90	12.7	2	0	W	W	0.00	1.7
March	416	18	3.50	81.68	2.65	14.0	2	0	W	W	0.00	1.5
April	523	22	W	W	1.62	21.2	14	3	W	W	0.00	13.8
May	409	18	3.71	85.51	2.70	16.4	5	1	W	W	0.00	3.3
June	291	13	W	W	2.57	11.7	48	8	W	W	0.00	30.3
July	239	10	W	W	2.87	8.6	21	4	W	W	0.00	6.5
August	464	21	W	W	2.69	17.1	47	8	W	W	0.00	24.8
Sept	241	11	W	W	3.13	9.9	19	3	W	W	0.00	16.5
October	159	7	W	W	3.53	6.9	42	7	W	W	0.00	31.5
November	380	17	W	W	3.19	13.5	18	3	W	W	0.00	10.1
December	511	22	2.94	67.86	3.21	15.7	18	3	W	W	0.00	10.3
2013												
January	390	17	W	W	2.99	11.3	0	0	--	--	--	0.0
February	394	17	W	W	3.07	12.0	0	0	--	--	--	0.0
March	489	21	W	W	2.74	15.5	0	0	--	--	--	0.0
April	241	10	W	W	3.04	9.6	0	0	--	--	--	0.0
May	383	17	W	W	2.96	14.6	0	0	--	--	--	0.0
June	355	16	W	W	2.91	14.7	0	0	--	--	--	0.0
July	209	9	W	W	3.41	8.6	0	0	--	--	--	0.0
August	386	17	W	W	2.82	15.8	0	0	--	--	--	0.0
Sept	143	6	W	W	3.37	6.2	0	0	--	--	--	0.0
October	61	3	W	W	3.34	2.7	0	0	--	--	--	0.0
November	202	9	W	W	3.52	7.4	0	0	--	--	--	0.0
December	254	11	W	W	3.45	8.3	0	0	--	--	--	0.0
2014												
January	400	18	W	W	3.06	11.8	0	0	--	--	--	0.0
February	407	18	W	W	2.91	12.2	0	0	--	--	--	0.0
March	452	20	W	W	2.72	13.9	0	0	--	--	--	0.0
Year to Date												
2012	1,209	52	3.52	81.28	2.80	12.5	14	2	23.93	138.41	0.00	2.0
2013	1,273	55	W	W	2.92	12.9	0	0	--	--	--	0.0
2014	1,259	55	W	W	2.89	12.6	0	0	--	--	--	0.0
Rolling 12 Months Ending in March												
2013	4,491	194	W	W	2.79	13.3	233	41	W	W	0.00	9.9
2014	3,493	152	W	W	3.04	10.7	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: Commerical Sector, 2004 - March 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	0	0	--	--	--	0.0	16,176	15,804	5.93	6.07	21.9	4.58
2005	0	0	--	--	--	0.0	17,600	17,142	8.38	8.60	25.2	6.25
2006	0	0	--	--	--	0.0	21,369	20,819	8.33	8.55	30.7	6.42
2007	0	0	--	--	--	0.0	23,502	22,955	7.99	8.18	32.8	6.20
2008	370	14	2.14	58.36	5.53	135.3	71,670	69,877	9.01	9.24	105.5	6.94
2009	252	9	1.65	46.54	5.11	102.8	81,134	79,308	5.18	5.30	105.0	4.58
2010	410	15	2.19	60.59	5.67	122.5	92,055	90,130	5.39	5.51	105.1	4.83
2011	268	9	W	W	5.46	147.4	95,287	93,306	5.20	5.31	107.2	W
2012	0	0	--	--	--	0.0	18,315	18,008	5.88	5.98	16.2	W
2013	0	0	--	--	--	0.0	5,497	5,450	W	W	5.1	W
2012												
January	0	0	--	--	--	0.0	1,688	1,657	6.82	6.95	18.1	W
February	0	0	--	--	--	0.0	1,758	1,727	6.32	6.43	19.6	W
March	0	0	--	--	--	0.0	1,587	1,560	6.24	6.35	17.6	W
April	0	0	--	--	--	0.0	1,465	1,438	5.45	5.55	16.9	W
May	0	0	--	--	--	0.0	1,230	1,208	5.51	5.61	13.7	W
June	0	0	--	--	--	0.0	1,265	1,244	5.49	5.58	12.9	W
July	0	0	--	--	--	0.0	1,530	1,507	5.30	5.39	12.4	W
August	0	0	--	--	--	0.0	1,273	1,255	5.79	5.88	11.9	W
Sept	0	0	--	--	--	0.0	1,495	1,477	5.25	5.32	15.9	W
October	0	0	--	--	--	0.0	1,733	1,705	5.47	5.56	19.8	W
November	0	0	--	--	--	0.0	1,593	1,565	6.41	6.52	18.9	W
December	0	0	--	--	--	0.0	1,698	1,666	6.17	6.29	20.1	W
2013												
January	0	0	--	--	--	0.0	330	327	W	W	3.5	W
February	0	0	--	--	--	0.0	361	357	W	W	4.2	W
March	0	0	--	--	--	0.0	382	378	W	W	4.3	W
April	0	0	--	--	--	0.0	375	371	W	W	4.7	W
May	0	0	--	--	--	0.0	467	464	W	W	5.7	W
June	0	0	--	--	--	0.0	404	401	W	W	4.9	W
July	0	0	--	--	--	0.0	445	440	W	W	4.5	W
August	0	0	--	--	--	0.0	414	411	W	W	4.3	W
Sept	0	0	--	--	--	0.0	560	554	W	W	6.6	W
October	0	0	--	--	--	0.0	633	629	W	W	7.5	W
November	0	0	--	--	--	0.0	529	524	W	W	5.7	W
December	0	0	--	--	--	0.0	599	592	W	W	5.7	W
2014												
January	0	0	--	--	--	0.0	405	400	W	W	4.1	W
February	0	0	--	--	--	0.0	296	292	W	W	3.3	W
March	0	0	--	--	--	0.0	354	349	W	W	4.1	W
Year to Date												
2012	0	0	--	--	--	0.0	5,033	4,944	6.46	6.58	18.4	5.93
2013	0	0	--	--	--	0.0	1,072	1,062	W	W	4.0	W
2014	0	0	--	--	--	0.0	1,054	1,042	W	W	3.8	W
Rolling 12 Months Ending in March												
2013	0	0	--	--	--	0.0	14,354	14,126	W	W	12.7	W
2014	0	0	--	--	--	0.0	5,479	5,430	W	W	5.1	W

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

	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2004	326,495	15,324	1.63	34.79	1.43	57.6	25,491	4,107	4.98	30.93	1.38	18.5
2005	339,968	16,011	1.94	41.17	1.42	61.9	36,383	5,876	6.64	41.13	1.36	26.4
2006	320,640	15,208	2.03	42.76	1.47	60.2	19,514	3,214	7.57	45.95	1.30	21.2
2007	303,091	13,540	2.20	49.16	1.36	60.1	33,637	5,514	8.53	52.06	1.33	38.8
2008	493,724	22,044	2.72	60.96	1.28	100.7	48,822	7,958	12.50	76.69	1.01	109.0
2009	431,686	19,661	2.81	61.68	1.22	99.5	55,899	9,232	9.83	59.52	0.83	112.8
2010	468,991	21,492	2.75	60.08	1.26	87.2	33,276	5,554	13.21	79.15	0.93	125.6
2011	476,108	22,204	2.93	62.86	1.33	99.5	28,939	4,878	17.67	104.83	1.08	144.8
2012	285,172	13,206	3.02	65.24	1.33	65.8	6,739	1,095	W	W	1.52	40.8
2013	196,902	8,700	W	W	1.51	44.4	2,023	328	18.42	113.46	1.66	14.6
2012												
January	26,254	1,221	W	W	1.35	60.6	700	113	17.49	108.36	1.64	23.6
February	22,263	1,040	2.99	63.96	1.36	56.8	503	82	W	W	1.46	37.0
March	22,967	1,071	3.06	65.58	1.23	63.6	879	147	W	W	1.15	54.3
April	22,649	1,044	W	W	1.37	70.5	538	87	W	W	1.47	44.5
May	22,811	1,053	3.07	66.43	1.42	67.4	556	91	W	W	1.40	45.8
June	22,523	1,037	W	W	1.45	66.8	515	84	W	W	1.52	50.8
July	24,473	1,143	W	W	1.30	66.8	776	125	W	W	1.63	74.9
August	26,133	1,208	W	W	1.36	70.9	540	88	W	W	1.62	47.6
Sept	23,802	1,098	W	W	1.24	71.5	413	66	W	W	1.71	40.5
October	24,214	1,117	W	W	1.28	70.4	394	64	W	W	1.58	25.8
November	23,495	1,089	W	W	1.32	66.0	359	58	W	W	1.54	31.5
December	23,589	1,085	3.02	65.67	1.30	61.9	565	91	W	W	1.67	43.2
2013												
January	16,110	717	W	W	1.42	41.5	271	44	18.59	114.45	1.76	17.1
February	14,495	639	W	W	1.54	39.9	199	33	18.09	110.10	1.38	16.3
March	16,525	739	W	W	1.41	43.1	255	41	18.33	114.33	1.69	22.5
April	15,631	684	W	W	1.54	44.6	209	34	W	W	1.73	16.6
May	17,144	757	W	W	1.47	48.0	200	32	18.00	112.37	1.65	15.3
June	15,481	682	W	W	1.36	43.2	234	38	18.49	114.07	1.83	21.3
July	17,052	759	W	W	1.50	45.8	167	27	17.47	108.96	1.84	14.0
August	16,786	736	W	W	1.51	46.2	143	24	18.57	112.14	1.82	12.4
Sept	16,427	728	W	W	1.58	47.1	70	12	18.34	110.96	1.45	8.3
October	16,767	736	W	W	1.56	44.7	84	14	19.32	119.82	0.80	9.3
November	17,334	760	W	W	1.65	45.2	69	12	20.57	123.01	0.99	7.6
December	17,149	765	W	W	1.61	43.4	122	20	19.07	117.04	1.57	10.1
2014												
January	16,877	750	W	W	1.49	41.6	310	50	19.16	117.73	1.34	10.0
February	16,046	707	W	W	1.53	43.0	274	44	20.61	127.88	1.01	16.4
March	18,428	812	W	W	1.63	46.2	115	19	21.18	130.19	1.11	7.4
Year to Date												
2012	71,484	3,333	3.03	65.01	1.31	60.3	2,082	343	15.92	96.79	1.39	35.2
2013	47,130	2,094	W	W	1.45	41.5	725	118	18.36	113.20	1.66	18.3
2014	51,351	2,270	W	W	1.55	43.6	698	113	20.06	123.74	1.17	11.1
Rolling 12 Months Ending in March												
2013	260,819	11,967	W	W	1.36	61.1	5,382	870	W	W	1.58	37.0
2014	201,122	8,875	W	W	1.54	44.9	1,997	324	W	W	1.47	12.3

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Petroleum Liquids includes distillate and residual fuel oils, jet fuel, kerosene, waste oil, and beginning in 2011, propane. Prior to 2011 propane was included in Other Gases.
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Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2004 - March 2014 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMbtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2004	14,876	540	0.98	27.01	5.59	40.4	839,886	814,843	6.04	6.22	68.4	4.76
2005	16,620	594	1.21	33.75	5.44	58.2	828,882	805,132	8.00	8.24	74.3	6.18
2006	17,875	646	1.63	45.05	5.43	42.7	869,157	844,211	7.02	7.22	75.7	5.64
2007	19,700	698	1.96	55.42	5.52	43.6	896,803	871,178	6.97	7.18	82.9	5.78
2008	39,246	1,396	3.34	93.84	4.92	117.9	1,099,613	1,068,372	8.95	9.22	111.9	7.10
2009	38,924	1,381	1.80	50.82	4.51	114.2	1,117,489	1,088,880	4.27	4.38	110.0	4.02
2010	35,866	1,269	2.46	69.38	4.90	100.5	1,166,768	1,135,917	4.64	4.77	110.4	4.24
2011	37,981	1,351	W	W	5.03	108.3	1,331,977	1,296,628	4.28	4.40	122.0	W
2012	23,861	858	2.62	72.96	5.86	42.2	834,245	813,288	2.97	3.05	70.8	W
2013	14,500	517	W	W	6.08	30.3	744,385	722,441	W	W	63.0	W
2012												
January	1,461	54	3.34	91.14	5.57	26.5	71,420	69,608	3.21	3.30	73.8	W
February	428	16	W	W	5.31	10.5	65,859	64,147	2.85	2.93	72.2	W
March	1,900	68	W	W	5.33	44.1	67,637	65,868	2.58	2.66	72.5	W
April	2,282	82	W	W	5.64	61.4	67,492	65,641	2.34	2.41	72.7	W
May	2,579	93	W	W	5.53	69.1	68,198	66,297	2.38	2.46	69.8	W
June	2,062	73	2.59	72.74	5.79	48.2	70,695	68,812	2.65	2.73	70.4	W
July	1,419	51	2.58	71.62	6.07	29.9	73,402	71,204	2.94	3.04	66.4	W
August	2,088	75	2.60	72.32	6.13	37.0	71,324	70,263	3.12	3.17	67.1	W
Sept	2,643	95	W	W	6.16	53.0	66,883	65,236	2.83	2.91	68.3	W
October	1,760	63	W	W	6.27	38.0	68,718	67,113	3.20	3.28	71.8	W
November	2,466	88	W	W	6.01	44.7	68,292	66,625	3.61	3.71	71.7	W
December	2,773	100	W	W	6.05	52.9	74,324	72,475	3.81	3.91	74.0	W
2013												
January	1,642	59	2.23	62.30	6.34	31.0	61,318	59,759	W	W	58.9	W
February	863	31	W	W	6.39	21.1	58,825	57,075	W	W	62.7	W
March	1,159	41	W	W	6.25	25.7	62,684	60,482	W	W	61.7	W
April	1,194	43	W	W	6.25	26.6	57,831	56,203	W	W	62.7	W
May	1,281	45	W	W	6.08	39.7	61,770	60,091	W	W	64.4	W
June	1,450	52	W	W	5.91	43.4	63,835	61,941	W	W	66.9	W
July	1,415	50	W	W	6.27	37.7	63,264	61,407	W	W	63.2	W
August	1,807	63	W	W	6.14	50.7	64,219	62,428	W	W	63.4	W
Sept	1,277	45	W	W	5.96	36.4	59,596	57,833	W	W	63.5	W
October	998	36	W	W	5.60	24.3	61,454	59,591	W	W	64.1	W
November	486	17	W	W	6.03	13.2	63,475	61,578	W	W	63.8	W
December	927	35	W	W	5.52	22.2	66,113	64,053	W	W	61.3	W
2014												
January	219	8	W	W	6.07	6.7	63,475	61,566	W	W	60.9	W
February	161	6	W	W	6.30	6.3	56,978	55,227	W	W	62.5	W
March	577	21	W	W	5.82	20.9	61,176	59,323	W	W	61.5	W
Year to Date												
2012	3,790	138	2.82	77.50	5.42	27.1	204,916	199,623	2.89	2.97	72.8	3.02
2013	3,664	131	2.27	63.72	6.32	26.4	182,827	177,316	W	W	61.0	W
2014	957	34	W	W	5.96	11.3	181,630	176,116	W	W	61.6	W
Rolling 12 Months Ending in March												
2013	23,735	851	W	W	6.01	42.1	812,156	790,980	W	W	67.9	W
2014	11,792	421	W	W	5.99	27.7	743,187	721,242	W	W	63.1	W

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See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions.
Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.
See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.
Totals may not equal sum of components because of independent rounding.
Petroleum Coke includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
See the Technical Notes for fuel conversion factors.

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	427	276	55.0%	42	83	377	191	0	0	8	3
Connecticut	176	25	592.0%	0	0	176	25	0	0	0	0
Maine	14	8	92.0%	0	0	7	5	0	0	8	3
Massachusetts	194	161	21.0%	0	0	194	161	0	0	0	0
New Hampshire	42	83	-49.0%	42	83	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	3,697	3,245	14.0%	0	0	3,653	3,220	0	0	44	24
New Jersey	114	84	37.0%	0	0	114	84	0	0	0	0
New York	476	241	97.0%	0	0	444	226	0	0	31	16
Pennsylvania	3,107	2,920	6.4%	0	0	3,094	2,911	0	0	13	9
East North Central	16,921	14,276	19.0%	10,712	9,472	5,949	4,554	9	12	251	238
Illinois	5,662	4,426	28.0%	541	528	4,944	3,723	0	0	178	176
Indiana	3,801	3,007	26.0%	3,520	2,825	281	182	0	0	0	0
Michigan	1,726	1,794	-3.8%	1,707	1,771	0	0	9	12	10	12
Ohio	4,113	3,509	17.0%	3,363	2,837	723	649	0	0	26	23
Wisconsin	1,619	1,539	5.2%	1,581	1,512	0	0	0	0	37	28
West North Central	11,600	11,024	5.2%	11,480	10,883	0	0	11	9	109	131
Iowa	1,479	1,505	-1.7%	1,370	1,374	0	0	0	0	109	131
Kansas	1,646	1,495	10.0%	1,646	1,495	0	0	0	0	0	0
Minnesota	1,322	1,054	25.0%	1,322	1,054	0	0	0	0	0	0
Missouri	3,678	3,367	9.2%	3,667	3,357	0	0	11	9	0	0
Nebraska	1,368	1,362	0.4%	1,368	1,362	0	0	0	0	0	0
North Dakota	1,933	2,062	-6.2%	1,933	2,062	0	0	0	0	0	0
South Dakota	175	179	-2.4%	175	179	0	0	0	0	0	0
South Atlantic	9,876	8,618	15.0%	7,474	7,032	2,225	1,467	0	0	177	118
Delaware	92	34	171.0%	0	0	92	34	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,645	1,302	26.0%	1,596	1,237	49	65	0	0	0	0
Georgia	1,513	1,554	-2.7%	1,454	1,533	0	0	0	0	59	21
Maryland	805	522	54.0%	0	0	767	491	0	0	38	31
North Carolina	1,237	1,329	-6.9%	1,237	1,329	0	0	0	0	0	0
South Carolina	739	757	-2.4%	719	748	0	0	0	0	20	9
Virginia	969	626	55.0%	820	531	118	56	0	0	31	39
West Virginia	2,876	2,492	15.0%	1,648	1,654	1,198	821	0	0	29	18
East South Central	6,717	7,366	-8.8%	6,502	6,837	66	386	0	0	149	144
Alabama	1,544	1,648	-6.3%	1,544	1,648	0	0	0	0	0	0
Kentucky	3,045	3,593	-15.0%	3,045	3,593	0	0	0	0	0	0
Mississippi	211	539	-61.0%	145	154	66	386	0	0	0	0
Tennessee	1,917	1,586	21.0%	1,769	1,442	0	0	0	0	149	144
West South Central	11,118	10,926	1.8%	5,577	5,740	5,541	5,185	0	0	0	0
Arkansas	1,277	1,224	4.3%	1,112	1,109	164	115	0	0	0	0
Louisiana	760	1,282	-41.0%	302	624	458	659	0	0	0	0
Oklahoma	1,481	1,376	7.7%	1,389	1,272	93	104	0	0	0	0
Texas	7,599	7,043	7.9%	2,773	2,735	4,826	4,308	0	0	0	0
Mountain	8,661	8,528	1.6%	7,879	7,593	751	920	0	0	30	15
Arizona	1,863	1,626	15.0%	1,863	1,626	0	0	0	0	0	0
Colorado	1,520	1,476	3.0%	1,520	1,476	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	676	844	-20.0%	0	0	676	844	0	0	0	0
Nevada	476	220	117.0%	400	144	76	76	0	0	0	0
New Mexico	986	1,265	-22.0%	986	1,265	0	0	0	0	0	0
Utah	1,092	1,149	-5.0%	1,062	1,134	0	0	0	0	30	15
Wyoming	2,049	1,948	5.2%	2,049	1,948	0	0	0	0	0	0
Pacific Contiguous	778	506	54.0%	195	195	540	245	0	0	44	66
California	98	66	48.0%	0	0	54	0	0	0	44	66
Oregon	195	195	-0.2%	195	195	0	0	0	0	0	0
Washington	486	245	98.0%	0	0	486	245	0	0	0	0
Pacific Noncontiguous	60	58	2.4%	0	0	60	58	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	60	58	2.4%	0	0	60	58	0	0	0	0
U.S. Total	69,854	64,822	7.8%	49,861	47,836	19,161	16,226	20	21	812	739

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

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	1,006	884	14.0%	115	258	874	615	0	0	17	11
Connecticut	386	70	454.0%	0	0	386	70	0	0	0	0
Maine	41	27	51.0%	0	0	24	16	0	0	17	11
Massachusetts	463	529	-12.0%	0	0	463	529	0	0	0	0
New Hampshire	115	258	-55.0%	115	258	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	9,758	9,445	3.3%	0	0	9,648	9,334	0	0	110	111
New Jersey	337	214	57.0%	0	0	337	214	0	0	0	0
New York	1,067	733	46.0%	0	0	996	652	0	0	71	81
Pennsylvania	8,354	8,498	-1.7%	0	0	8,315	8,468	0	0	39	30
East North Central	45,109	41,562	8.5%	28,237	26,780	16,139	14,074	19	23	714	685
Illinois	15,569	13,853	12.0%	1,435	1,540	13,643	11,823	0	0	492	490
Indiana	9,857	8,537	15.0%	9,187	7,945	671	591	0	0	0	0
Michigan	4,588	4,846	-5.3%	4,504	4,789	32	0	19	23	33	34
Ohio	10,481	9,673	8.3%	8,611	7,943	1,793	1,659	0	0	77	72
Wisconsin	4,613	4,653	-0.9%	4,500	4,563	0	0	0	0	113	89
West North Central	34,351	33,001	4.1%	33,973	32,643	0	0	37	31	341	327
Iowa	4,586	4,781	-4.1%	4,245	4,454	0	0	0	0	341	327
Kansas	4,823	4,533	6.4%	4,823	4,533	0	0	0	0	0	0
Minnesota	3,609	3,257	11.0%	3,609	3,257	0	0	0	0	0	0
Missouri	10,761	10,552	2.0%	10,724	10,521	0	0	37	31	0	0
Nebraska	3,909	3,789	3.2%	3,909	3,789	0	0	0	0	0	0
North Dakota	6,170	5,589	10.0%	6,170	5,589	0	0	0	0	0	0
South Dakota	492	501	-1.7%	492	501	0	0	0	0	0	0
South Atlantic	25,952	25,764	0.7%	19,526	20,525	5,927	4,862	0	0	499	377
Delaware	187	147	27.0%	0	0	187	147	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,511	4,035	12.0%	4,436	3,970	75	65	0	0	0	0
Georgia	3,754	4,492	-16.0%	3,634	4,411	0	0	0	0	120	82
Maryland	2,156	1,745	24.0%	0	0	2,043	1,647	0	0	113	98
North Carolina	3,010	3,595	-16.0%	3,010	3,595	0	0	0	0	0	0
South Carolina	2,025	2,266	-11.0%	1,965	2,238	0	0	0	0	60	29
Virginia	2,715	1,624	67.0%	2,359	1,417	257	98	0	0	99	110
West Virginia	7,595	7,859	-3.4%	4,122	4,895	3,366	2,905	0	0	107	59
East South Central	19,876	21,297	-6.7%	18,836	19,754	618	1,139	0	0	421	404
Alabama	4,968	4,989	-0.4%	4,968	4,989	0	0	0	0	0	0
Kentucky	8,812	9,823	-10.0%	8,812	9,823	0	0	0	0	0	0
Mississippi	976	1,614	-40.0%	358	475	618	1,139	0	0	0	0
Tennessee	5,119	4,871	5.1%	4,699	4,467	0	0	0	0	421	404
West South Central	34,947	34,696	0.7%	17,627	18,328	17,320	16,368	0	0	0	0
Arkansas	4,457	3,920	14.0%	3,953	3,494	504	426	0	0	0	0
Louisiana	2,227	3,491	-36.0%	859	1,820	1,367	1,671	0	0	0	0
Oklahoma	4,748	4,377	8.5%	4,486	4,101	262	276	0	0	0	0
Texas	23,516	22,908	2.7%	8,329	8,913	15,187	13,996	0	0	0	0
Mountain	25,365	26,401	-3.9%	22,881	23,578	2,448	2,808	0	0	36	15
Arizona	5,473	5,256	4.1%	5,473	5,256	0	0	0	0	0	0
Colorado	4,660	4,714	-1.2%	4,660	4,714	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	2,205	2,603	-15.0%	0	0	2,205	2,603	0	0	0	0
Nevada	1,080	362	199.0%	837	156	243	205	0	0	0	0
New Mexico	2,843	3,836	-26.0%	2,843	3,836	0	0	0	0	0	0
Utah	3,078	3,364	-8.5%	3,042	3,349	0	0	0	0	36	15
Wyoming	6,026	6,267	-3.8%	6,026	6,267	0	0	0	0	0	0
Pacific Contiguous	2,363	1,684	40.0%	525	653	1,707	867	0	0	132	165
California	185	207	-10.0%	0	0	54	42	0	0	132	165
Oregon	525	653	-20.0%	525	653	0	0	0	0	0	0
Washington	1,653	825	100.0%	0	0	1,653	825	0	0	0	0
Pacific Noncontiguous	183	179	2.4%	0	0	183	179	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	183	179	2.4%	0	0	183	179	0	0	0	0
U.S. Total	198,909	194,913	2.1%	141,720	142,519	54,864	50,246	55	55	2,270	2,094

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	203	276	-26.0%	21	35	176	239	0	0	6	2
Connecticut	22	39	-44.0%	0	0	22	39	0	0	0	0
Maine	12	128	-90.0%	0	0	7	126	0	0	6	2
Massachusetts	120	74	63.0%	20	0	100	74	0	0	0	0
New Hampshire	21	35	-40.0%	1	35	20	0	0	0	0	0
Rhode Island	27	0	--	0	0	27	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	662	318	108.0%	243	120	416	193	0	0	3	5
New Jersey	24	3	852.0%	0	0	24	3	0	0	0	0
New York	431	298	45.0%	243	120	185	173	0	0	3	5
Pennsylvania	206	17	NM	0	0	206	17	0	0	0	0
East North Central	97	90	8.1%	59	75	37	13	0	0	1	2
Illinois	7	9	-23.0%	3	3	4	6	0	0	0	0
Indiana	12	25	-53.0%	12	25	0	0	0	0	0	0
Michigan	27	15	73.0%	26	14	0	0	0	0	0	1
Ohio	42	40	5.6%	10	33	31	7	0	0	1	0
Wisconsin	10	1	NM	8	0	1	1	0	0	0	0
West North Central	61	46	32.0%	61	46	0	0	0	0	0	0
Iowa	6	11	-45.0%	6	11	0	0	0	0	0	0
Kansas	6	6	5.2%	6	6	0	0	0	0	0	0
Minnesota	19	1	NM	19	1	0	0	0	0	0	0
Missouri	20	12	64.0%	20	12	0	0	0	0	0	0
Nebraska	6	1	269.0%	6	1	0	0	0	0	0	0
North Dakota	3	9	-64.0%	3	9	0	0	0	0	0	0
South Dakota	0	5	-100.0%	0	5	0	0	0	0	0	0
South Atlantic	395	462	-14.0%	191	418	196	11	0	0	8	33
Delaware	2	4	-54.0%	0	0	2	4	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	15	345	-96.0%	14	343	1	2	0	0	0	0
Georgia	16	22	-29.0%	11	11	0	0	0	0	4	11
Maryland	138	4	NM	0	0	138	4	0	0	0	0
North Carolina	31	25	23.0%	31	25	0	0	0	0	0	0
South Carolina	23	30	-23.0%	22	13	0	0	0	0	2	17
Virginia	156	16	849.0%	106	11	49	2	0	0	2	4
West Virginia	14	16	-7.0%	7	16	7	0	0	0	0	0
East South Central	75	24	212.0%	74	24	1	0	0	0	0	0
Alabama	7	5	42.0%	6	5	1	0	0	0	0	0
Kentucky	15	10	55.0%	15	10	0	0	0	0	0	0
Mississippi	4	0	--	4	0	0	0	0	0	0	0
Tennessee	50	10	416.0%	50	10	0	0	0	0	0	0
West South Central	31	24	28.0%	5	7	25	17	0	0	0	0
Arkansas	1	2	-33.0%	0	0	1	2	0	0	0	0
Louisiana	11	10	15.0%	0	5	11	4	0	0	0	0
Oklahoma	1	0	--	1	0	0	0	0	0	0	0
Texas	18	12	43.0%	4	2	13	11	0	0	0	0
Mountain	26	24	8.9%	25	24	2	0	0	0	0	0
Arizona	10	7	50.0%	10	7	0	0	0	0	0	0
Colorado	1	0	399.0%	1	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	1	0	--	0	0	1	0	0	0	0	0
Nevada	2	2	-8.3%	2	2	0	0	0	0	0	0
New Mexico	8	6	38.0%	8	6	0	0	0	0	0	0
Utah	2	3	-44.0%	2	3	0	0	0	0	0	0
Wyoming	3	6	-61.0%	3	6	0	0	0	0	0	0
Pacific Contiguous	2	1	100.0%	0	0	2	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	2	1	100.0%	0	0	2	1	0	0	0	0
Pacific Noncontiguous	954	1,040	-8.3%	795	857	159	184	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	954	1,040	-8.3%	795	857	159	184	0	0	0	0
U.S. Total	2,506	2,306	8.7%	1,474	1,607	1,013	658	0	0	19	41

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

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	1,681	782	115.0%	146	105	1,504	671	0	0	31	6
Connecticut	264	104	153.0%	0	0	264	104	0	0	0	0
Maine	226	362	-37.0%	0	0	195	356	0	0	31	6
Massachusetts	807	191	322.0%	20	0	787	191	0	0	0	0
New Hampshire	305	105	192.0%	126	105	179	0	0	0	0	0
Rhode Island	79	20	296.0%	0	0	79	20	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	3,042	734	315.0%	597	166	2,439	557	0	0	6	11
New Jersey	213	24	770.0%	0	0	213	24	0	0	0	0
New York	2,048	589	248.0%	597	166	1,446	412	0	0	5	10
Pennsylvania	781	121	547.0%	0	0	780	120	0	0	1	1
East North Central	584	243	140.0%	312	195	251	42	0	0	20	6
Illinois	55	28	94.0%	9	8	46	20	0	0	0	0
Indiana	83	54	54.0%	83	54	0	0	0	0	0	0
Michigan	81	55	47.0%	75	51	0	0	0	0	7	4
Ohio	318	83	282.0%	101	61	204	21	0	0	13	1
Wisconsin	46	22	110.0%	44	21	1	1	0	0	1	0
West North Central	174	117	49.0%	174	117	0	0	0	0	0	0
Iowa	21	25	-19.0%	21	25	0	0	0	0	0	0
Kansas	18	22	-17.0%	18	22	0	0	0	0	0	0
Minnesota	47	5	865.0%	47	5	0	0	0	0	0	0
Missouri	58	32	79.0%	58	32	0	0	0	0	0	0
Nebraska	16	5	237.0%	16	5	0	0	0	0	0	0
North Dakota	13	23	-44.0%	13	23	0	0	0	0	0	0
South Dakota	1	5	-79.0%	1	5	0	0	0	0	0	0
South Atlantic	2,962	825	259.0%	1,975	620	932	109	0	0	56	95
Delaware	11	8	36.0%	0	0	11	8	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	73	370	-80.0%	69	368	4	2	0	0	0	0
Georgia	186	74	153.0%	111	39	47	4	0	0	29	30
Maryland	625	39	NM	0	0	625	39	0	0	0	0
North Carolina	486	116	317.0%	475	67	11	49	0	0	0	0
South Carolina	364	82	342.0%	355	28	0	0	0	0	9	55
Virginia	1,133	79	NM	909	62	205	7	0	0	18	10
West Virginia	84	56	51.0%	56	56	29	0	0	0	0	0
East South Central	210	336	-38.0%	187	336	23	0	0	0	0	0
Alabama	73	71	3.0%	50	71	23	0	0	0	0	0
Kentucky	47	50	-6.8%	47	50	0	0	0	0	0	0
Mississippi	6	0	--	6	0	0	0	0	0	0	0
Tennessee	85	216	-61.0%	85	216	0	0	0	0	0	0
West South Central	85	64	33.0%	27	17	58	47	0	0	0	0
Arkansas	6	8	-31.0%	2	0	4	8	0	0	0	0
Louisiana	27	19	41.0%	10	5	17	14	0	0	0	0
Oklahoma	1	0	--	1	0	0	0	0	0	0	0
Texas	51	36	41.0%	15	12	36	25	0	0	0	0
Mountain	102	99	3.1%	97	96	4	3	0	0	0	0
Arizona	32	35	-8.4%	32	35	0	0	0	0	0	0
Colorado	1	0	62.0%	1	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	4	1	196.0%	0	0	4	1	0	0	0	0
Nevada	4	6	-37.0%	3	4	0	1	0	0	0	0
New Mexico	28	21	38.0%	28	21	0	0	0	0	0	0
Utah	11	22	-50.0%	11	22	0	0	0	0	0	0
Wyoming	21	13	68.0%	21	13	0	0	0	0	0	0
Pacific Contiguous	4	20	-81.0%	0	15	4	5	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	4	20	-81.0%	0	15	4	5	0	0	0	0
Pacific Noncontiguous	2,445	2,606	-6.2%	2,019	2,183	426	424	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	2,445	2,606	-6.2%	2,019	2,183	426	424	0	0	0	0
U.S. Total	11,288	5,824	94.0%	5,535	3,850	5,640	1,857	0	0	113	118

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	145	66	121.0%	92	0	41	53	0	0	13	13
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	57	0	--	57	0	0	0	0	0	0	0
Michigan	29	0	--	29	0	0	0	0	0	0	0
Ohio	41	53	-24.0%	0	0	41	53	0	0	0	0
Wisconsin	18	13	44.0%	5	0	0	0	0	0	13	13
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	139	26	434.0%	131	26	0	0	0	0	8	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	131	26	405.0%	131	26	0	0	0	0	0	0
Georgia	8	0	--	0	0	0	0	0	0	8	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	23	55	-59.0%	23	55	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	23	55	-59.0%	23	55	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	151	138	9.5%	151	109	0	0	0	0	0	28
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	151	109	38.0%	151	109	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	28	-100.0%	0	0	0	0	0	0	0	28
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	457	284	61.0%	396	190	41	53	0	0	21	41

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

Table 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) March 2014 and 2013
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	351	206	71.0%	213	14	112	156	0	0	26	36
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	117	0	--	117	0	0	0	0	0	0	0
Michigan	86	14	511.0%	84	14	2	0	0	0	0	0
Ohio	110	156	-29.0%	0	0	110	156	0	0	0	0
Wisconsin	38	36	6.1%	12	0	0	0	0	0	26	36
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	335	148	126.0%	327	140	0	0	0	0	8	8
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	327	140	133.0%	327	140	0	0	0	0	0	0
Georgia	8	8	2.7%	0	0	0	0	0	0	8	8
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	64	173	-63.0%	64	173	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	64	173	-63.0%	64	173	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	414	441	-6.3%	414	355	0	0	0	0	0	87
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	414	355	17.0%	414	355	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	87	-100.0%	0	0	0	0	0	0	0	87
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,163	968	20.0%	1,017	681	112	156	0	0	34	131

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

Table 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, March 2014 and 2013
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	18,224	24,924	-27.0%	71	133	17,614	23,517	0	0	539	1,275
Connecticut	6,701	8,606	-22.0%	0	0	6,701	8,606	0	0	0	0
Maine	2,049	3,074	-33.0%	0	0	1,510	1,799	0	0	539	1,275
Massachusetts	5,601	8,601	-35.0%	53	80	5,547	8,521	0	0	0	0
New Hampshire	1,961	2,285	-14.0%	17	53	1,944	2,232	0	0	0	0
Rhode Island	1,913	2,359	-19.0%	0	0	1,913	2,359	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	74,475	71,729	3.8%	7,312	8,167	66,930	63,393	0	0	233	170
New Jersey	16,573	14,899	11.0%	0	0	16,573	14,899	0	0	0	0
New York	31,108	31,050	0.2%	7,312	8,167	23,696	22,816	0	0	100	67
Pennsylvania	26,794	25,781	3.9%	0	0	26,661	25,679	0	0	133	102
East North Central	34,796	37,964	-8.3%	13,524	13,281	20,556	24,014	349	351	367	318
Illinois	1,169	4,736	-75.0%	51	265	1,112	4,461	0	0	5	10
Indiana	7,141	5,775	24.0%	5,194	3,981	1,947	1,794	0	0	0	0
Michigan	8,379	8,580	-2.3%	1,952	1,407	5,842	6,761	349	351	237	61
Ohio	14,659	13,379	9.6%	4,952	4,681	9,692	8,687	0	0	14	11
Wisconsin	3,449	5,494	-37.0%	1,375	2,946	1,963	2,311	0	0	111	236
West North Central	3,800	10,480	-64.0%	3,071	8,454	729	1,998	1	27	0	2
Iowa	215	1,498	-86.0%	215	1,496	0	0	0	0	0	2
Kansas	581	1,378	-58.0%	581	1,378	0	0	0	0	0	0
Minnesota	1,367	4,050	-66.0%	1,083	3,753	284	298	0	0	0	0
Missouri	1,486	3,462	-57.0%	1,041	1,734	445	1,700	1	27	0	0
Nebraska	115	91	27.0%	115	91	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	36	2	NM	36	2	0	0	0	0	0	0
South Atlantic	135,661	141,418	-4.1%	112,045	119,329	21,564	19,482	0	0	2,053	2,607
Delaware	3,991	5,765	-31.0%	0	0	2,966	4,551	0	0	1,025	1,214
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	76,591	76,016	0.8%	74,535	73,414	2,056	2,602	0	0	0	0
Georgia	19,055	24,954	-24.0%	14,427	20,212	3,855	3,864	0	0	774	879
Maryland	1,232	659	87.0%	0	0	1,202	651	0	0	30	8
North Carolina	14,734	16,023	-8.0%	9,630	11,816	5,103	4,121	0	0	0	87
South Carolina	6,504	7,534	-14.0%	5,942	7,146	545	372	0	0	18	15
Virginia	13,075	10,298	27.0%	7,126	6,694	5,743	3,201	0	0	206	403
West Virginia	480	168	186.0%	385	47	95	121	0	0	0	0
East South Central	49,433	54,425	-9.2%	28,584	31,205	20,820	23,195	0	0	29	25
Alabama	25,281	29,595	-15.0%	8,486	8,403	16,795	21,192	0	0	0	0
Kentucky	4,192	2,184	92.0%	3,722	1,892	470	292	0	0	0	0
Mississippi	18,451	18,037	2.3%	14,896	16,327	3,555	1,710	0	0	0	0
Tennessee	1,509	4,608	-67.0%	1,480	4,584	0	0	0	0	29	25
West South Central	180,837	185,443	-2.5%	42,192	43,744	86,437	89,222	0	0	52,208	52,477
Arkansas	6,040	8,871	-32.0%	1,564	1,457	4,477	7,414	0	0	0	0
Louisiana	32,098	32,752	-2.0%	11,205	11,924	5,415	4,477	0	0	15,478	16,351
Oklahoma	13,368	18,562	-28.0%	9,283	15,694	4,085	2,868	0	0	0	0
Texas	129,330	125,258	3.3%	20,140	14,669	72,460	74,463	0	0	36,729	36,126
Mountain	30,088	35,009	-14.0%	21,379	21,645	8,636	13,315	0	0	72	49
Arizona	5,409	8,561	-37.0%	2,968	2,732	2,442	5,829	0	0	0	0
Colorado	7,888	6,198	27.0%	4,251	3,763	3,636	2,436	0	0	0	0
Idaho	322	1,541	-79.0%	139	335	182	1,206	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	7,653	11,129	-31.0%	7,215	8,894	437	2,234	0	0	0	0
New Mexico	5,022	4,038	24.0%	3,091	2,804	1,931	1,234	0	0	0	0
Utah	3,788	3,533	7.2%	3,708	3,108	8	376	0	0	72	49
Wyoming	7	9	-27.0%	7	9	0	0	0	0	0	0
Pacific Contiguous	59,537	68,334	-13.0%	21,424	26,492	34,291	38,281	0	0	3,822	3,561
California	53,574	52,377	2.3%	17,738	17,505	32,014	31,310	0	0	3,822	3,561
Oregon	2,905	10,177	-71.0%	628	3,515	2,277	6,662	0	0	0	0
Washington	3,057	5,781	-47.0%	3,057	5,472	0	309	0	0	0	0
Pacific Noncontiguous	1,855	1,990	-6.8%	1,855	1,990	0	0	0	0	0	0
Alaska	1,855	1,990	-6.8%	1,855	1,990	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	588,706	631,717	-6.8%	251,457	274,440	277,577	296,416	349	378	59,323	60,482

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

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

Census Division and State	All Sectors			Electric Power Sector							
				Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	55,121	73,211	-25.0%	195	309	53,985	69,158	0	0	941	3,744
Connecticut	18,876	25,464	-26.0%	0	0	18,876	25,464	0	0	0	0
Maine	6,952	9,067	-23.0%	0	0	6,011	5,323	0	0	941	3,744
Massachusetts	20,142	24,620	-18.0%	177	191	19,966	24,430	0	0	0	0
New Hampshire	2,950	7,449	-60.0%	18	119	2,932	7,331	0	0	0	0
Rhode Island	6,201	6,610	-6.2%	0	0	6,201	6,610	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	212,206	215,509	-1.5%	21,382	22,242	190,194	192,670	0	0	630	597
New Jersey	46,692	40,178	16.0%	0	0	46,692	40,178	0	0	0	0
New York	89,671	92,156	-2.7%	21,382	22,242	68,037	69,704	0	0	251	210
Pennsylvania	75,843	83,174	-8.8%	0	0	75,465	82,788	0	0	378	387
East North Central	118,291	102,215	16.0%	47,571	38,996	68,772	61,104	1,037	1,032	911	1,083
Illinois	6,029	6,132	-1.7%	278	533	5,737	5,578	0	0	13	20
Indiana	25,985	19,194	35.0%	18,923	12,766	7,061	6,428	0	0	0	0
Michigan	30,833	21,008	47.0%	7,945	3,855	21,456	15,766	1,037	1,032	395	356
Ohio	43,782	40,857	7.2%	15,483	13,991	28,205	26,843	0	0	94	24
Wisconsin	11,662	15,024	-22.0%	4,941	7,851	6,313	6,490	0	0	408	683
West North Central	17,830	25,870	-31.0%	15,523	22,309	2,301	3,527	5	30	2	4
Iowa	2,411	3,483	-31.0%	2,409	3,479	0	0	0	0	2	4
Kansas	2,393	2,943	-19.0%	2,393	2,943	0	0	0	0	0	0
Minnesota	5,890	10,540	-44.0%	4,102	9,607	1,787	933	0	0	0	0
Missouri	6,455	8,516	-24.0%	5,937	5,892	513	2,594	5	30	0	0
Nebraska	281	184	53.0%	281	184	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	400	204	96.0%	400	204	0	0	0	0	0	0
South Atlantic	383,354	418,526	-8.4%	313,328	342,202	64,343	67,672	0	0	5,683	8,653
Delaware	9,470	13,273	-29.0%	0	0	6,670	8,857	0	0	2,800	4,416
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	212,372	222,831	-4.7%	205,596	215,097	6,776	7,734	0	0	0	0
Georgia	56,386	73,827	-24.0%	42,753	55,042	11,648	16,070	0	0	1,985	2,715
Maryland	2,723	1,615	69.0%	0	0	2,623	1,542	0	0	99	72
North Carolina	41,184	46,471	-11.0%	26,213	30,396	14,971	15,904	0	0	0	171
South Carolina	17,726	20,657	-14.0%	16,500	19,957	1,121	624	0	0	104	76
Virginia	41,211	39,321	4.8%	20,550	21,552	19,967	16,566	0	0	694	1,203
West Virginia	2,282	532	329.0%	1,716	158	567	374	0	0	0	0
East South Central	157,775	161,902	-2.5%	96,503	96,957	61,144	64,888	0	0	127	58
Alabama	71,952	84,159	-15.0%	22,848	24,494	49,104	59,664	0	0	0	0
Kentucky	13,853	4,063	241.0%	12,827	3,771	1,026	292	0	0	0	0
Mississippi	62,359	60,587	2.9%	51,344	55,657	11,015	4,931	0	0	0	0
Tennessee	9,611	13,093	-27.0%	9,484	13,035	0	0	0	0	127	58
West South Central	580,494	560,589	3.6%	145,724	130,838	278,596	277,488	0	0	156,174	152,263
Arkansas	17,845	26,505	-33.0%	2,629	3,846	15,216	22,659	0	0	0	0
Louisiana	113,097	99,406	14.0%	39,141	37,157	22,933	14,498	0	0	51,022	47,751
Oklahoma	54,297	50,938	6.6%	42,820	41,572	11,477	9,366	0	0	0	0
Texas	395,255	383,739	3.0%	61,134	48,264	228,969	230,964	0	0	105,152	104,512
Mountain	102,363	109,360	-6.4%	69,085	73,262	33,107	35,884	0	0	171	213
Arizona	25,219	27,160	-7.1%	11,089	13,626	14,131	13,534	0	0	0	0
Colorado	20,038	16,724	20.0%	11,514	10,228	8,523	6,495	0	0	0	0
Idaho	4,981	5,035	-1.1%	2,659	1,716	2,321	3,318	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	25,972	37,493	-31.0%	22,955	30,056	3,017	7,437	0	0	0	0
New Mexico	14,398	12,598	14.0%	9,322	8,443	5,076	4,155	0	0	0	0
Utah	11,723	10,326	14.0%	11,514	9,168	39	944	0	0	171	213
Wyoming	32	25	25.0%	32	25	0	0	0	0	0	0
Pacific Contiguous	219,216	207,843	5.5%	80,163	78,040	127,575	119,102	0	0	11,477	10,701
California	177,064	165,458	7.0%	54,391	55,340	111,195	99,417	0	0	11,477	10,701
Oregon	24,528	29,407	-17.0%	9,507	10,221	15,020	19,187	0	0	0	0
Washington	17,625	12,978	36.0%	16,265	12,480	1,360	499	0	0	0	0
Pacific Noncontiguous	4,955	6,912	-28.0%	4,955	6,912	0	0	0	0	0	0
Alaska	4,955	6,912	-28.0%	4,955	6,912	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,851,604	1,881,937	-1.6%	794,428	812,066	880,018	891,493	1,042	1,062	176,116	177,316

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

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013
New England	W	W	W	4.38	4.22	W	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.38	4.22	3.8%	4.38	4.22	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.77	2.59	6.9%	--	--	2.77	2.59
New Jersey	3.85	3.71	3.8%	--	--	3.85	3.71
New York	3.03	2.96	2.4%	--	--	3.03	2.96
Pennsylvania	2.69	2.53	6.3%	--	--	2.69	2.53
East North Central	2.34	2.30	1.7%	2.47	2.45	2.04	1.94
Illinois	1.98	1.86	6.5%	2.10	2.09	1.96	1.83
Indiana	W	W	W	2.72	2.56	W	W
Michigan	2.73	2.91	-6.2%	2.73	2.91	--	--
Ohio	W	W	W	2.26	2.24	W	W
Wisconsin	2.27	2.29	-0.9%	2.27	2.29	--	--
West North Central	1.75	1.74	0.6%	1.75	1.74	--	--
Iowa	1.62	1.62	0.0%	1.62	1.62	--	--
Kansas	1.78	1.80	-1.1%	1.78	1.80	--	--
Minnesota	1.88	1.96	-4.1%	1.88	1.96	--	--
Missouri	2.01	1.89	6.3%	2.01	1.89	--	--
Nebraska	1.38	1.50	-8.0%	1.38	1.50	--	--
North Dakota	1.40	1.48	-5.4%	1.40	1.48	--	--
South Dakota	2.08	2.02	3.0%	2.08	2.02	--	--
South Atlantic	3.12	3.24	-3.7%	3.25	3.32	2.73	2.87
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.32	3.49	W	W
Georgia	3.21	3.24	-0.9%	3.21	3.24	--	--
Maryland	3.18	3.69	-14.0%	--	--	3.18	3.69
North Carolina	3.59	3.80	-5.5%	3.59	3.80	--	--
South Carolina	3.76	3.72	1.1%	3.76	3.72	--	--
Virginia	W	W	W	3.26	3.31	W	W
West Virginia	2.50	2.50	0.0%	2.71	2.69	2.21	2.12
East South Central	W	W	W	2.49	2.48	W	W
Alabama	2.68	2.69	-0.4%	2.68	2.69	--	--
Kentucky	2.39	2.36	1.3%	2.39	2.36	--	--
Mississippi	W	W	W	3.05	4.22	W	W
Tennessee	2.47	2.38	3.8%	2.47	2.38	--	--
West South Central	2.07	2.17	-4.6%	2.20	2.30	1.92	2.02
Arkansas	W	W	W	2.43	2.37	W	W
Louisiana	W	W	W	2.60	2.96	W	W
Oklahoma	W	W	W	1.97	2.04	W	W
Texas	2.01	2.09	-3.8%	2.17	2.24	1.90	1.98
Mountain	W	W	W	1.99	1.94	W	W
Arizona	2.10	2.08	1.0%	2.10	2.08	--	--
Colorado	1.87	1.90	-1.6%	1.87	1.90	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.32	2.84	W	W
New Mexico	2.28	2.23	2.2%	2.28	2.23	--	--
Utah	2.17	2.01	8.0%	2.17	2.01	--	--
Wyoming	1.61	1.52	5.9%	1.61	1.52	--	--
Pacific Contiguous	W	W	W	2.49	1.90	W	W
California	W	--	W	--	--	W	--
Oregon	2.49	1.90	31.0%	2.49	1.90	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.36	2.34	0.9%	2.38	2.38	2.31	2.25

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

Table 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, (Year-to-Date) March 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	W	4.01	W	4.54	4.38	W	3.84
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	4.54	4.38	3.7%	4.54	4.38	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.83	2.58	9.7%	--	--	2.83	2.58
New Jersey	3.82	3.75	1.9%	--	--	3.82	3.75
New York	3.05	2.92	4.5%	--	--	3.05	2.92
Pennsylvania	2.76	2.53	9.1%	--	--	2.76	2.53
East North Central	2.30	2.28	0.9%	2.44	2.44	2.02	1.94
Illinois	1.95	1.88	3.7%	2.09	2.12	1.93	1.84
Indiana	W	W	W	2.62	2.54	W	W
Michigan	W	2.92	W	2.72	2.92	W	--
Ohio	W	W	W	2.28	2.25	W	W
Wisconsin	2.25	2.26	-0.4%	2.25	2.26	--	--
West North Central	1.75	1.76	-0.6%	1.75	1.76	--	--
Iowa	1.63	1.63	0.0%	1.63	1.63	--	--
Kansas	1.76	1.83	-3.8%	1.76	1.83	--	--
Minnesota	1.91	2.02	-5.4%	1.91	2.02	--	--
Missouri	1.98	1.91	3.7%	1.98	1.91	--	--
Nebraska	1.38	1.48	-6.8%	1.38	1.48	--	--
North Dakota	1.44	1.47	-2.0%	1.44	1.47	--	--
South Dakota	2.14	2.05	4.4%	2.14	2.05	--	--
South Atlantic	3.08	3.24	-4.9%	3.23	3.36	2.62	2.78
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.33	3.45	W	W
Georgia	3.13	3.30	-5.2%	3.13	3.30	--	--
Maryland	3.08	3.66	-16.0%	--	--	3.08	3.66
North Carolina	3.65	3.85	-5.2%	3.65	3.85	--	--
South Carolina	3.69	3.80	-2.9%	3.69	3.80	--	--
Virginia	W	W	W	3.25	3.44	W	W
West Virginia	2.44	2.53	-3.6%	2.66	2.75	2.16	2.14
East South Central	W	W	W	2.48	2.54	W	W
Alabama	2.65	2.77	-4.3%	2.65	2.77	--	--
Kentucky	2.38	2.37	0.4%	2.38	2.37	--	--
Mississippi	W	W	W	3.49	4.26	W	W
Tennessee	2.44	2.47	-1.2%	2.44	2.47	--	--
West South Central	2.06	2.12	-2.8%	2.19	2.28	1.92	1.93
Arkansas	W	W	W	2.36	2.42	W	W
Louisiana	W	W	W	2.64	2.95	W	W
Oklahoma	W	W	W	1.95	2.04	W	W
Texas	2.01	2.02	-0.5%	2.19	2.19	1.90	1.89
Mountain	W	W	W	1.97	1.92	W	W
Arizona	2.11	2.05	2.9%	2.11	2.05	--	--
Colorado	1.88	1.89	-0.5%	1.88	1.89	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	2.43	2.85	W	W
New Mexico	2.35	2.28	3.1%	2.35	2.28	--	--
Utah	2.09	2.02	3.5%	2.09	2.02	--	--
Wyoming	1.58	1.50	5.3%	1.58	1.50	--	--
Pacific Contiguous	W	W	W	2.47	1.90	W	W
California	W	W	W	--	--	W	W
Oregon	2.47	1.90	30.0%	2.47	1.90	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	--	--	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	2.32	2.34	-0.9%	2.34	2.38	2.28	2.22

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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 4.11.A. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, March 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013
New England	W	W	W	22.79	16.12	W	W
Connecticut	27.14	W	W	--	--	27.14	W
Maine	W	W	W	--	--	W	W
Massachusetts	20.69	W	W	22.78	--	20.30	W
New Hampshire	W	16.12	W	22.88	16.12	W	--
Rhode Island	W	--	W	--	--	W	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	22.02	18.07	22.0%	20.71	18.68	22.83	17.70
New Jersey	W	15.99	W	--	--	W	15.99
New York	W	W	W	20.71	18.68	W	W
Pennsylvania	24.19	W	W	--	--	24.19	W
East North Central	24.95	23.37	6.8%	23.58	23.37	27.14	23.38
Illinois	W	W	W	23.62	23.91	W	W
Indiana	24.30	23.61	2.9%	24.30	23.61	--	--
Michigan	22.76	22.67	0.4%	22.76	22.67	--	--
Ohio	26.75	23.38	14.0%	24.53	23.44	27.45	23.06
Wisconsin	W	W	W	24.04	23.72	W	W
West North Central	23.05	23.22	-0.7%	23.05	23.22	--	--
Iowa	22.66	22.89	-1.0%	22.66	22.89	--	--
Kansas	22.66	22.96	-1.3%	22.66	22.96	--	--
Minnesota	23.76	23.87	-0.5%	23.76	23.87	--	--
Missouri	22.50	23.10	-2.6%	22.50	23.10	--	--
Nebraska	22.92	22.54	1.7%	22.92	22.54	--	--
North Dakota	24.11	23.95	0.7%	24.11	23.95	--	--
South Dakota	--	23.30	--	--	23.30	--	--
South Atlantic	23.03	18.99	21.0%	23.39	18.89	22.70	23.11
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	23.25	17.75	W	W
Georgia	24.21	W	W	24.21	23.74	--	W
Maryland	21.51	22.26	-3.4%	--	--	21.51	22.26
North Carolina	23.01	22.96	0.2%	23.01	22.96	--	--
South Carolina	24.90	23.89	4.2%	24.90	23.89	--	--
Virginia	W	W	W	22.93	22.39	W	W
West Virginia	W	29.25	W	25.92	29.25	W	--
East South Central	W	22.31	W	23.06	22.31	W	--
Alabama	W	22.31	W	22.71	22.31	W	--
Kentucky	24.06	22.65	6.2%	24.06	22.65	--	--
Mississippi	23.14	--	--	23.14	--	--	--
Tennessee	22.79	21.96	3.8%	22.79	21.96	--	--
West South Central	W	22.59	W	22.05	22.29	W	22.71
Arkansas	W	W	W	--	--	W	W
Louisiana	W	W	W	--	22.21	W	W
Oklahoma	22.97	--	--	22.97	--	--	--
Texas	22.18	W	W	21.91	22.57	22.28	W
Mountain	W	W	W	23.61	24.20	W	W
Arizona	22.66	26.06	-13.0%	22.66	26.06	--	--
Colorado	26.63	25.96	2.6%	26.63	25.96	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	--	W	--	--	W	--
Nevada	W	W	W	24.55	17.49	W	W
New Mexico	24.33	26.39	-7.8%	24.33	26.39	--	--
Utah	24.12	20.20	19.0%	24.12	20.20	--	--
Wyoming	23.41	23.84	-1.8%	23.41	23.84	--	--
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	20.90	21.05	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	20.90	21.05	W	W
U.S. Total	21.95	20.19	8.7%	21.54	20.43	22.58	19.62

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

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	20.59	W	W	19.67	17.19	20.69	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	19.94	19.57	1.9%	22.78	--	19.88	19.57
New Hampshire	W	17.19	W	19.21	17.19	W	--
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	21.65	19.95	8.5%	20.76	19.58	21.91	20.07
New Jersey	23.80	21.67	9.8%	--	--	23.80	21.67
New York	20.81	19.33	7.7%	20.76	19.58	20.84	19.22
Pennsylvania	23.43	23.44	0.0%	--	--	23.43	23.44
East North Central	24.52	23.53	4.2%	23.42	23.51	26.04	23.64
Illinois	W	W	W	23.52	23.79	W	W
Indiana	24.09	23.68	1.7%	24.09	23.68	--	--
Michigan	22.86	23.54	-2.9%	22.86	23.54	--	--
Ohio	25.43	23.54	8.0%	23.82	23.51	26.22	23.62
Wisconsin	W	W	W	22.22	22.91	W	W
West North Central	22.46	23.04	-2.5%	22.46	23.04	--	--
Iowa	22.37	23.14	-3.3%	22.37	23.14	--	--
Kansas	22.18	23.21	-4.4%	22.18	23.21	--	--
Minnesota	22.51	23.54	-4.4%	22.51	23.54	--	--
Missouri	22.48	22.79	-1.4%	22.48	22.79	--	--
Nebraska	22.31	23.11	-3.5%	22.31	23.11	--	--
North Dakota	22.89	22.93	-0.2%	22.89	22.93	--	--
South Dakota	23.34	23.30	0.2%	23.34	23.30	--	--
South Atlantic	22.54	20.64	9.2%	22.47	20.14	22.69	23.55
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	21.83	18.16	W	W
Georgia	W	W	W	23.53	24.38	W	W
Maryland	22.08	23.22	-4.9%	--	--	22.08	23.22
North Carolina	W	W	W	22.86	23.38	W	W
South Carolina	23.21	24.27	-4.4%	23.21	24.27	--	--
Virginia	22.16	W	W	21.77	20.41	24.00	W
West Virginia	W	24.78	W	25.05	24.78	W	--
East South Central	W	22.75	W	22.63	22.75	W	--
Alabama	W	22.36	W	21.95	22.36	W	--
Kentucky	23.54	23.02	2.3%	23.54	23.02	--	--
Mississippi	22.75	--	--	22.75	--	--	--
Tennessee	22.53	22.82	-1.3%	22.53	22.82	--	--
West South Central	W	22.73	W	21.15	22.91	W	22.67
Arkansas	W	W	W	22.20	--	W	W
Louisiana	W	W	W	21.36	22.21	W	W
Oklahoma	23.24	--	--	23.24	--	--	--
Texas	21.59	W	W	20.75	23.25	21.95	W
Mountain	W	W	W	23.38	23.78	W	W
Arizona	22.80	24.65	-7.5%	22.80	24.65	--	--
Colorado	26.39	25.94	1.7%	26.39	25.94	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	24.34	21.53	W	W
New Mexico	23.98	25.46	-5.8%	23.98	25.46	--	--
Utah	22.20	21.55	3.0%	22.20	21.55	--	--
Wyoming	23.82	23.38	1.9%	23.82	23.38	--	--
Pacific Contiguous	W	W	W	--	23.63	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	23.63	W	W
Pacific Noncontiguous	W	W	W	20.93	20.60	W	W
Alaska	--	--	--	--	--	--	--
Hawaii	W	W	W	20.93	20.60	W	W
U.S. Total	21.79	20.71	5.2%	21.68	20.87	21.91	20.38

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

Table 4.12.A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, March 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	--	W	1.22	--	W	--
Illinois	--	--	--	--	--	--	--
Indiana	1.05	--	--	1.05	--	--	--
Michigan	1.43	--	--	1.43	--	--	--
Ohio	W	--	W	--	--	W	--
Wisconsin	1.85	--	--	1.85	--	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.40	2.17	11.0%	2.40	2.17	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.40	2.17	11.0%	2.40	2.17	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.71	1.84	-7.1%	1.71	1.84	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.71	1.84	-7.1%	1.71	1.84	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	2.00	2.04	-2.0%	2.00	2.04	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	2.00	2.04	-2.0%	2.00	2.04	--	--
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	2.00	W	1.94	2.00	W	--

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

Table 4.12.B. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) March 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	W	1.50	W	1.21	1.50	W	--
Illinois	--	--	--	--	--	--	--
Indiana	0.98	--	--	0.98	--	--	--
Michigan	W	1.50	W	1.44	1.50	W	--
Ohio	W	--	W	--	--	W	--
Wisconsin	1.87	--	--	1.87	--	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.37	2.34	1.3%	2.37	2.34	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.37	2.34	1.3%	2.37	2.34	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	1.74	1.85	-5.9%	1.74	1.85	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	1.74	1.85	-5.9%	1.74	1.85	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.88	1.97	-4.6%	1.88	1.97	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.88	1.97	-4.6%	1.88	1.97	--	--
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	2.01	W	1.89	2.01	W	--

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

Table 4.13.A. Average Cost of Natural Gas Delivered for Electricity Generation by State, March 2014 and 2013
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2014	March 2013	Percentage Change	March 2014	March 2013	March 2014	March 2013
New England	11.88	6.44	84.0%	14.40	9.23	11.87	6.42
Connecticut	11.28	5.65	100.0%	--	--	11.28	5.65
Maine	W	W	W	--	--	W	W
Massachusetts	12.52	6.81	84.0%	16.06	8.96	12.48	6.79
New Hampshire	W	9.64	W	9.30	9.64	W	--
Rhode Island	12.79	W	W	--	--	12.79	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	6.94	4.74	46.0%	7.68	4.90	6.84	4.72
New Jersey	5.93	4.58	29.0%	--	--	5.93	4.58
New York	8.21	5.28	55.0%	7.68	4.90	8.40	5.43
Pennsylvania	5.96	4.15	44.0%	--	--	5.96	4.15
East North Central	7.43	4.14	79.0%	6.92	4.19	7.78	4.11
Illinois	W	W	W	10.77	4.61	W	W
Indiana	W	W	W	5.88	4.07	W	W
Michigan	12.01	4.45	170.0%	13.44	4.40	11.52	4.46
Ohio	5.33	3.91	36.0%	5.12	4.12	5.44	3.80
Wisconsin	6.29	4.30	46.0%	7.98	4.34	5.05	4.24
West North Central	8.19	W	W	8.66	4.54	6.21	W
Iowa	20.46	4.68	337.0%	20.46	4.68	--	--
Kansas	7.49	4.57	64.0%	7.49	4.57	--	--
Minnesota	W	4.55	W	7.77	4.50	W	5.14
Missouri	W	W	W	7.45	4.40	W	W
Nebraska	11.37	6.32	80.0%	11.37	6.32	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	9.18	4.53	103.0%	9.18	4.53	--	--
South Atlantic	5.85	4.69	25.0%	5.85	4.69	5.83	4.63
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	5.76	4.83	W	W
Georgia	W	4.41	W	5.58	4.35	W	4.72
Maryland	6.42	4.83	33.0%	--	--	6.42	4.83
North Carolina	W	4.78	W	6.31	4.64	W	5.19
South Carolina	W	4.51	W	5.50	4.51	W	--
Virginia	6.33	W	W	6.98	4.48	5.52	W
West Virginia	6.53	W	W	6.34	4.25	7.27	W
East South Central	5.34	4.00	34.0%	5.21	3.94	5.56	4.10
Alabama	5.35	4.09	31.0%	5.00	4.02	5.59	4.13
Kentucky	W	W	W	5.58	4.38	W	W
Mississippi	W	W	W	5.21	3.89	W	W
Tennessee	5.52	3.79	46.0%	5.52	3.79	--	--
West South Central	5.28	3.90	35.0%	5.57	3.98	5.10	3.86
Arkansas	W	W	W	6.14	4.60	W	W
Louisiana	5.31	3.86	38.0%	5.54	3.92	4.82	3.71
Oklahoma	W	W	W	5.96	3.97	W	W
Texas	5.13	3.87	33.0%	5.37	3.97	5.05	3.84
Mountain	6.09	W	W	6.23	4.50	5.59	W
Arizona	6.19	4.77	30.0%	7.31	6.09	4.46	4.07
Colorado	5.99	W	W	6.08	4.82	5.88	W
Idaho	W	W	W	10.77	5.69	W	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	6.71	4.25	W	W
New Mexico	5.04	4.08	24.0%	5.04	4.08	--	--
Utah	W	3.74	W	5.44	3.74	W	--
Wyoming	9.12	5.49	66.0%	9.12	5.49	--	--
Pacific Contiguous	5.74	4.26	35.0%	6.02	4.55	5.49	4.02
California	5.72	4.34	32.0%	6.05	4.74	5.45	4.06
Oregon	5.79	W	W	5.77	3.63	5.79	W
Washington	5.94	W	W	5.94	4.61	--	W
Pacific Noncontiguous	4.47	4.58	-2.4%	4.47	4.58	--	--
Alaska	4.47	4.58	-2.4%	4.47	4.58	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	6.12	4.40	39.0%	5.92	4.44	6.35	4.35

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

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

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	March 2014 YTD	March 2013 YTD	Percentage Change	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	16.59	10.02	66.0%	16.51	11.54	16.59	10.01
Connecticut	14.29	8.90	61.0%	--	--	14.29	8.90
Maine	W	W	W	--	--	W	W
Massachusetts	17.59	10.58	66.0%	17.25	10.79	17.59	10.58
New Hampshire	W	12.66	W	9.24	12.66	W	--
Rhode Island	18.87	W	W	--	--	18.87	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	10.62	5.22	103.0%	10.13	6.19	10.68	5.10
New Jersey	9.38	4.88	92.0%	--	--	9.38	4.88
New York	10.12	6.34	60.0%	10.13	6.19	10.12	6.39
Pennsylvania	11.90	4.16	186.0%	--	--	11.90	4.16
East North Central	7.62	3.91	95.0%	7.13	3.96	7.98	3.88
Illinois	W	W	W	12.07	4.71	W	W
Indiana	W	W	W	6.42	3.86	W	W
Michigan	10.47	4.29	144.0%	10.96	4.33	10.28	4.27
Ohio	5.64	3.68	53.0%	5.84	3.78	5.52	3.64
Wisconsin	7.16	4.10	75.0%	7.51	4.22	6.86	3.95
West North Central	8.20	4.37	88.0%	8.40	4.40	6.87	4.19
Iowa	13.73	4.67	194.0%	13.73	4.67	--	--
Kansas	7.69	4.47	72.0%	7.69	4.47	--	--
Minnesota	W	W	W	7.49	4.42	W	W
Missouri	W	W	W	6.79	4.09	W	W
Nebraska	11.35	7.37	54.0%	11.35	7.37	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	11.00	3.62	204.0%	11.00	3.62	--	--
South Atlantic	6.75	4.61	46.0%	6.66	4.68	7.28	4.17
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	5.95	4.86	22.0%	5.99	4.90	4.01	3.19
Georgia	W	W	W	5.86	4.09	W	W
Maryland	W	6.43	W	--	--	W	6.43
North Carolina	W	W	W	8.74	4.59	W	W
South Carolina	W	4.27	W	5.88	4.27	W	--
Virginia	10.50	4.17	152.0%	12.91	4.53	8.00	3.70
West Virginia	W	3.97	W	6.35	3.71	W	4.07
East South Central	5.49	3.79	45.0%	5.45	3.74	5.55	3.88
Alabama	5.39	3.87	39.0%	5.14	3.82	5.55	3.89
Kentucky	W	W	W	6.13	5.22	W	W
Mississippi	W	W	W	5.36	3.63	W	W
Tennessee	5.79	3.63	60.0%	5.79	3.63	--	--
West South Central	5.46	3.66	49.0%	5.70	3.77	5.32	3.60
Arkansas	W	3.78	W	7.32	4.44	W	3.67
Louisiana	5.35	3.64	47.0%	5.56	3.69	4.95	3.52
Oklahoma	W	3.78	W	5.89	3.79	W	3.74
Texas	5.37	3.62	48.0%	5.59	3.76	5.30	3.59
Mountain	5.95	4.28	39.0%	6.02	4.34	5.72	4.12
Arizona	W	4.57	W	7.24	5.02	W	4.00
Colorado	6.10	W	W	6.27	4.96	5.85	W
Idaho	W	W	W	6.44	4.69	W	W
Montana	--	--	--	--	--	--	--
Nevada	W	W	W	5.80	4.11	W	W
New Mexico	5.49	3.98	38.0%	5.49	3.98	--	--
Utah	W	3.72	W	5.40	3.72	W	--
Wyoming	7.47	6.26	19.0%	7.47	6.26	--	--
Pacific Contiguous	5.77	4.14	39.0%	5.90	4.47	5.66	3.87
California	5.85	4.19	40.0%	6.13	4.56	5.63	3.92
Oregon	W	W	W	4.92	3.62	W	W
Washington	W	W	W	5.84	4.80	W	W
Pacific Noncontiguous	4.56	4.60	-0.9%	4.56	4.60	--	--
Alaska	4.56	4.60	-0.9%	4.56	4.60	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	7.01	4.45	58.0%	6.36	4.37	7.73	4.53

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

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	251	1.04	9.8	176	0.09	2.0	0	--	--
Connecticut	0	--	--	176	0.09	2.0	0	--	--
Maine	14	0.78	8.1	0	--	--	0	--	--
Massachusetts	194	0.70	10.5	0	--	--	0	--	--
New Hampshire	42	2.52	7.6	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	3,206	2.86	10.5	188	0.23	5.1	0	--	--
New Jersey	114	1.58	9.1	0	--	--	0	--	--
New York	301	2.51	8.1	175	0.23	5.1	0	--	--
Pennsylvania	2,791	2.95	10.9	13	0.24	4.8	0	--	--
East North Central	8,722	2.88	9.5	8,199	0.23	4.8	0	--	--
Illinois	709	3.57	17.0	4,953	0.22	4.7	0	--	--
Indiana	3,534	2.67	8.8	267	0.29	4.8	0	--	--
Michigan	294	1.34	8.6	1,432	0.25	5.1	0	--	--
Ohio	4,029	3.10	9.1	83	0.26	5.1	0	--	--
Wisconsin	155	2.10	7.6	1,463	0.24	5.0	0	--	--
West North Central	97	3.29	9.0	9,569	0.28	5.1	1,933	0.86	10.2
Iowa	45	3.50	8.0	1,434	0.27	4.9	0	--	--
Kansas	19	3.51	12.9	1,627	0.31	5.0	0	--	--
Minnesota	0	--	--	1,322	0.35	5.9	0	--	--
Missouri	34	2.90	8.2	3,644	0.23	4.8	0	--	--
Nebraska	0	--	--	1,368	0.28	5.2	0	--	--
North Dakota	0	--	--	0	--	--	1,933	0.86	10.2
South Dakota	0	--	--	175	0.45	6.9	0	--	--
South Atlantic	8,816	2.08	10.7	1,000	0.27	4.6	0	--	--
Delaware	92	2.11	7.7	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,645	2.21	9.8	0	--	--	0	--	--
Georgia	623	1.45	9.5	890	0.29	4.7	0	--	--
Maryland	690	1.99	9.8	110	0.15	4.0	0	--	--
North Carolina	1,237	1.65	9.8	0	--	--	0	--	--
South Carolina	739	1.50	9.1	0	--	--	0	--	--
Virginia	969	1.09	13.5	0	--	--	0	--	--
West Virginia	2,820	2.83	11.8	0	--	--	0	--	--
East South Central	4,767	2.48	9.6	1,904	0.27	5.2	45	0.43	13.1
Alabama	826	1.65	9.8	719	0.25	5.3	0	--	--
Kentucky	2,850	2.85	10.1	195	0.29	5.1	0	--	--
Mississippi	83	2.28	8.8	82	0.20	4.7	45	0.43	13.1
Tennessee	1,009	2.18	8.3	908	0.28	5.1	0	--	--
West South Central	70	2.38	17.3	8,102	0.29	5.3	2,946	1.05	16.2
Arkansas	0	--	--	1,277	0.27	5.2	0	--	--
Louisiana	33	3.07	8.7	701	0.29	5.1	26	0.72	16.1
Oklahoma	37	1.71	25.7	1,444	0.26	4.8	0	--	--
Texas	0	--	--	4,680	0.31	5.5	2,920	1.05	16.2
Mountain	2,828	0.56	12.6	5,833	0.53	9.2	0	--	--
Arizona	688	0.60	10.6	1,175	0.72	11.4	0	--	--
Colorado	246	0.48	9.7	1,274	0.31	5.6	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	676	0.72	9.9	0	--	--
Nevada	333	0.36	6.2	143	0.35	6.6	0	--	--
New Mexico	495	0.78	26.9	490	0.78	20.6	0	--	--
Utah	1,065	0.53	11.1	27	0.90	11.1	0	--	--
Wyoming	0	--	--	2,049	0.43	7.4	0	--	--
Pacific Contiguous	98	0.80	11.1	681	0.39	7.6	0	--	--
California	98	0.80	11.1	0	--	--	0	--	--
Oregon	0	--	--	195	0.27	4.3	0	--	--
Washington	0	--	--	486	0.44	9.0	0	--	--
Pacific Noncontiguous	60	1.14	4.3	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	60	1.14	4.3	0	--	--	0	--	--
U.S. Total	28,913	2.33	10.3	35,653	0.31	5.8	4,924	0.97	13.8

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

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

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	42	2.52	7.6	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	42	2.52	7.6	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	7,272	2.84	8.9	3,440	0.25	5.0	0	--	--
Illinois	236	3.44	11.3	305	0.23	4.8	0	--	--
Indiana	3,253	2.61	8.6	267	0.29	4.8	0	--	--
Michigan	275	1.33	8.6	1,432	0.25	5.1	0	--	--
Ohio	3,363	3.17	9.1	0	--	--	0	--	--
Wisconsin	145	2.06	7.5	1,436	0.24	5.0	0	--	--
West North Central	42	3.13	10.2	9,505	0.28	5.1	1,933	0.86	10.2
Iowa	0	--	--	1,370	0.27	4.9	0	--	--
Kansas	19	3.51	12.9	1,627	0.31	5.0	0	--	--
Minnesota	0	--	--	1,322	0.35	5.9	0	--	--
Missouri	23	2.82	8.0	3,644	0.23	4.8	0	--	--
Nebraska	0	--	--	1,368	0.28	5.2	0	--	--
North Dakota	0	--	--	0	--	--	1,933	0.86	10.2
South Dakota	0	--	--	175	0.45	6.9	0	--	--
South Atlantic	6,584	1.95	10.7	890	0.29	4.7	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	1,596	2.25	9.8	0	--	--	0	--	--
Georgia	564	1.49	9.5	890	0.29	4.7	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	1,237	1.65	9.8	0	--	--	0	--	--
South Carolina	719	1.52	9.2	0	--	--	0	--	--
Virginia	820	1.11	14.1	0	--	--	0	--	--
West Virginia	1,648	2.63	11.6	0	--	--	0	--	--
East South Central	4,598	2.54	9.6	1,904	0.27	5.2	0	--	--
Alabama	826	1.65	9.8	719	0.25	5.3	0	--	--
Kentucky	2,850	2.85	10.1	195	0.29	5.1	0	--	--
Mississippi	63	2.15	8.9	82	0.20	4.7	0	--	--
Tennessee	860	2.41	8.1	908	0.28	5.1	0	--	--
West South Central	33	3.07	8.7	5,068	0.27	5.1	476	0.97	16.7
Arkansas	0	--	--	1,112	0.27	5.2	0	--	--
Louisiana	33	3.07	8.7	243	0.30	5.5	26	0.72	16.1
Oklahoma	0	--	--	1,389	0.26	4.8	0	--	--
Texas	0	--	--	2,324	0.27	5.3	450	0.99	16.8
Mountain	2,798	0.56	12.6	5,082	0.51	9.1	0	--	--
Arizona	688	0.60	10.6	1,175	0.72	11.4	0	--	--
Colorado	246	0.48	9.7	1,274	0.31	5.6	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	333	0.36	6.2	68	0.40	8.1	0	--	--
New Mexico	495	0.78	26.9	490	0.78	20.6	0	--	--
Utah	1,035	0.54	11.2	27	0.90	11.1	0	--	--
Wyoming	0	--	--	2,049	0.43	7.4	0	--	--
Pacific Contiguous	0	--	--	195	0.27	4.3	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	195	0.27	4.3	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	21,369	2.22	10.1	26,083	0.32	5.9	2,409	0.88	11.5

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

Table 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State, March 2014

	Bituminous			Subbituminous			Lignite		
Census Division and State	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	201	0.71	10.4	176	0.09	2.0	0	--	--
Connecticut	0	--	--	176	0.09	2.0	0	--	--
Maine	7	0.75	7.5	0	--	--	0	--	--
Massachusetts	194	0.70	10.5	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	3,162	2.87	10.6	188	0.23	5.1	0	--	--
New Jersey	114	1.58	9.1	0	--	--	0	--	--
New York	269	2.56	8.1	175	0.23	5.1	0	--	--
Pennsylvania	2,778	2.96	10.9	13	0.24	4.8	0	--	--
East North Central	1,265	3.06	12.9	4,684	0.22	4.7	0	--	--
Illinois	344	3.70	25.8	4,600	0.21	4.7	0	--	--
Indiana	281	3.35	10.8	0	--	--	0	--	--
Michigan	0	--	--	0	--	--	0	--	--
Ohio	640	2.71	9.0	83	0.26	5.1	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	2,055	2.54	10.9	110	0.15	4.0	0	--	--
Delaware	92	2.11	7.7	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	49	1.12	11.6	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	653	1.95	9.3	110	0.15	4.0	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	118	0.78	10.9	0	--	--	0	--	--
West Virginia	1,143	3.17	12.1	0	--	--	0	--	--
East South Central	20	2.70	8.6	0	--	--	45	0.43	13.1
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	20	2.70	8.6	0	--	--	45	0.43	13.1
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	37	1.71	25.7	3,034	0.34	5.5	2,470	1.06	16.1
Arkansas	0	--	--	164	0.26	5.3	0	--	--
Louisiana	0	--	--	458	0.28	4.9	0	--	--
Oklahoma	37	1.71	25.7	56	0.25	4.6	0	--	--
Texas	0	--	--	2,356	0.36	5.7	2,470	1.06	16.1
Mountain	0	--	--	751	0.67	9.4	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	676	0.72	9.9	0	--	--
Nevada	0	--	--	76	0.31	5.1	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	54	1.05	11.1	486	0.44	9.0	0	--	--
California	54	1.05	11.1	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	486	0.44	9.0	0	--	--
Pacific Noncontiguous	60	1.14	4.3	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	60	1.14	4.3	0	--	--	0	--	--
U.S. Total	6,853	2.71	11.1	9,430	0.30	5.5	2,515	1.05	16.0

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

Table 4.17. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Commercial Sector by State, March 2014

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	0	--	--	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	9	2.32	8.8	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	9	2.32	8.8	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	11	3.07	8.7	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	11	3.07	8.7	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	20	2.72	8.7	0	--	--	0	--	--

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See the Instrument Design History section of the Form EIA-923 Technical Notes for a more detailed explanation of these changes.
See Glossary for definitions. Values for 2013 and 2014 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

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

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	8	0.81	8.7	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	8	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	44	2.05	9.4	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	31	2.12	8.6	0	--	--	0	--	--
Pennsylvania	13	1.87	11.5	0	--	--	0	--	--
East North Central	175	3.32	8.7	76	0.36	5.4	0	--	--
Illinois	129	3.53	8.3	49	0.41	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	10	0.73	7.7	0	--	--	0	--	--
Ohio	26	3.51	11.3	0	--	--	0	--	--
Wisconsin	10	2.90	8.6	28	0.26	5.1	0	--	--
West North Central	45	3.50	8.0	65	0.22	4.4	0	--	--
Iowa	45	3.50	8.0	65	0.22	4.4	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	177	1.48	11.6	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	59	1.08	9.7	0	--	--	0	--	--
Maryland	38	2.64	19.6	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	20	0.74	8.0	0	--	--	0	--	--
Virginia	31	1.88	8.0	0	--	--	0	--	--
West Virginia	29	0.94	12.6	0	--	--	0	--	--
East South Central	149	0.91	9.0	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	149	0.91	9.0	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	30	0.31	10.0	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	30	0.31	10.0	0	--	--	0	--	--
Wyoming	0	--	--	0	--	--	0	--	--
Pacific Contiguous	44	0.47	11.2	0	--	--	0	--	--
California	44	0.47	11.2	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	671	1.83	9.8	141	0.29	4.9	0	--	--

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

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

Table 5.1. Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - March 2014 (Million Kilowatthours)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2004	1,291,982	1,230,425	1,017,850	7,224	3,547,479
2005	1,359,227	1,275,079	1,019,156	7,506	3,660,969
2006	1,351,520	1,299,744	1,011,298	7,358	3,669,919
2007	1,392,241	1,336,315	1,027,832	8,173	3,764,561
2008	1,380,662	1,336,133	1,009,516	7,653	3,733,965
2009	1,364,758	1,306,853	917,416	7,768	3,596,795
2010	1,445,708	1,330,199	971,221	7,712	3,754,841
2011	1,422,801	1,328,057	991,316	7,672	3,749,846
2012	1,374,515	1,327,101	985,714	7,320	3,694,650
2013	1,391,090	1,338,448	954,725	7,525	3,691,789
2012					
January	125,881	105,239	79,205	650	310,975
February	107,975	100,080	78,298	629	286,983
March	99,362	102,474	81,298	597	283,731
April	88,103	101,037	81,030	590	270,760
May	100,895	110,800	84,678	595	296,968
June	122,934	118,009	83,619	597	325,160
July	154,579	128,535	87,219	629	370,963
August	147,941	128,106	88,105	633	364,785
Sept	118,831	116,585	82,060	613	318,090
October	96,669	110,471	82,996	599	290,735
November	97,155	101,641	78,847	569	278,212
December	114,188	104,122	78,360	619	297,288
2013					
January	131,354	107,400	78,141	656	317,551
February	112,857	100,722	74,453	649	288,681
March	111,784	103,839	78,097	633	294,352
April	95,297	101,385	77,633	623	274,937
May	94,978	108,883	82,086	619	286,566
June	117,708	117,670	81,411	629	317,418
July	143,438	127,735	83,703	637	355,513
August	137,734	127,369	84,701	634	350,437
Sept	121,114	118,977	80,298	631	321,020
October	98,656	112,171	80,463	589	291,879
November	97,812	103,449	77,536	562	279,359
December	128,357	108,849	76,205	665	314,076
2014					
January	146,435	114,230	77,616	724	339,006
February	130,478	104,662	73,135	723	308,997
March	114,158	106,873	78,081	645	299,756
Year to Date					
2012	333,219	307,794	238,801	1,876	881,690
2013	355,995	311,960	230,691	1,937	900,584
2014	391,070	325,765	228,832	2,092	947,759
Rolling 12 Months Ending in March					
2013	1,397,291	1,331,268	977,604	7,381	3,713,544
2014	1,426,165	1,352,253	952,866	7,681	3,738,964

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

Table 5.2. Revenue from Retail Sales of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - March 2014 (Million Dollars)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2004	115,577	100,546	53,477	519	270,119
2005	128,393	110,522	58,445	643	298,003
2006	140,582	122,914	62,308	702	326,506
2007	148,295	128,903	65,712	792	343,703
2008	155,496	137,036	70,231	820	363,583
2009	157,044	132,747	62,670	828	353,289
2010	166,778	135,554	65,772	814	368,918
2011	166,714	135,927	67,606	803	371,049
2012	163,280	133,898	65,761	747	363,687
2013	168,546	137,778	65,111	773	372,208
2012					
January	14,360	10,352	5,102	64	29,878
February	12,424	9,944	5,052	60	27,479
March	11,621	10,086	5,250	59	27,015
April	10,504	9,919	5,168	60	25,650
May	12,011	11,039	5,528	59	28,637
June	14,863	12,259	5,765	62	32,949
July	18,553	13,354	6,219	67	38,193
August	18,009	13,313	6,239	67	37,629
Sept	14,614	12,238	5,716	66	32,634
October	11,633	11,131	5,491	61	28,316
November	11,418	10,052	5,122	59	26,651
December	13,271	10,212	5,110	64	28,656
2013					
January	15,068	10,515	5,040	67	30,690
February	13,122	10,141	4,923	66	28,253
March	12,972	10,406	5,149	62	28,589
April	11,368	10,100	5,069	62	26,598
May	11,796	11,171	5,497	63	28,527
June	14,758	12,592	5,806	65	33,221
July	18,094	13,747	6,123	67	38,032
August	17,230	13,659	6,144	66	37,098
Sept	15,125	12,564	5,734	67	33,490
October	12,142	11,553	5,468	61	29,223
November	11,827	10,470	5,111	58	27,466
December	15,045	10,861	5,048	68	31,022
2014					
January	17,060	11,808	5,403	75	34,346
February	15,495	11,196	5,211	74	31,975
March	13,993	11,416	5,457	66	30,933
Year to Date					
2012	38,404	30,382	15,403	183	84,373
2013	41,162	31,062	15,112	196	87,532
2014	46,548	34,420	16,071	215	97,254
Rolling 12 Months Ending in March					
2013	166,038	134,579	65,470	760	366,847
2014	173,932	141,136	66,070	792	381,930

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

Table 5.3. Average Retail Price of Electricity to Ultimate Customers: Total by End-Use Sector, 2004 - March 2014 (Cents per Kilowatthour)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2004	8.95	8.17	5.25	7.18	7.61
2005	9.45	8.67	5.73	8.57	8.14
2006	10.40	9.46	6.16	9.54	8.90
2007	10.65	9.65	6.39	9.70	9.13
2008	11.26	10.26	6.96	10.71	9.74
2009	11.51	10.16	6.83	10.66	9.82
2010	11.54	10.19	6.77	10.56	9.83
2011	11.72	10.24	6.82	10.46	9.90
2012	11.88	10.09	6.67	10.21	9.84
2013	12.12	10.29	6.82	10.28	10.08
2012					
January	11.41	9.84	6.44	9.78	9.61
February	11.51	9.94	6.45	9.61	9.58
March	11.70	9.84	6.46	9.95	9.52
April	11.92	9.82	6.38	10.11	9.47
May	11.90	9.96	6.53	9.97	9.64
June	12.09	10.39	6.89	10.33	10.13
July	12.00	10.39	7.13	10.70	10.30
August	12.17	10.39	7.08	10.53	10.32
Sept	12.30	10.50	6.97	10.74	10.26
October	12.03	10.08	6.62	10.13	9.74
November	11.75	9.89	6.50	10.41	9.58
December	11.62	9.81	6.52	10.28	9.64
2013					
January	11.47	9.79	6.45	10.24	9.66
February	11.63	10.07	6.61	10.23	9.79
March	11.60	10.02	6.59	9.83	9.71
April	11.93	9.96	6.53	9.95	9.67
May	12.42	10.26	6.70	10.16	9.95
June	12.54	10.70	7.13	10.39	10.47
July	12.61	10.76	7.32	10.57	10.70
August	12.51	10.72	7.25	10.38	10.59
Sept	12.49	10.56	7.14	10.60	10.43
October	12.31	10.30	6.80	10.41	10.01
November	12.09	10.12	6.59	10.40	9.83
December	11.72	9.98	6.62	10.17	9.88
2014					
January	11.65	10.34	6.96	10.29	10.13
February	11.88	10.70	7.12	10.19	10.35
March	12.26	10.68	6.99	10.29	10.32
Year to Date					
2012	11.53	9.87	6.45	9.78	9.57
2013	11.56	9.96	6.55	10.10	9.72
2014	11.90	10.57	7.02	10.26	10.26
Rolling 12 Months Ending in March					
2013	11.88	10.11	6.70	10.29	9.88
2014	12.20	10.44	6.93	10.31	10.21

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

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	4,275	4,038	4,350	3,569	1,493	2,165	49	50	10,167	9,824
Connecticut	1,158	1,090	1,039	1,012	264	255	13	15	2,474	2,372
Maine	436	390	330	317	280	247	0	0	1,045	955
Massachusetts	1,798	1,738	2,140	1,421	606	1,320	34	33	4,578	4,512
New Hampshire	403	368	358	344	152	149	0	0	912	861
Rhode Island	282	266	312	309	79	77	2	2	674	655
Vermont	199	186	172	166	113	117	0	0	484	469
Middle Atlantic	11,888	11,014	13,133	12,632	5,966	5,732	343	342	31,330	29,720
New Jersey	2,282	2,134	3,250	3,106	626	625	29	27	6,188	5,892
New York	4,285	3,974	6,199	6,017	1,329	1,084	243	239	12,057	11,315
Pennsylvania	5,320	4,906	3,683	3,508	4,011	4,023	70	77	13,084	12,513
East North Central	16,614	16,335	15,152	14,895	16,179	16,233	51	56	47,997	47,519
Illinois	3,864	3,780	4,243	4,137	3,624	3,607	44	49	11,774	11,573
Indiana	2,959	2,990	1,975	1,953	3,925	3,942	2	2	8,861	8,886
Michigan	3,041	2,926	3,105	3,042	2,632	2,441	1	0	8,778	8,409
Ohio	4,828	4,785	3,842	3,858	4,056	4,337	5	5	12,730	12,986
Wisconsin	1,923	1,854	1,987	1,905	1,943	1,905	0	0	5,853	5,665
West North Central	9,241	9,132	8,276	8,105	7,146	7,045	5	4	24,668	24,287
Iowa	1,257	1,274	1,016	1,016	1,618	1,542	0	0	3,891	3,832
Kansas	1,055	1,045	1,193	1,172	903	863	0	0	3,151	3,080
Minnesota	2,026	1,939	1,925	1,871	1,849	1,830	2	2	5,800	5,642
Missouri	2,990	3,060	2,451	2,452	1,323	1,415	3	2	6,767	6,929
Nebraska	914	874	760	744	791	781	0	0	2,465	2,399
North Dakota	533	501	528	466	454	412	0	0	1,515	1,378
South Dakota	468	439	402	384	209	203	0	0	1,079	1,026
South Atlantic	28,303	28,039	24,035	23,675	11,727	11,343	111	105	64,177	63,162
Delaware	447	349	346	291	176	200	0	0	969	840
District of Columbia	189	199	690	729	20	23	26	26	925	977
Florida	8,086	7,918	6,968	6,724	1,358	1,337	7	7	16,419	15,986
Georgia	4,241	4,369	3,539	3,584	2,589	2,535	13	13	10,382	10,501
Maryland	2,547	2,365	2,471	2,429	307	330	47	44	5,372	5,167
North Carolina	4,970	5,020	3,714	3,660	2,272	2,118	1	1	10,957	10,799
South Carolina	2,393	2,459	1,681	1,664	2,468	2,300	0	0	6,542	6,424
Virginia	4,226	4,133	3,967	3,920	1,447	1,402	17	14	9,657	9,469
West Virginia	1,205	1,229	660	673	1,089	1,097	0	0	2,954	2,999
East South Central	9,876	9,876	6,757	6,723	8,635	9,722	0	0	25,269	26,321
Alabama	2,431	2,540	1,693	1,686	2,949	2,750	0	0	7,073	6,976
Kentucky	2,408	2,406	1,505	1,521	2,516	3,767	0	0	6,430	7,694
Mississippi	1,462	1,413	1,018	1,003	1,373	1,335	0	0	3,853	3,751
Tennessee	3,575	3,517	2,541	2,513	1,797	1,869	0	0	7,913	7,900
West South Central	15,533	14,428	14,354	13,712	13,280	12,264	14	6	43,182	40,409
Arkansas	1,602	1,504	914	890	1,350	1,305	NM	NM	3,867	3,699
Louisiana	2,293	2,138	1,824	1,774	2,382	2,386	1	1	6,501	6,300
Oklahoma	1,816	1,720	1,526	1,447	1,346	1,303	0	0	4,688	4,470
Texas	9,822	9,066	10,090	9,601	8,202	7,269	13	5	28,127	25,940
Mountain	6,497	6,698	7,289	7,145	6,444	6,402	11	9	20,241	20,254
Arizona	1,788	1,942	2,198	2,154	1,091	1,027	0	0	5,076	5,122
Colorado	1,441	1,447	1,600	1,568	1,262	1,214	5	4	4,308	4,233
Idaho	696	721	487	485	527	558	0	0	1,710	1,764
Montana	504	436	422	393	308	319	0	0	1,235	1,148
Nevada	661	704	700	698	1,051	1,078	1	1	2,412	2,480
New Mexico	479	504	674	675	607	584	0	0	1,760	1,763
Utah	661	682	861	827	788	759	5	4	2,315	2,273
Wyoming	267	262	347	345	811	863	0	0	1,425	1,471
Pacific Contiguous	11,527	11,821	13,032	12,885	6,797	6,792	61	60	31,417	31,559
California	6,268	6,634	9,171	9,153	3,563	3,565	59	58	19,060	19,410
Oregon	1,649	1,711	1,310	1,304	936	953	2	2	3,896	3,970
Washington	3,611	3,476	2,551	2,428	2,298	2,275	0	0	8,460	8,179
Pacific Noncontiguous	403	403	494	497	414	398	0	0	1,310	1,297
Alaska	198	192	241	239	119	109	0	0	559	540
Hawaii	205	211	253	257	294	289	0	0	752	757
U.S. Total	114,158	111,784	106,873	103,839	78,081	78,097	645	633	299,756	294,352

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

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

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	13,821	12,926	13,765	10,934	4,426	6,517	157	157	32,169	30,533
Connecticut	3,808	3,557	3,458	3,159	832	778	45	51	8,143	7,544
Maine	1,365	1,246	1,000	979	771	698	0	0	3,137	2,923
Massachusetts	5,846	5,467	6,735	4,306	1,769	3,990	104	99	14,455	13,862
New Hampshire	1,337	1,244	1,151	1,109	481	467	0	0	2,970	2,820
Rhode Island	836	814	907	886	223	225	8	7	1,973	1,932
Vermont	628	598	514	494	349	359	0	0	1,491	1,451
Middle Atlantic	38,050	35,092	39,799	38,422	18,074	16,952	1,097	1,043	97,019	91,510
New Jersey	7,191	6,752	9,545	9,179	1,812	1,889	87	74	18,634	17,894
New York	13,674	12,655	18,957	18,445	4,183	3,321	783	741	37,597	35,162
Pennsylvania	17,186	15,686	11,297	10,798	12,078	11,742	227	228	40,788	38,454
East North Central	55,472	50,619	45,939	44,287	47,288	47,938	198	176	148,896	143,019
Illinois	12,956	11,893	12,915	12,381	10,808	10,914	175	154	36,854	35,342
Indiana	10,468	9,338	6,018	5,871	11,286	11,454	6	6	27,778	26,669
Michigan	9,471	8,999	9,268	9,062	7,618	7,319	2	1	26,359	25,381
Ohio	16,243	14,457	11,770	11,291	11,860	12,674	15	15	39,888	38,437
Wisconsin	6,333	5,932	5,968	5,681	5,716	5,577	0	0	18,017	17,190
West North Central	31,689	28,997	25,518	24,326	21,043	20,744	44	12	78,294	74,079
Iowa	4,330	4,036	3,195	3,036	4,792	4,617	0	0	12,317	11,689
Kansas	3,647	3,273	3,710	3,541	2,637	2,503	0	0	9,993	9,317
Minnesota	6,632	6,247	5,722	5,520	5,346	5,335	6	5	17,706	17,108
Missouri	10,732	9,551	7,655	7,362	3,867	4,119	8	7	22,262	21,039
Nebraska	3,007	2,827	2,360	2,254	2,386	2,295	0	0	7,754	7,377
North Dakota	1,798	1,641	1,630	1,438	1,385	1,269	0	0	4,813	4,348
South Dakota	1,543	1,421	1,245	1,175	630	605	30	0	3,448	3,200
South Atlantic	97,289	86,586	72,299	70,306	33,453	33,065	340	327	203,380	190,285
Delaware	1,446	1,292	1,043	995	520	635	0	0	3,009	2,921
District of Columbia	606	548	2,070	1,962	58	57	77	74	2,811	2,641
Florida	26,480	23,864	20,737	20,192	4,014	3,939	22	21	51,252	48,017
Georgia	15,494	13,484	10,995	10,642	7,498	7,340	42	41	34,028	31,507
Maryland	8,559	7,609	7,362	7,386	865	947	143	139	16,930	16,081
North Carolina	17,293	15,541	11,260	10,799	6,234	6,173	2	2	34,789	32,516
South Carolina	8,642	7,539	5,105	4,859	6,967	6,801	0	0	20,714	19,199
Virginia	14,551	12,994	11,665	11,508	4,223	4,066	52	50	30,491	28,617
West Virginia	4,219	3,713	2,062	1,965	3,074	3,107	1	1	9,356	8,786
East South Central	36,380	30,997	21,518	20,524	25,086	28,572	0	1	82,985	80,093
Alabama	9,186	7,878	5,367	5,079	8,395	8,093	0	0	22,948	21,050
Kentucky	8,598	7,523	4,761	4,549	7,425	10,976	0	0	20,784	23,049
Mississippi	5,413	4,539	3,209	3,048	4,059	3,943	0	0	12,681	11,530
Tennessee	13,183	11,056	8,181	7,848	5,207	5,560	0	1	26,572	24,464
West South Central	57,732	47,582	44,527	41,614	38,749	36,656	46	18	141,054	125,869
Arkansas	5,610	4,791	2,826	2,671	3,966	3,898	NM	NM	12,402	11,360
Louisiana	8,419	6,996	5,744	5,423	7,443	7,447	3	3	21,609	19,869
Oklahoma	6,277	5,498	4,476	4,276	3,942	3,836	0	0	14,695	13,610
Texas	37,427	30,296	31,480	29,243	23,398	21,476	43	15	92,347	81,031
Mountain	21,492	22,734	21,508	21,367	19,203	18,909	34	30	62,236	63,039
Arizona	5,874	6,698	6,365	6,340	3,141	2,977	0	0	15,380	16,015
Colorado	4,604	4,637	4,722	4,659	3,684	3,581	17	13	13,027	12,891
Idaho	2,455	2,562	1,532	1,514	1,582	1,686	0	0	5,570	5,763
Montana	1,592	1,468	1,280	1,220	965	1,023	0	0	3,837	3,710
Nevada	2,277	2,455	2,007	1,997	3,062	3,079	2	2	7,349	7,533
New Mexico	1,674	1,734	2,011	2,031	1,787	1,709	0	0	5,472	5,473
Utah	2,122	2,294	2,558	2,538	2,421	2,412	15	14	7,116	7,258
Wyoming	892	886	1,033	1,067	2,560	2,443	0	0	4,485	4,396
Pacific Contiguous	37,904	39,211	39,405	38,695	20,302	20,167	178	175	97,789	98,249
California	20,298	21,897	27,630	27,121	10,741	10,618	170	167	58,840	59,804
Oregon	5,762	5,815	4,013	3,940	2,777	2,779	6	6	12,558	12,541
Washington	11,844	11,499	7,762	7,634	6,784	6,770	1	1	26,392	25,904
Pacific Noncontiguous	1,242	1,251	1,487	1,486	1,208	1,171	0	0	3,937	3,908
Alaska	618	614	739	739	350	330	0	0	1,706	1,683
Hawaii	624	637	748	747	858	842	0	0	2,231	2,225
U.S. Total	391,070	355,995	325,765	311,960	228,832	230,691	2,092	1,937	947,759	900,584

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

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	756	635	676	518	193	268	4	4	1,630	1,425
Connecticut	226	188	171	151	36	33	2	1	435	373
Maine	66	55	46	38	34	23	0	0	146	116
Massachusetts	312	257	331	214	80	173	NM	2	725	647
New Hampshire	70	61	55	47	20	18	0	0	145	126
Rhode Island	48	43	49	44	11	10	0	0	108	97
Vermont	35	31	25	24	12	12	0	0	72	66
Middle Atlantic	1,950	1,656	1,864	1,590	502	416	42	40	4,358	3,702
New Jersey	364	327	448	375	82	64	3	3	896	769
New York	894	726	1,045	887	90	71	34	31	2,063	1,715
Pennsylvania	692	603	371	328	330	281	5	6	1,399	1,218
East North Central	1,984	1,895	1,493	1,407	1,131	1,054	3	3	4,611	4,358
Illinois	415	381	379	323	241	205	3	3	1,037	912
Indiana	325	314	192	187	265	259	0	0	782	759
Michigan	430	412	339	333	209	190	0	0	978	935
Ohio	558	540	374	363	271	259	0	0	1,202	1,162
Wisconsin	257	247	209	201	145	142	0	0	611	590
West North Central	974	929	734	688	484	456	0	0	2,192	2,073
Iowa	138	134	88	81	95	86	0	0	321	301
Kansas	124	117	119	111	66	59	0	0	308	287
Minnesota	240	220	188	169	136	125	0	0	565	514
Missouri	293	292	197	196	72	79	0	0	561	567
Nebraska	87	82	65	62	65	64	0	0	216	208
North Dakota	46	42	44	37	34	30	0	0	124	109
South Dakota	46	42	34	31	15	14	0	0	95	88
South Atlantic	3,261	3,053	2,361	2,210	772	718	10	9	6,404	5,990
Delaware	54	45	38	30	16	17	0	0	109	93
District of Columbia	24	24	86	87	2	2	NM	3	115	115
Florida	959	886	705	651	110	102	1	1	1,775	1,640
Georgia	476	465	367	353	157	148	1	1	1,001	968
Maryland	346	297	293	250	32	28	4	4	674	578
North Carolina	550	517	331	312	140	129	0	0	1,021	958
South Carolina	293	270	172	163	151	132	0	0	617	564
Virginia	448	433	316	309	98	92	1	1	863	835
West Virginia	111	116	54	55	64	68	0	0	230	239
East South Central	1,067	996	716	667	526	548	0	0	2,309	2,211
Alabama	283	279	185	176	173	156	0	0	641	611
Kentucky	241	225	143	136	142	194	0	0	526	554
Mississippi	165	149	112	101	92	81	0	0	370	331
Tennessee	378	344	276	254	118	117	0	0	772	715
West South Central	1,680	1,494	1,194	1,113	787	694	1	1	3,662	3,302
Arkansas	145	136	71	69	75	73	NM	NM	291	279
Louisiana	210	196	167	162	140	144	0	0	517	502
Oklahoma	175	161	116	107	73	67	0	0	364	335
Texas	1,149	1,001	840	775	499	409	1	1	2,489	2,185
Mountain	725	714	679	642	411	382	1	1	1,816	1,739
Arizona	202	211	205	202	67	63	0	0	475	476
Colorado	169	164	157	149	89	83	1	0	416	397
Idaho	64	62	37	34	30	29	0	0	131	124
Montana	50	44	40	37	18	17	0	0	108	98
Nevada	88	84	68	61	65	56	0	0	221	201
New Mexico	56	57	67	64	40	37	0	0	163	158
Utah	69	67	74	66	47	43	0	0	190	176
Wyoming	27	26	30	29	55	55	0	0	112	110
Pacific Contiguous	1,481	1,487	1,567	1,446	541	507	5	4	3,594	3,444
California	999	1,026	1,244	1,147	384	357	4	4	2,631	2,534
Oregon	168	166	117	110	58	55	0	0	343	330
Washington	314	295	207	190	99	95	0	0	620	580
Pacific Noncontiguous	116	113	131	125	111	106	0	0	357	344
Alaska	37	34	41	36	18	18	0	0	96	88
Hawaii	79	79	90	89	93	88	0	0	262	257
U.S. Total	13,993	12,972	11,416	10,406	5,457	5,149	66	62	30,933	28,589

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

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

	Residential		Commercial		Industrial		Transportation		All Sectors	
Census Division and State	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	2,413	2,015	2,098	1,572	574	807	15	12	5,099	4,406
Connecticut	724	607	549	471	113	100	7	5	1,395	1,183
Maine	201	180	142	120	94	66	0	0	437	366
Massachusetts	997	799	1,008	633	235	520	NM	6	2,247	1,959
New Hampshire	227	203	178	153	63	56	0	0	468	411
Rhode Island	155	128	147	124	32	29	1	1	335	282
Vermont	108	98	74	70	37	36	0	0	219	205
Middle Atlantic	6,193	5,296	5,675	4,878	1,581	1,238	132	128	13,581	11,540
New Jersey	1,122	1,033	1,317	1,106	250	191	9	8	2,697	2,338
New York	2,828	2,331	3,205	2,769	313	223	105	102	6,451	5,424
Pennsylvania	2,243	1,933	1,153	1,003	1,018	825	18	18	4,432	3,779
East North Central	6,412	5,809	4,450	4,136	3,309	3,080	12	10	14,184	13,036
Illinois	1,327	1,217	1,115	961	715	610	10	8	3,167	2,797
Indiana	1,101	954	581	550	772	744	1	1	2,455	2,248
Michigan	1,326	1,246	995	974	595	557	0	0	2,915	2,777
Ohio	1,816	1,606	1,129	1,051	796	756	1	1	3,743	3,414
Wisconsin	842	786	630	601	430	413	0	0	1,903	1,800
West North Central	3,183	2,887	2,194	2,034	1,380	1,314	4	1	6,762	6,235
Iowa	449	414	263	241	269	254	0	0	981	910
Kansas	410	359	354	330	190	173	0	0	954	863
Minnesota	767	703	542	497	384	364	1	0	1,694	1,564
Missouri	984	885	600	575	217	227	0	0	1,802	1,687
Nebraska	276	258	196	184	173	165	0	0	645	607
North Dakota	148	133	133	112	103	89	0	0	384	334
South Dakota	149	134	105	94	44	41	3	0	301	270
South Atlantic	10,999	9,424	7,110	6,540	2,275	2,084	31	28	20,415	18,075
Delaware	179	166	118	102	52	53	0	0	349	321
District of Columbia	77	66	269	234	6	4	NM	7	359	311
Florida	3,138	2,696	2,079	1,949	322	302	2	2	5,542	4,949
Georgia	1,699	1,406	1,160	1,028	493	422	3	3	3,356	2,859
Maryland	1,145	952	874	763	93	79	14	12	2,125	1,806
North Carolina	1,854	1,602	994	921	402	375	0	0	3,250	2,898
South Carolina	1,030	854	521	471	438	384	0	0	1,988	1,709
Virginia	1,493	1,332	929	910	286	270	4	4	2,713	2,515
West Virginia	384	350	165	163	184	194	0	0	734	707
East South Central	3,748	3,115	2,212	2,016	1,551	1,616	0	0	7,510	6,747
Alabama	1,023	859	582	530	502	457	0	0	2,108	1,846
Kentucky	827	702	438	399	440	566	0	0	1,705	1,667
Mississippi	582	467	348	299	269	241	0	0	1,199	1,007
Tennessee	1,316	1,087	844	787	340	352	0	0	2,499	2,227
West South Central	5,987	4,870	3,615	3,359	2,274	2,052	2	2	11,879	10,283
Arkansas	481	428	214	209	222	219	NM	NM	916	856
Louisiana	739	632	513	488	414	436	0	0	1,667	1,556
Oklahoma	567	482	342	302	212	187	0	0	1,121	971
Texas	4,200	3,328	2,546	2,359	1,426	1,211	2	2	8,174	6,900
Mountain	2,350	2,379	1,974	1,888	1,192	1,114	3	3	5,519	5,384
Arizona	654	708	598	587	197	182	0	0	1,448	1,477
Colorado	535	520	457	435	260	248	2	1	1,255	1,205
Idaho	222	221	114	103	87	84	0	0	423	409
Montana	157	145	120	114	55	52	0	0	332	311
Nevada	287	283	188	173	177	158	0	0	652	615
New Mexico	191	193	198	189	110	103	0	0	500	484
Utah	215	223	210	198	138	132	1	1	564	554
Wyoming	88	85	89	88	168	155	0	0	345	329
Pacific Contiguous	4,915	5,021	4,707	4,271	1,616	1,495	14	12	11,251	10,800
California	3,305	3,481	3,731	3,349	1,145	1,058	13	12	8,194	7,899
Oregon	585	563	354	328	171	156	1	1	1,111	1,048
Washington	1,025	977	622	594	300	281	0	0	1,946	1,852
Pacific Noncontiguous	349	345	386	370	319	312	0	0	1,054	1,027
Alaska	114	108	124	109	53	53	0	0	291	269
Hawaii	235	238	262	261	265	259	0	0	762	758
U.S. Total	46,548	41,162	34,420	31,062	16,071	15,112	215	196	97,254	87,532

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, March 2014 and 2013 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	17.67	15.72	15.55	14.52	12.95	12.39	9.01	7.47	16.03	14.51
Connecticut	19.51	17.23	16.44	14.91	13.64	12.84	14.21	9.09	17.57	15.71
Maine	15.22	14.16	13.95	11.98	12.20	9.23	--	--	14.01	12.16
Massachusetts	17.33	14.77	15.44	15.09	13.24	13.14	NM	6.34	15.83	14.33
New Hampshire	17.33	16.59	15.32	13.77	13.18	11.79	--	--	15.85	14.64
Rhode Island	16.86	16.23	15.73	14.21	13.99	12.89	13.46	12.88	15.99	14.87
Vermont	17.36	16.56	14.70	14.19	10.58	10.16	--	--	14.83	14.12
Middle Atlantic	16.40	15.03	14.20	12.59	8.42	7.26	12.23	11.64	13.91	12.46
New Jersey	15.93	15.33	13.77	12.08	13.06	10.22	10.33	10.46	14.48	13.05
New York	20.87	18.26	16.86	14.74	6.76	6.57	13.93	13.06	17.11	15.15
Pennsylvania	13.01	12.30	10.09	9.34	8.24	6.98	7.14	7.64	10.69	9.73
East North Central	11.94	11.60	9.85	9.44	6.99	6.49	6.46	5.77	9.61	9.17
Illinois	10.73	10.08	8.92	7.80	6.65	5.68	6.03	5.52	8.81	7.88
Indiana	10.98	10.49	9.72	9.56	6.76	6.56	10.12	10.18	8.83	8.54
Michigan	14.14	14.08	10.92	10.96	7.95	7.77	13.42	9.78	11.14	11.12
Ohio	11.56	11.30	9.72	9.40	6.67	5.96	7.96	6.26	9.45	8.95
Wisconsin	13.34	13.34	10.54	10.55	7.45	7.44	--	--	10.44	10.42
West North Central	10.54	10.17	8.87	8.49	6.77	6.47	7.22	7.54	8.88	8.54
Iowa	11.00	10.49	8.62	8.01	5.89	5.59	--	--	8.25	7.86
Kansas	11.74	11.17	9.95	9.46	7.30	6.85	--	--	9.79	9.31
Minnesota	11.87	11.33	9.75	9.05	7.38	6.83	10.15	8.90	9.74	9.11
Missouri	9.79	9.56	8.02	7.99	5.46	5.55	5.27	6.50	8.30	8.18
Nebraska	9.48	9.43	8.54	8.36	8.20	8.15	--	--	8.78	8.68
North Dakota	8.64	8.40	8.40	7.98	7.46	7.18	--	--	8.20	7.89
South Dakota	9.81	9.60	8.57	8.12	7.16	6.97	--	--	8.83	8.53
South Atlantic	11.52	10.89	9.82	9.33	6.58	6.33	8.87	8.70	9.98	9.48
Delaware	12.20	13.02	10.95	10.35	9.32	8.49	--	--	11.23	11.01
District of Columbia	12.63	12.14	12.52	11.87	10.46	8.64	NM	9.67	12.42	11.79
Florida	11.86	11.19	10.12	9.69	8.12	7.65	9.60	8.95	10.81	10.26
Georgia	11.22	10.65	10.36	9.86	6.08	5.85	7.98	7.86	9.64	9.22
Maryland	13.57	12.56	11.84	10.28	10.25	8.46	8.88	8.56	12.55	11.19
North Carolina	11.07	10.29	8.90	8.52	6.15	6.11	8.08	7.95	9.32	8.87
South Carolina	12.26	10.96	10.23	9.76	6.13	5.72	--	--	9.43	8.78
Virginia	10.60	10.49	7.97	7.88	6.79	6.54	7.97	8.06	8.94	8.82
West Virginia	9.24	9.47	8.18	8.19	5.91	6.19	10.01	8.68	7.78	7.98
East South Central	10.80	10.09	10.60	9.92	6.09	5.64	13.80	12.19	9.14	8.40
Alabama	11.63	10.97	10.94	10.45	5.88	5.68	--	--	9.07	8.76
Kentucky	10.01	9.33	9.49	8.92	5.64	5.16	--	--	8.18	7.21
Mississippi	11.28	10.53	11.04	10.06	6.73	6.05	--	--	9.59	8.81
Tennessee	10.58	9.79	10.86	10.12	6.58	6.24	13.80	12.19	9.76	9.05
West South Central	10.82	10.35	8.32	8.12	5.93	5.66	5.40	10.49	8.48	8.17
Arkansas	9.05	9.07	7.77	7.81	5.56	5.62	NM	NM	7.53	7.55
Louisiana	9.17	9.15	9.16	9.12	5.87	6.04	9.21	10.13	7.96	7.96
Oklahoma	9.66	9.36	7.59	7.41	5.43	5.16	--	--	7.77	7.50
Texas	11.70	11.04	8.33	8.07	6.09	5.63	5.11	10.54	8.85	8.42
Mountain	11.16	10.67	9.32	8.99	6.38	5.96	9.97	10.59	8.97	8.59
Arizona	11.32	10.87	9.35	9.38	6.15	6.13	--	--	9.36	9.29
Colorado	11.73	11.37	9.83	9.50	7.09	6.86	10.07	10.76	9.66	9.38
Idaho	9.16	8.57	7.63	6.92	5.73	5.17	--	--	7.67	7.04
Montana	9.91	10.05	9.51	9.47	5.80	5.25	--	--	8.75	8.52
Nevada	13.39	11.90	9.67	8.77	6.18	5.19	8.68	7.53	9.17	8.10
New Mexico	11.63	11.32	10.00	9.49	6.65	6.25	--	--	9.29	8.94
Utah	10.41	9.79	8.54	7.97	5.94	5.62	10.02	10.83	8.19	7.74
Wyoming	10.05	9.83	8.73	8.43	6.73	6.36	--	--	7.84	7.46
Pacific Contiguous	12.85	12.58	12.02	11.22	7.96	7.47	7.62	7.21	11.44	10.91
California	15.94	15.47	13.56	12.53	10.78	10.02	7.55	7.15	13.80	13.06
Oregon	10.19	9.69	8.90	8.40	6.22	5.77	9.21	8.88	8.80	8.32
Washington	8.71	8.48	8.11	7.82	4.30	4.18	9.61	8.22	7.33	7.09
Pacific Noncontiguous	28.74	28.15	26.54	25.21	26.73	26.60	--	--	27.27	26.55
Alaska	18.66	17.95	16.95	15.00	15.02	16.06	--	--	17.14	16.26
Hawaii	38.51	37.43	35.69	34.70	31.47	30.58	--	--	34.80	33.89
U.S. Total	12.26	11.60	10.68	10.02	6.99	6.59	10.29	9.83	10.32	9.71

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD	March 2014 YTD	March 2013 YTD
New England	17.46	15.59	15.24	14.37	12.96	12.39	9.80	7.46	15.85	14.43
Connecticut	19.02	17.07	15.89	14.91	13.64	12.89	16.33	9.20	17.13	15.68
Maine	14.75	14.42	14.17	12.29	12.14	9.44	--	--	13.92	12.52
Massachusetts	17.05	14.61	14.97	14.70	13.28	13.04	NM	6.20	15.54	14.13
New Hampshire	16.99	16.29	15.42	13.81	13.05	11.91	--	--	15.75	14.59
Rhode Island	18.58	15.78	16.17	13.98	14.36	12.76	14.46	12.49	16.98	14.59
Vermont	17.14	16.47	14.49	14.15	10.49	10.15	--	--	14.67	14.12
Middle Atlantic	16.27	15.09	14.26	12.70	8.75	7.30	12.04	12.23	14.00	12.61
New Jersey	15.60	15.30	13.80	12.05	13.80	10.10	10.08	10.44	14.48	13.06
New York	20.68	18.42	16.91	15.01	7.48	6.70	13.48	13.76	17.16	15.43
Pennsylvania	13.05	12.32	10.21	9.29	8.43	7.03	7.82	7.87	10.87	9.83
East North Central	11.56	11.48	9.69	9.34	7.00	6.43	6.23	5.65	9.53	9.11
Illinois	10.24	10.24	8.63	7.76	6.62	5.59	5.94	5.39	8.59	7.91
Indiana	10.52	10.21	9.66	9.37	6.84	6.49	9.83	9.74	8.84	8.43
Michigan	14.00	13.85	10.73	10.74	7.81	7.61	13.50	9.45	11.06	10.94
Ohio	11.18	11.11	9.59	9.30	6.72	5.97	7.27	6.30	9.38	8.88
Wisconsin	13.30	13.24	10.56	10.57	7.53	7.41	--	--	10.56	10.47
West North Central	10.04	9.95	8.60	8.36	6.56	6.33	9.34	7.39	8.64	8.42
Iowa	10.37	10.26	8.25	7.96	5.61	5.51	--	--	7.97	7.78
Kansas	11.24	10.98	9.55	9.33	7.21	6.93	--	--	9.55	9.26
Minnesota	11.56	11.25	9.47	9.00	7.18	6.82	9.75	9.19	9.56	9.14
Missouri	9.17	9.27	7.84	7.80	5.62	5.51	5.83	6.05	8.10	8.02
Nebraska	9.18	9.12	8.32	8.18	7.24	7.18	--	--	8.32	8.23
North Dakota	8.23	8.10	8.14	7.77	7.45	7.01	--	--	7.98	7.68
South Dakota	9.63	9.45	8.47	8.03	7.04	6.82	10.17	--	8.74	8.43
South Atlantic	11.31	10.88	9.83	9.30	6.80	6.30	9.16	8.62	10.04	9.50
Delaware	12.36	12.84	11.36	10.21	9.94	8.42	--	--	11.60	10.98
District of Columbia	12.65	12.06	12.98	11.91	10.25	7.01	NM	9.75	12.77	11.77
Florida	11.85	11.30	10.03	9.65	8.03	7.66	9.50	8.83	10.81	10.31
Georgia	10.97	10.43	10.55	9.66	6.57	5.76	8.23	7.35	9.86	9.07
Maryland	13.38	12.52	11.87	10.33	10.71	8.29	9.49	8.56	12.55	11.23
North Carolina	10.72	10.30	8.83	8.53	6.44	6.08	8.02	7.88	9.34	8.91
South Carolina	11.91	11.33	10.20	9.68	6.28	5.65	--	--	9.60	8.90
Virginia	10.26	10.25	7.97	7.91	6.78	6.63	8.01	8.06	8.90	8.79
West Virginia	9.11	9.43	8.00	8.29	5.99	6.26	9.50	8.63	7.84	8.05
East South Central	10.30	10.05	10.28	9.82	6.18	5.66	13.69	11.39	9.05	8.42
Alabama	11.14	10.90	10.85	10.44	5.98	5.65	--	--	9.18	8.77
Kentucky	9.62	9.33	9.19	8.77	5.92	5.16	--	--	8.20	7.23
Mississippi	10.74	10.28	10.85	9.83	6.64	6.10	--	--	9.46	8.73
Tennessee	9.98	9.84	10.31	10.03	6.52	6.33	13.69	11.39	9.41	9.10
West South Central	10.37	10.24	8.12	8.07	5.87	5.60	5.38	10.39	8.42	8.17
Arkansas	8.57	8.93	7.56	7.84	5.59	5.62	NM	NM	7.39	7.54
Louisiana	8.78	9.03	8.93	9.01	5.56	5.85	9.53	9.57	7.71	7.83
Oklahoma	9.03	8.78	7.64	7.07	5.39	4.86	--	--	7.63	7.14
Texas	11.22	10.99	8.09	8.07	6.09	5.64	5.10	10.52	8.85	8.51
Mountain	10.93	10.47	9.18	8.83	6.21	5.89	10.18	10.03	8.87	8.54
Arizona	11.14	10.57	9.39	9.26	6.26	6.11	--	--	9.42	9.22
Colorado	11.62	11.22	9.68	9.34	7.07	6.91	10.61	10.48	9.63	9.34
Idaho	9.03	8.64	7.45	6.82	5.51	5.00	--	--	7.59	7.10
Montana	9.87	9.90	9.34	9.32	5.71	5.08	--	--	8.65	8.38
Nevada	12.60	11.53	9.38	8.68	5.78	5.14	8.41	7.40	8.88	8.16
New Mexico	11.43	11.11	9.85	9.30	6.17	6.02	--	--	9.13	8.85
Utah	10.15	9.73	8.19	7.79	5.70	5.46	9.93	9.96	7.93	7.63
Wyoming	9.89	9.62	8.64	8.29	6.55	6.36	--	--	7.69	7.49
Pacific Contiguous	12.97	12.81	11.94	11.04	7.96	7.41	7.76	7.15	11.51	10.99
California	16.28	15.90	13.50	12.35	10.66	9.96	7.71	7.08	13.93	13.21
Oregon	10.16	9.69	8.82	8.33	6.16	5.61	9.03	8.77	8.85	8.36
Washington	8.65	8.49	8.01	7.79	4.42	4.15	9.03	8.18	7.38	7.15
Pacific Noncontiguous	28.14	27.62	25.95	24.88	26.38	26.62	--	--	26.77	26.28
Alaska	18.50	17.54	16.77	14.75	15.21	16.00	--	--	17.08	16.01
Hawaii	37.67	37.33	35.01	34.91	30.92	30.78	--	--	34.18	34.04
U.S. Total	11.90	11.56	10.57	9.96	7.02	6.55	10.26	10.10	10.26	9.72

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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 6.1. Electric Generating Summer Capacity Changes (MW) for Utility Scale Units, February 2014 to March 2014

	As of End of February 2014	Activity During March 2014 as Reported to EIA		As of End of March 2014	Net Change in Capacity - Current Month and Prior Periods			Changes in and Total Net Summer Capacity -- Outlook Based on Reports to EIA							
								Planned Capacity Additions		Planned Capacity Reductions		Planned Net Change		Planned Total Net Summer	
Technology	Total In-Service Capacity	Actual Capacity Additions	Actual Capacity Reductions	Total In-Service Capacity	Current Month	Year to Date	Past 12 Months	Next Month	Next 12 Months	Next Month	Next 12 Months	Next Month	Next 12 Months	At End of Next Month	At End of Next 12 Months
..... Wind (Summer Capacity)	60,735.9	51.5	0.0	60,787.4	51.5	418.5	1,345.6	0.0	5,049.4	0.0	0.0	0.0	5,049.4	60,787.4	65,836.8
..... *Solar Photovoltaic*	*5,564.1*	*113.4*	*84.0*	*5,593.5*	*29.4*	*615.2*	*2,635.2*	*402.8*	*2,789.7*	*0.0*	*0.0*	*402.8*	*2,789.7*	*5,996.3*	*8,383.2*
..... *Solar Thermal without Energy Storage*	*992.0*	*125.0*	*0.0*	*1,117.0*	*125.0*	*125.0*	*641.0*	*0.0*	*250.0*	*0.0*	*0.0*	*0.0*	*250.0*	*1,117.0*	*1,367.0*
..... *Solar Thermal with Energy Storage*	*250.0*	*0.0*	*0.0*	*250.0*	*0.0*	*0.0*	*250.0*	*0.0*	*116.0*	*0.0*	*0.0*	*0.0*	*116.0*	*250.0*	*366.0*
..... Solar Subtotal	6,806.1	238.4	84.0	6,960.5	154.4	740.2	3,526.2	402.8	3,155.7	0.0	0.0	402.8	3,155.7	7,363.3	10,116.2
..... Conventional Hydroelectric	79,021.1	0.0	24.0	78,997.1	-24.0	-23.1	173.3	16.8	364.3	0.0	0.0	16.8	364.3	79,013.9	79,361.4
..... *Wood/Wood Waste Biomass*	*8,201.3*	*30.0*	*0.0*	*8,231.3*	*30.0*	*30.0*	*738.5*	*0.0*	*46.5*	*0.0*	*0.0*	*0.0*	*46.5*	*8,231.3*	*8,277.8*
..... *Landfill Gas*	*1,986.6*	*9.0*	*0.0*	*1,995.6*	*9.0*	*23.8*	*60.9*	*6.6*	*45.5*	*0.0*	*9.0*	*6.6*	*36.5*	*2,002.2*	*2,032.1*
..... *Municipal Solid Waste*	*2,230.7*	*0.0*	*0.0*	*2,230.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*2,230.7*	*2,230.7*
..... *Other Waste Biomass*	*843.2*	*20.6*	*0.0*	*863.8*	*20.6*	*24.6*	*142.0*	*3.0*	*5.6*	*0.0*	*0.0*	*3.0*	*5.6*	*866.8*	*869.4*
..... Biomass Sources Subtotal	13,261.8	59.6	0.0	13,321.4	59.6	78.4	941.4	9.6	97.6	0.0	9.0	9.6	88.6	13,331.0	13,410.0
..... Geothermal	2,698.5	0.0	0.0	2,698.5	0.0	9.9	127.3	0.0	0.0	0.0	0.0	0.0	0.0	2,698.5	2,698.5
... Renewable Sources Subtotal	***162,523.4***	***349.5***	***108.0***	***162,764.9***	***241.5***	***1,223.9***	***6,113.8***	***429.2***	***8,667.0***	***0.0***	***9.0***	***429.2***	***8,658.0***	***163,194.1***	***171,422.9***
..... *Natural Gas Fired Combined Cycle*	*224,770.4*	*0.0*	*0.0*	*224,770.4*	*0.0*	*-108.3*	*3,266.2*	*1,212.0*	*6,289.7*	*0.0*	*26.0*	*1,212.0*	*6,263.7*	*225,982.4*	*231,034.1*
..... *Natural Gas Fired Combustion Turbine*	*124,380.4*	*8.6*	*0.0*	*124,389.0*	*8.6*	*-17.9*	*3,169.2*	*59.9*	*440.6*	*0.0*	*143.0*	*59.9*	*297.6*	*124,448.9*	*124,686.6*
..... *Natural Gas with Compressed Air Storage*	*110.0*	*0.0*	*0.0*	*110.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*110.0*	*110.0*
..... *Other Natural Gas*	*77,569.3*	*1.8*	*0.0*	*77,571.1*	*1.8*	*13.1*	*-1,720.4*	*0.0*	*1,230.9*	*0.0*	*241.0*	*0.0*	*989.9*	*77,571.1*	*78,561.0*
..... Natural Gas Subtotal	426,830.1	10.4	0.0	426,840.5	10.4	-113.1	4,715.0	1,271.9	7,961.2	0.0	410.0	1,271.9	7,551.2	428,112.4	434,391.7
..... *Conventional Steam Coal*	*304,894.1*	*0.0*	*526.5*	*304,367.6*	*-526.5*	*-845.7*	*-5,035.3*	*0.0*	*82.1*	*245.0*	*2,732.2*	*-245.0*	*-2,650.1*	*304,122.6*	*301,717.5*
..... *Coal Integrated Gasification Combined Cycle*	*790.6*	*0.0*	*0.0*	*790.6*	*0.0*	*0.0*	*570.6*	*0.0*	*521.7*	*0.0*	*0.0*	*0.0*	*521.7*	*790.6*	*1,312.3*
..... Coal Subtotal	305,684.7	0.0	526.5	305,158.2	-526.5	-845.7	-4,464.7	0.0	603.8	245.0	2,732.2	-245.0	-2,128.4	304,913.2	303,029.8
..... Petroleum Coke	2,428.2	0.0	0.0	2,428.2	0.0	-281.1	-281.1	0.0	0.0	0.0	0.0	0.0	0.0	2,428.2	2,428.2
..... Petroleum Liquids	42,132.5	6.5	1.2	42,137.8	5.3	-801.0	-2,345.0	0.0	15.8	0.0	441.4	0.0	-425.6	42,137.8	41,712.2
..... Other Gases	1,941.6	0.0	0.0	1,941.6	0.0	0.0	0.0	0.0	0.0	0.0	43.2	0.0	-43.2	1,941.6	1,898.4
... Fossil Fuels Subtotal	***779,017.1***	***16.9***	***527.7***	***778,506.3***	***-510.8***	***-2,040.9***	***-2,375.8***	***1,271.9***	***8,580.8***	***245.0***	***3,626.8***	***1,026.9***	***4,954.0***	***779,533.2***	***783,460.3***
..... Hydroelectric Pumped Storage	22,368.3	0.0	0.0	22,368.3	0.0	0.0	0.0	0.0	292.0	0.0	0.0	0.0	292.0	22,368.3	22,660.3
..... Flywheels	43.0	0.0	0.0	43.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	43.0	43.0
..... Batteries	154.6	4.0	0.0	158.6	4.0	15.8	16.8	0.0	0.0	0.0	0.0	0.0	0.0	158.6	158.6
... Energy Storage Subtotal	***22,565.9***	***4.0***	***0.0***	***22,569.9***	***4.0***	***15.8***	***36.8***	***0.0***	***292.0***	***0.0***	***0.0***	***0.0***	***292.0***	***22,569.9***	***22,861.9***
... Nuclear	***98,977.0***	***0.0***	***0.0***	***98,977.0***	***0.0***	***-128.0***	***-2,195.0***	***0.0***	***0.0***	***0.0***	***604.3***	***0.0***	***-604.3***	***98,977.0***	***98,372.7***
... All Other	***1,564.1***	***0.0***	***0.0***	***1,564.1***	***0.0***	***0.0***	***0.0***	***0.0***	***35.0***	***0.0***	***0.0***	***0.0***	***35.0***	***1,564.1***	***1,599.1***
TOTAL	**1,064,647.5**	**370.4**	**635.7**	**1,064,382.2**	**-265.3**	**-929.2**	**1,579.8**	**1,701.1**	**17,574.8**	**245.0**	**4,240.1**	**1,456.1**	**13,334.7**	**1,065,838.3**	**1,077,716.9**

NOTES:

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

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

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

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

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

Table 6.2.A. Net Summer Capacity of Utility Scale Units by Technology and by State, March 2014 and 2013 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	4,321.0	4,182.7	24,414.3	24,726.3	1,753.4	1,753.4	3.0	3.0	4,630.3	4,630.3	48.0	48.0	35,170.0	35,343.7
Connecticut	337.2	294.7	6,419.7	6,720.7	29.4	29.4	0.0	0.0	2,102.5	2,102.5	26.0	26.0	8,914.8	9,173.3
Maine	1,696.6	1,704.5	2,764.9	2,764.9	0.0	0.0	0.0	0.0	0.0	0.0	22.0	22.0	4,483.5	4,491.4
Massachusetts	796.5	762.4	11,138.4	11,149.4	1,724.0	1,724.0	3.0	3.0	677.3	677.3	0.0	0.0	14,339.2	14,316.1
New Hampshire	923.0	862.5	2,238.7	2,238.7	0.0	0.0	0.0	0.0	1,246.2	1,246.2	0.0	0.0	4,407.9	4,347.4
Rhode Island	32.8	27.9	1,752.8	1,752.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,785.6	1,780.7
Vermont	534.9	530.7	99.8	99.8	0.0	0.0	0.0	0.0	604.3	604.3	0.0	0.0	1,239.0	1,234.8
Middle Atlantic	9,952.3	9,675.4	68,741.2	71,815.8	3,321.0	3,321.0	40.0	28.0	19,084.4	19,055.4	11.2	11.2	101,150.1	103,906.8
New Jersey	520.2	475.8	13,950.6	13,927.4	400.0	400.0	0.0	0.0	4,114.5	4,114.5	11.2	11.2	18,996.5	18,928.9
New York	6,560.7	6,441.2	25,840.4	26,392.2	1,400.0	1,400.0	20.0	28.0	5,263.3	5,263.3	0.0	0.0	39,084.4	39,524.7
Pennsylvania	2,871.4	2,758.4	28,950.2	31,496.2	1,521.0	1,521.0	20.0	0.0	9,706.6	9,677.6	0.0	0.0	43,069.2	45,453.2
East North Central	9,354.0	8,788.1	123,649.8	123,103.3	1,871.0	1,871.0	24.0	0.0	18,809.2	19,359.2	114.1	114.1	153,822.1	153,235.7
Illinois	3,722.7	3,715.1	29,884.2	29,852.3	0.0	0.0	0.0	0.0	11,541.0	11,541.0	5.0	5.0	45,152.9	45,113.4
Indiana	1,713.6	1,663.9	25,614.7	25,076.6	0.0	0.0	0.0	0.0	0.0	0.0	88.0	88.0	27,416.3	26,828.5
Michigan	1,998.3	1,574.3	23,059.6	22,953.5	1,871.0	1,871.0	0.0	0.0	3,936.2	3,936.2	0.0	0.0	30,865.1	30,335.0
Ohio	762.2	745.1	29,922.8	29,982.3	0.0	0.0	24.0	0.0	2,150.0	2,134.0	0.0	0.0	32,859.0	32,861.4
Wisconsin	1,157.2	1,089.7	15,168.5	15,238.6	0.0	0.0	0.0	0.0	1,182.0	1,748.0	21.1	21.1	17,528.8	18,097.4
West North Central	18,186.8	17,734.4	62,216.2	62,188.6	657.0	657.0	1.0	0.0	5,884.0	5,805.0	23.7	23.7	86,968.7	86,408.7
Iowa	5,219.8	5,167.4	10,157.1	10,251.9	0.0	0.0	0.0	0.0	601.4	601.4	0.0	0.0	15,978.3	16,020.7
Kansas	2,990.9	2,733.2	10,185.1	10,185.1	0.0	0.0	0.0	0.0	1,175.0	1,175.0	0.0	0.0	14,351.0	14,093.3
Minnesota	3,448.5	3,390.9	10,466.6	10,444.8	0.0	0.0	1.0	0.0	1,673.0	1,594.0	18.4	18.4	15,607.5	15,448.1
Missouri	1,040.9	1,038.1	19,105.3	19,133.1	657.0	657.0	0.0	0.0	1,190.0	1,190.0	0.0	0.0	21,993.2	22,018.2
Nebraska	821.2	741.6	6,286.9	6,286.9	0.0	0.0	0.0	0.0	1,244.6	1,244.6	0.0	0.0	8,352.7	8,273.1
North Dakota	2,277.0	2,274.7	4,368.1	4,208.1	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	6,650.4	6,488.1
South Dakota	2,388.5	2,388.5	1,647.1	1,678.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,035.6	4,067.2
South Atlantic	12,306.9	11,472.6	161,590.0	162,224.6	7,905.2	7,905.2	32.0	32.0	24,475.0	24,307.0	406.0	406.0	206,715.1	206,347.4
Delaware	38.3	34.3	3,184.0	3,339.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,222.3	3,373.5
District of Columbia	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
Florida	1,334.9	1,160.0	53,598.8	52,676.8	0.0	0.0	0.0	0.0	3,572.0	3,404.0	352.0	352.0	58,857.7	57,592.8
Georgia	2,850.8	2,699.9	29,474.7	29,863.7	1,862.2	1,862.2	0.0	0.0	4,061.0	4,061.0	0.0	0.0	38,248.7	38,486.8
Maryland	904.9	882.9	9,642.9	9,618.4	0.0	0.0	0.0	0.0	1,716.0	1,716.0	0.0	0.0	12,263.8	12,217.3
North Carolina	2,719.1	2,565.2	22,107.2	22,704.1	86.0	86.0	0.0	0.0	5,056.0	5,056.0	54.0	54.0	30,022.3	30,465.3
South Carolina	1,768.4	1,725.1	11,839.7	12,133.7	2,716.0	2,716.0	0.0	0.0	6,508.0	6,508.0	0.0	0.0	22,832.1	23,082.8
Virginia	1,818.3	1,533.0	16,321.6	16,497.6	3,241.0	3,241.0	0.0	0.0	3,562.0	3,562.0	0.0	0.0	24,942.9	24,833.6
West Virginia	872.2	872.2	15,411.1	15,381.1	0.0	0.0	32.0	32.0	0.0	0.0	0.0	0.0	16,315.3	16,285.3
East South Central	7,973.5	7,937.6	70,876.3	71,177.3	1,616.3	1,616.3	0.0	0.0	9,863.1	9,634.1	1.4	1.4	90,330.6	90,366.7
Alabama	3,978.9	3,948.9	23,333.1	23,555.1	0.0	0.0	0.0	0.0	5,043.4	5,043.4	0.0	0.0	32,355.4	32,547.4
Kentucky	900.7	896.7	20,121.1	20,121.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21,021.8	21,017.8
Mississippi	236.7	236.7	13,971.5	14,050.5	0.0	0.0	0.0	0.0	1,419.0	1,190.0	1.4	1.4	15,628.6	15,478.6
Tennessee	2,857.2	2,855.3	13,450.6	13,450.6	1,616.3	1,616.3	0.0	0.0	3,400.7	3,400.7	0.0	0.0	21,324.8	21,322.9
West South Central	19,868.5	19,690.2	145,499.3	145,146.8	288.0	288.0	36.0	37.0	8,922.0	8,922.0	435.9	435.9	175,049.7	174,519.9
Arkansas	1,666.5	1,666.5	11,858.8	12,398.8	28.0	28.0	0.0	0.0	1,828.0	1,828.0	0.0	0.0	15,381.3	15,921.3
Louisiana	571.5	571.5	22,647.8	22,634.8	0.0	0.0	0.0	0.0	2,134.0	2,134.0	207.6	207.6	25,560.9	25,547.9
Oklahoma	4,070.7	4,067.7	19,160.6	19,160.6	260.0	260.0	0.0	0.0	0.0	0.0	0.0	0.0	23,491.3	23,488.3
Texas	13,559.8	13,384.5	91,832.1	90,952.6	0.0	0.0	36.0	37.0	4,960.0	4,960.0	228.3	228.3	110,616.2	109,562.4
Mountain	19,922.4	19,205.8	65,006.3	65,238.4	778.8	778.8	2.6	1.8	3,937.0	3,937.0	111.4	111.4	89,758.5	89,273.2
Arizona	4,207.5	3,675.4	20,125.9	20,340.1	216.3	216.3	0.0	0.0	3,937.0	3,937.0	0.0	0.0	28,486.7	28,168.8
Colorado	3,111.8	3,057.3	11,242.4	11,333.9	562.5	562.5	0.0	0.0	0.0	0.0	9.3	9.3	14,926.0	14,963.0
Idaho	3,774.7	3,762.9	1,133.1	1,133.1	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	4,922.6	4,910.8
Montana	3,392.3	3,434.0	2,913.7	2,913.7	0.0	0.0	0.0	0.0	0.0	0.0	44.0	44.0	6,350.0	6,391.7
Nevada	1,996.0	1,906.1	8,559.7	8,559.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,555.7	10,465.8
New Mexico	1,075.8	1,028.6	7,455.9	7,344.0	0.0	0.0	2.6	1.8	0.0	0.0	0.0	0.0	8,534.3	8,374.4
Utah	649.9	627.1	6,966.3	6,959.7	0.0	0.0	0.0	0.0	0.0	0.0	31.8	31.8	7,648.0	7,618.6
Wyoming	1,714.4	1,714.4	6,609.3	6,654.2	0.0	0.0	0.0	0.0	0.0	0.0	11.5	11.5	8,335.2	8,380.1
Pacific Contiguous	59,845.9	56,950.0	52,599.1	51,287.9	4,177.6	4,177.6	0.0	0.0	3,372.0	5,522.0	385.8	385.8	120,380.4	118,323.3
California	23,504.0	20,695.1	43,854.2	42,541.0	3,863.6	3,863.6	0.0	0.0	2,240.0	4,390.0	375.8	375.8	73,837.6	71,865.5
Oregon	11,954.8	11,949.0	3,595.2	3,597.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,550.0	15,546.2
Washington	24,387.1	24,305.9	5,149.7	5,149.7	314.0	314.0	0.0	0.0	1,132.0	1,132.0	10.0	10.0	30,992.8	30,911.6
Pacific Noncontiguous	1,033.6	1,014.3	3,913.8	3,973.1	0.0	0.0	63.0	63.0	0.0	0.0	26.6	26.6	5,037.0	5,077.0
Alaska	480.2	477.9	1,848.9	1,807.9	0.0	0.0	27.0	27.0	0.0	0.0	0.0	0.0	2,356.1	2,312.8
Hawaii	553.4	536.4	2,064.9	2,165.2	0.0	0.0	36.0	36.0	0.0	0.0	26.6	26.6	2,680.9	2,764.2
U.S. Total	162,764.9	156,651.1	778,506.3	780,882.1	22,368.3	22,368.3	201.6	164.8	98,977.0	101,172.0	1,564.1	1,564.1	1,064,382.2	1,062,802.4

Values are preliminary.

NOTES:

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

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

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

Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources	
	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	789.0	785.0	94.1	49.2	0.0	0.0	1,950.2	1,965.8	1,487.7	1,382.7	0.0	0.0	4,321.0	4,182.7
Connecticut	0.0	0.0	5.0	0.0	0.0	0.0	122.2	122.2	210.0	172.5	0.0	0.0	337.2	294.7
Maine	427.6	427.6	0.0	0.0	0.0	0.0	734.4	742.3	534.6	534.6	0.0	0.0	1,696.6	1,704.5
Massachusetts	68.7	64.7	72.0	41.2	0.0	0.0	260.4	261.1	395.4	395.4	0.0	0.0	796.5	762.4
New Hampshire	171.0	171.0	0.0	0.0	0.0	0.0	506.9	513.9	245.1	177.6	0.0	0.0	923.0	862.5
Rhode Island	1.5	1.5	4.9	0.0	0.0	0.0	2.7	2.7	23.7	23.7	0.0	0.0	32.8	27.9
Vermont	120.2	120.2	12.2	8.0	0.0	0.0	323.6	323.6	78.9	78.9	0.0	0.0	534.9	530.7
Middle Atlantic	3,082.2	3,017.7	375.0	315.9	0.0	0.0	5,217.1	5,076.7	1,278.0	1,265.1	0.0	0.0	9,952.3	9,675.4
New Jersey	7.5	7.5	291.8	247.4	0.0	0.0	3.3	3.3	217.6	217.6	0.0	0.0	520.2	475.8
New York	1,730.8	1,636.4	46.2	31.5	0.0	0.0	4,320.7	4,311.9	463.0	461.4	0.0	0.0	6,560.7	6,441.2
Pennsylvania	1,343.9	1,373.8	37.0	37.0	0.0	0.0	893.1	761.5	597.4	586.1	0.0	0.0	2,871.4	2,758.4
East North Central	7,199.9	6,768.9	118.9	60.8	0.0	0.0	827.4	817.1	1,207.8	1,141.3	0.0	0.0	9,354.0	8,788.1
Illinois	3,525.1	3,520.1	31.6	29.0	0.0	0.0	34.1	34.1	131.9	131.9	0.0	0.0	3,722.7	3,715.1
Indiana	1,539.7	1,539.7	53.2	3.5	0.0	0.0	59.5	59.5	61.2	61.2	0.0	0.0	1,713.6	1,663.9
Michigan	1,295.9	874.8	0.0	0.0	0.0	0.0	237.0	237.0	465.4	462.5	0.0	0.0	1,998.3	1,574.3
Ohio	469.6	464.7	34.1	28.3	0.0	0.0	101.7	101.7	156.8	150.4	0.0	0.0	762.2	745.1
Wisconsin	369.6	369.6	0.0	0.0	0.0	0.0	395.1	384.8	392.5	335.3	0.0	0.0	1,157.2	1,089.7
West North Central	14,452.2	14,027.5	2.8	0.0	0.0	0.0	3,282.6	3,282.7	449.2	424.2	0.0	0.0	18,186.8	17,734.4
Iowa	5,052.6	5,005.0	0.0	0.0	0.0	0.0	147.8	147.8	19.4	14.6	0.0	0.0	5,219.8	5,167.4
Kansas	2,968.9	2,718.9	0.0	0.0	0.0	0.0	7.0	7.2	15.0	7.1	0.0	0.0	2,990.9	2,733.2
Minnesota	2,892.3	2,842.3	0.0	0.0	0.0	0.0	176.2	176.1	380.0	372.5	0.0	0.0	3,448.5	3,390.9
Missouri	458.5	458.5	2.8	0.0	0.0	0.0	570.3	570.3	9.3	9.3	0.0	0.0	1,040.9	1,038.1
Nebraska	530.2	455.4	0.0	0.0	0.0	0.0	275.3	275.3	15.7	10.9	0.0	0.0	821.2	741.6
North Dakota	1,759.2	1,756.9	0.0	0.0	0.0	0.0	508.0	508.0	9.8	9.8	0.0	0.0	2,277.0	2,274.7
South Dakota	790.5	790.5	0.0	0.0	0.0	0.0	1,598.0	1,598.0	0.0	0.0	0.0	0.0	2,388.5	2,388.5
South Atlantic	705.3	705.3	466.1	263.1	0.0	0.0	7,176.2	7,145.5	3,959.3	3,358.7	0.0	0.0	12,306.9	11,472.6
Delaware	2.0	2.0	28.3	24.3	0.0	0.0	0.0	0.0	8.0	8.0	0.0	0.0	38.3	34.3
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	1,214.0	1,039.1	0.0	0.0	1,334.9	1,160.0
Georgia	0.0	0.0	61.1	3.2	0.0	0.0	2,047.9	2,047.9	741.8	648.8	0.0	0.0	2,850.8	2,699.9
Maryland	120.0	120.0	51.6	29.6	0.0	0.0	590.0	590.0	143.3	143.3	0.0	0.0	904.9	882.9
North Carolina	0.0	0.0	256.2	139.6	0.0	0.0	1,991.7	1,964.2	471.2	461.4	0.0	0.0	2,719.1	2,565.2
South Carolina	0.0	0.0	2.5	0.0	0.0	0.0	1,339.2	1,336.0	426.7	389.1	0.0	0.0	1,768.4	1,725.1
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	866.2	866.2	952.1	666.8	0.0	0.0	1,818.3	1,533.0
West Virginia	583.3	583.3	0.0	0.0	0.0	0.0	286.7	286.7	2.2	2.2	0.0	0.0	872.2	872.2
East South Central	29.1	29.1	12.8	12.8	0.0	0.0	6,719.9	6,715.9	1,211.7	1,179.8	0.0	0.0	7,973.5	7,937.6
Alabama	0.0	0.0	0.0	0.0	0.0	0.0	3,272.2	3,272.2	706.7	676.7	0.0	0.0	3,978.9	3,948.9
Kentucky	0.0	0.0	0.0	0.0	0.0	0.0	831.6	827.6	69.1	69.1	0.0	0.0	900.7	896.7
Mississippi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236.7	236.7	0.0	0.0	236.7	236.7
Tennessee	29.1	29.1	12.8	12.8	0.0	0.0	2,616.1	2,616.1	199.2	197.3	0.0	0.0	2,857.2	2,855.3
West South Central	15,461.8	15,311.8	120.3	75.2	0.0	0.0	3,059.2	3,080.2	1,227.2	1,223.0	0.0	0.0	19,868.5	19,690.2
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	1,340.7	1,340.7	325.8	325.8	0.0	0.0	1,666.5	1,666.5
Louisiana	0.0	0.0	0.0	0.0	0.0	0.0	192.0	192.0	379.5	379.5	0.0	0.0	571.5	571.5
Oklahoma	3,132.9	3,132.9	0.0	0.0	0.0	0.0	861.2	858.2	76.6	76.6	0.0	0.0	4,070.7	4,067.7
Texas	12,328.9	12,178.9	120.3	75.2	0.0	0.0	665.3	689.3	445.3	441.1	0.0	0.0	13,559.8	13,384.5
Mountain	6,812.3	6,758.1	1,575.6	1,217.7	319.5	69.5	10,545.7	10,582.4	186.8	159.9	482.5	418.2	19,922.4	19,205.8
Arizona	237.3	237.3	960.3	678.2	251.0	1.0	2,720.4	2,720.4	38.5	38.5	0.0	0.0	4,207.5	3,675.4
Colorado	2,300.9	2,271.1	117.6	117.6	0.0	0.0	669.0	655.6	24.3	13.0	0.0	0.0	3,111.8	3,057.3
Idaho	962.7	962.7	0.0	0.0	0.0	0.0	2,703.4	2,703.4	98.6	86.8	10.0	10.0	3,774.7	3,762.9
Montana	632.4	627.8	0.0	0.0	0.0	0.0	2,756.1	2,806.2	3.8	0.0	0.0	0.0	3,392.3	3,434.0
Nevada	150.0	150.0	308.8	258.8	68.5	68.5	1,051.4	1,051.4	3.2	3.2	414.1	374.2	1,996.0	1,906.1
New Mexico	797.3	777.5	187.6	161.8	0.0	0.0	82.9	82.9	6.4	6.4	1.6	0.0	1,075.8	1,028.6
Utah	324.4	324.4	1.3	1.3	0.0	0.0	255.4	255.4	12.0	12.0	56.8	34.0	649.9	627.1
Wyoming	1,407.3	1,407.3	0.0	0.0	0.0	0.0	307.1	307.1	0.0	0.0	0.0	0.0	1,714.4	1,714.4
Pacific Contiguous	11,992.4	11,776.1	2,807.7	950.4	1,047.5	406.5	39,778.2	39,716.9	2,047.1	1,990.1	2,173.0	2,110.0	59,845.9	56,950.0
California	6,034.3	5,818.0	2,796.5	939.2	1,047.5	406.5	10,150.3	10,145.7	1,320.1	1,293.4	2,155.3	2,092.3	23,504.0	20,695.1
Oregon	3,151.9	3,151.9	10.7	10.7	0.0	0.0	8,454.7	8,454.7	319.8	314.0	17.7	17.7	11,954.8	11,949.0
Washington	2,806.2	2,806.2	0.5	0.5	0.0	0.0	21,173.2	21,116.5	407.2	382.7	0.0	0.0	24,387.1	24,305.9
Pacific Noncontiguous	263.2	262.3	20.2	13.2	0.0	0.0	440.6	440.6	266.6	255.2	43.0	43.0	1,033.6	1,014.3
Alaska	57.6	56.7	0.0	0.0	0.0	0.0	415.6	415.6	7.0	5.6	0.0	0.0	480.2	477.9
Hawaii	205.6	205.6	20.2	13.2	0.0	0.0	25.0	25.0	259.6	249.6	43.0	43.0	553.4	536.4
U.S. Total	60,787.4	59,441.8	5,593.5	2,958.3	1,367.0	476.0	78,997.1	78,823.8	13,321.4	12,380.0	2,698.5	2,571.2	162,764.9	156,651.1

Values are preliminary.

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

Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State, March 2014 and 2013 (Megawatts)

Census Division and State	Natural Gas Fired Combined Cycle		Natural Gas Fired Combustion Turbine		Other Natural Gas		Coal		Petroleum Coke		Petroleum Liquids		Other Gases		Total Fossil Fuels	
	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013	March 2014	March 2013
New England	12,188.8	12,194.9	1,098.2	1,223.5	874.7	857.8	2,546.1	2,547.1	0.0	0.0	7,706.5	7,903.0	0.0	0.0	24,414.3	24,726.3
Connecticut	2,511.7	2,511.7	466.3	591.6	76.1	61.0	389.1	383.4	0.0	0.0	2,976.5	3,173.0	0.0	0.0	6,419.7	6,720.7
Maine	1,250.0	1,250.0	306.0	306.0	119.0	119.0	85.0	85.0	0.0	0.0	1,004.9	1,004.9	0.0	0.0	2,764.9	2,764.9
Massachusetts	5,498.9	5,505.0	322.1	322.1	669.2	667.4	1,538.1	1,544.8	0.0	0.0	3,110.1	3,110.1	0.0	0.0	11,138.4	11,149.4
New Hampshire	1,203.0	1,203.0	3.8	3.8	0.0	0.0	533.9	533.9	0.0	0.0	498.0	498.0	0.0	0.0	2,238.7	2,238.7
Rhode Island	1,725.2	1,725.2	0.0	0.0	10.4	10.4	0.0	0.0	0.0	0.0	17.2	17.2	0.0	0.0	1,752.8	1,752.8
Vermont	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.8	99.8	0.0	0.0	99.8	99.8
Middle Atlantic	22,479.6	22,478.6	8,788.3	8,703.0	9,632.3	8,766.3	18,978.9	21,966.2	11.6	11.6	8,750.1	9,789.7	100.4	100.4	68,741.2	71,815.8
New Jersey	5,871.3	5,870.3	4,115.0	4,093.7	642.9	642.9	2,006.6	2,006.6	11.6	11.6	1,303.2	1,302.3	0.0	0.0	13,950.6	13,927.4
New York	8,338.6	8,338.6	3,011.4	3,011.4	7,194.6	7,194.6	2,260.4	2,703.7	0.0	0.0	5,035.4	5,143.9	0.0	0.0	25,840.4	26,392.2
Pennsylvania	8,269.7	8,269.7	1,661.9	1,597.9	1,794.8	928.8	14,711.9	17,255.9	0.0	0.0	2,411.5	3,343.5	100.4	100.4	28,950.2	31,496.2
East North Central	16,838.4	16,834.9	25,731.8	25,669.0	3,433.7	3,419.7	72,977.8	72,511.6	570.1	570.1	3,191.9	3,191.9	906.1	906.1	123,649.8	123,103.3
Illinois	2,976.6	2,976.6	10,314.6	10,314.6	241.6	238.7	15,570.6	15,541.6	0.0	0.0	663.1	663.1	117.7	117.7	29,884.2	29,852.3
Indiana	2,451.9	2,451.9	3,172.6	3,189.6	6.5	4.0	18,682.0	18,129.4	274.0	274.0	456.4	456.4	571.3	571.3	25,614.7	25,076.6
Michigan	4,777.0	4,777.0	3,412.1	3,319.3	2,992.6	2,979.3	11,261.8	11,261.8	47.2	47.2	568.9	568.9	0.0	0.0	23,059.6	22,953.5
Ohio	3,963.8	3,960.3	5,443.1	5,443.1	57.4	57.4	19,204.5	19,267.5	142.0	142.0	894.9	894.9	217.1	217.1	29,922.8	29,982.3
Wisconsin	2,669.1	2,669.1	3,389.4	3,402.4	135.6	140.3	8,258.9	8,311.3	106.9	106.9	608.6	608.6	0.0	0.0	15,168.5	15,238.6
West North Central	5,714.1	5,724.1	11,361.8	11,201.8	3,257.3	3,257.3	37,735.3	37,858.3	32.0	32.0	4,107.3	4,106.7	8.4	8.4	62,216.2	62,188.6
Iowa	1,161.5	1,161.5	1,113.9	1,113.9	261.4	261.4	6,590.0	6,683.4	32.0	32.0	998.3	999.7	0.0	0.0	10,157.1	10,251.9
Kansas	0.0	0.0	2,377.8	2,377.8	2,043.0	2,043.0	5,223.0	5,223.0	0.0	0.0	541.3	541.3	0.0	0.0	10,185.1	10,185.1
Minnesota	2,107.2	2,107.2	2,558.4	2,558.4	278.7	278.7	4,717.3	4,696.5	0.0	0.0	805.0	804.0	0.0	0.0	10,466.6	10,444.8
Missouri	1,834.8	1,834.8	3,397.5	3,397.5	267.4	267.4	12,443.2	12,472.0	0.0	0.0	1,162.4	1,161.4	0.0	0.0	19,105.3	19,133.1
Nebraska	320.6	320.6	1,111.6	1,111.6	394.2	394.2	4,145.7	4,145.7	0.0	0.0	314.8	314.8	0.0	0.0	6,286.9	6,286.9
North Dakota	0.0	0.0	160.0	0.0	0.0	0.0	4,141.1	4,141.1	0.0	0.0	58.6	58.6	8.4	8.4	4,368.1	4,208.1
South Dakota	290.0	300.0	642.6	642.6	12.6	12.6	475.0	496.6	0.0	0.0	226.9	226.9	0.0	0.0	1,647.1	1,678.7
South Atlantic	45,422.2	43,589.2	31,512.5	31,464.5	4,450.7	3,571.9	64,761.3	67,123.3	633.8	633.8	14,674.5	15,706.9	135.0	135.0	161,590.0	162,224.6
Delaware	1,130.0	1,130.0	355.0	355.0	885.6	854.8	573.0	759.0	0.0	0.0	105.4	105.4	135.0	135.0	3,184.0	3,339.2
District of Columbia	0.0	0.0	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	10.0
Florida	25,157.6	23,942.6	7,958.9	7,958.9	2,598.5	1,755.5	10,141.0	10,266.0	550.0	550.0	7,192.8	8,203.8	0.0	0.0	53,598.8	52,676.8
Georgia	7,956.0	7,960.0	7,808.9	7,836.9	115.0	115.0	12,412.1	12,737.1	83.8	83.8	1,098.9	1,130.9	0.0	0.0	29,474.7	29,863.7
Maryland	230.0	230.0	1,507.8	1,488.3	340.5	335.5	4,757.0	4,757.0	0.0	0.0	2,807.6	2,807.6	0.0	0.0	9,642.9	9,618.4
North Carolina	4,697.6	4,075.6	6,068.2	6,011.7	74.0	74.0	10,841.8	12,126.8	0.0	0.0	425.6	416.0	0.0	0.0	22,107.2	22,704.1
South Carolina	2,281.7	2,281.7	2,852.2	2,852.2	110.8	110.8	5,930.5	6,225.5	0.0	0.0	664.5	663.5	0.0	0.0	11,839.7	12,133.7
Virginia	3,969.3	3,969.3	3,877.6	3,877.6	320.7	320.7	5,785.3	5,961.3	0.0	0.0	2,368.7	2,368.7	0.0	0.0	16,321.6	16,497.6
West Virginia	0.0	0.0	1,073.9	1,073.9	5.6	5.6	14,320.6	14,290.6	0.0	0.0	11.0	11.0	0.0	0.0	15,411.1	15,381.1
East South Central	17,725.9	17,804.9	12,865.8	12,865.8	2,865.5	2,865.5	37,122.2	37,344.2	0.0	0.0	197.1	197.1	99.8	99.8	70,876.3	71,177.3
Alabama	9,325.7	9,325.7	2,550.6	2,550.6	169.1	169.1	11,145.3	11,367.3	0.0	0.0	42.6	42.6	99.8	99.8	23,333.1	23,555.1
Kentucky	0.0	0.0	4,828.9	4,828.9	0.0	0.0	15,222.3	15,222.3	0.0	0.0	69.9	69.9	0.0	0.0	20,121.1	20,121.1
Mississippi	6,997.2	7,076.2	1,716.9	1,716.9	2,696.4	2,696.4	2,526.0	2,526.0	0.0	0.0	35.0	35.0	0.0	0.0	13,971.5	14,050.5
Tennessee	1,403.0	1,403.0	3,769.4	3,769.4	0.0	0.0	8,228.6	8,228.6	0.0	0.0	49.6	49.6	0.0	0.0	13,450.6	13,450.6
West South Central	56,455.9	56,430.9	12,135.5	11,725.5	37,269.1	38,020.0	37,934.3	36,984.8	1,128.7	1,409.8	195.9	195.9	379.9	379.9	145,499.3	145,146.8
Arkansas	4,660.5	4,660.5	757.1	753.1	1,280.0	1,824.0	5,144.0	5,144.0	0.0	0.0	17.2	17.2	0.0	0.0	11,858.8	12,398.8
Louisiana	7,324.2	7,324.2	2,406.2	2,406.2	8,434.2	8,434.2	3,427.0	3,414.0	975.0	975.0	46.9	46.9	34.3	34.3	22,647.8	22,634.8
Oklahoma	7,512.5	7,512.5	1,191.9	1,191.9	5,092.5	5,092.5	5,294.4	5,294.4	0.0	0.0	69.3	69.3	0.0	0.0	19,160.6	19,160.6
Texas	36,958.7	36,933.7	7,780.3	7,374.3	22,462.4	22,669.3	24,068.9	23,132.4	153.7	434.8	62.5	62.5	345.6	345.6	91,832.1	90,952.6
Mountain	21,672.5	21,672.5	8,873.1	8,777.6	3,331.6	3,550.8	30,634.0	30,765.4	52.0	52.0	348.2	325.2	94.9	94.9	65,006.3	65,238.4
Arizona	10,418.2	10,418.2	2,353.6	2,353.6	1,106.6	1,320.8	6,157.0	6,157.0	0.0	0.0	90.5	90.5	0.0	0.0	20,125.9	20,340.1
Colorado	2,733.2	2,733.2	2,545.5	2,545.5	381.0	386.0	5,404.8	5,491.3	0.0	0.0	177.9	177.9	0.0	0.0	11,242.4	11,333.9
Idaho	567.5	567.5	543.0	543.0	0.0	0.0	17.2	17.2	0.0	0.0	5.4	5.4	0.0	0.0	1,133.1	1,133.1
Montana	0.0	0.0	362.1	362.1	54.0	54.0	2,442.1	2,442.1	52.0	52.0	2.0	2.0	1.5	1.5	2,913.7	2,913.7
Nevada	5,287.2	5,287.2	1,380.6	1,380.6	587.1	587.1	1,293.4	1,293.4	0.0	0.0	11.4	11.4	0.0	0.0	8,559.7	8,559.7
New Mexico	1,465.4	1,465.4	1,036.1	947.2	896.0	896.0	4,031.0	4,031.0	0.0	0.0	27.4	4.4	0.0	0.0	7,455.9	7,344.0
Utah	1,201.0	1,201.0	535.6	529.0	300.9	300.9	4,901.0	4,901.0	0.0	0.0	27.8	27.8	0.0	0.0	6,966.3	6,959.7
Wyoming	0.0	0.0	116.6	116.6	6.0	6.0	6,387.5	6,432.4	0.0	0.0	5.8	5.8	93.4	93.4	6,609.3	6,654.2
Pacific Contiguous	25,696.0	24,275.1	11,549.9	9,079.1	12,551.2	15,078.0	2,177.8	2,231.5	0.0	0.0	413.1	413.1	211.1	211.1	52,599.1	51,287.9
California	19,753.9	18,331.0	10,714.9	8,244.1	12,523.6	15,050.4	252.8	306.5	0.0	0.0	397.9	397.9	211.1	211.1	43,854.2	42,541.0
Oregon	2,876.4	2,878.4	133.8	133.8	0.0	0.0	585.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	3,595.2	3,597.2
Washington	3,065.7	3,065.7	701.2	701.2	27.6	27.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	5,149.7	5,149.7
Pacific Noncontiguous	577.0	499.1	472.1	510.0	15.0	14.2	290.5	290.5	0.0	0.0	2,553.2	2,653.3	6.0	6.0	3,913.8	3,973.1
Alaska	577.0	499.1	472.1	510.0	15.0	14.2	110.5	110.5	0.0	0.0	674.3	674.1	0.0	0.0	1,848.9	1,807.9
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,878.9	1,979.2	6.0	6.0	2,064.9	2,165.2
U.S. Total	224,770.4	221,504.2	124,389.0	121,219.8	77,681.1	79,401.5	305,158.2	309,622.9	2,428.2	2,709.3	42,137.8	44,482.8	1,941.6	1,941.6	778,506.3	780,882.1

Values are preliminary.

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

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2014

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2014	1	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	02	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	1	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN6	1.6	Landfill Gas	LFG	IC
2014	1	58546	Cascade Solar LLC	IPP	Cascade Solar	CA	58590	1	18.5	Solar Photovoltaic	SUN	PV
2014	1	10056	City of Kaukauna	Electric Utility	New Badger	WI	4120	3	4.0	Conventional Hydroelectric	WAT	HY
2014	1	10056	City of Kaukauna	Electric Utility	New Badger	WI	4120	4	4.0	Conventional Hydroelectric	WAT	HY
2014	1	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL13	39.1	Solar Photovoltaic	SUN	PV
2014	1	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ3	151.9	Solar Photovoltaic	SUN	PV
2014	1	58596	Hanwha Q CELLS USA	IPP	Kalaeloa Renewable Energy Park	HI	58651	KREP	5.0	Solar Photovoltaic	SUN	PV
2014	1	11018	Lincoln Electric System	Electric Utility	Terry Bundy Generating Station	NE	7887	LFG1	1.6	Landfill Gas	LFG	IC
2014	1	11018	Lincoln Electric System	Electric Utility	Terry Bundy Generating Station	NE	7887	LFG2	1.6	Landfill Gas	LFG	IC
2014	1	11018	Lincoln Electric System	Electric Utility	Terry Bundy Generating Station	NE	7887	LFG3	1.6	Landfill Gas	LFG	IC
2014	1	58515	NextEra Energy Mountain View Solar	IPP	Mountain View Solar	NV	58544	1	20.0	Solar Photovoltaic	SUN	PV
2014	1	58482	RE Columbia 3 LLC	IPP	Columbia 3	CA	58502	COL3	10.0	Solar Photovoltaic	SUN	PV
2014	1	58478	RE Rosamond One LLC	IPP	Rosamond One	CA	58498	RONE	20.0	Solar Photovoltaic	SUN	PV
2014	1	58479	RE Rosamond Two LLC	IPP	Rosamond Two	CA	58499	RTWO	20.0	Solar Photovoltaic	SUN	PV
2014	1	58593	Sequoia PV 1 LLC	IPP	Tulare 1 and 2	CA	58642	1	1.5	Solar Photovoltaic	SUN	PV
2014	1	58593	Sequoia PV 1 LLC	IPP	Tulare 1 and 2	CA	58642	2	1.5	Solar Photovoltaic	SUN	PV
2014	1	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind X	CA	58394	AW10	138.0	Onshore Wind Turbine	WND	WT
2014	1	2770	Terra-Gen Operating Co LLC	IPP	Alta Wind XI	CA	58395	AW11	90.0	Onshore Wind Turbine	WND	WT
2014	1	5109	The DTE Electric Company	Electric Utility	Echo Wind Park	MI	58121	GEN1	60.8	Onshore Wind Turbine	WND	WT
2014	1	58268	Tulare PV I LLC	IPP	Ivanhoe Solar	CA	58307	1	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Ivanhoe Solar	CA	58307	2	0.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Ivanhoe Solar	CA	58307	3	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Lindsay Solar	CA	58308	1	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Lindsay Solar	CA	58308	3	1.5	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Lindsay Solar	CA	58308	4	1.0	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Porterville Solar	CA	58309	1	1.0	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Porterville Solar	CA	58309	2	1.0	Solar Photovoltaic	SUN	PV
2014	1	58268	Tulare PV I LLC	IPP	Porterville Solar	CA	58309	5	1.5	Solar Photovoltaic	SUN	PV
2014	1	58604	US Air Force	Commercial	Cape Cod Air Force Station - 6 SWS	MA	58661	GE-3	1.7	Onshore Wind Turbine	WND	WT
2014	1	58604	US Air Force	Commercial	Cape Cod Air Force Station - 6 SWS	MA	58661	GE-4	1.7	Onshore Wind Turbine	WND	WT
2014	1	57081	Washington Gas Energy Systems, Inc.	IPP	Maynard PV	MA	58412	SO026	1.0	Solar Photovoltaic	SUN	PV
2014	2	58433	Ameresco Forward, LLC	IPP	Ameresco Forward	CA	58437	ENG1	2.1	Landfill Gas	LFG	IC
2014	2	58433	Ameresco Forward, LLC	IPP	Ameresco Forward	CA	58437	ENG2	2.1	Landfill Gas	LFG	IC
2014	2	58431	Ameresco Vasco Road, LLC	IPP	Ameresco Vasco Road	CA	58435	ENG1	2.1	Landfill Gas	LFG	IC
2014	2	58431	Ameresco Vasco Road, LLC	IPP	Ameresco Vasco Road	CA	58435	ENG2	2.1	Landfill Gas	LFG	IC
2014	2	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generating Station	ND	57881	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	2	57421	BayWa r.e Wind LLC	IPP	Broadview Energy Prime 2 LLC	NM	58465	0002	9.9	Onshore Wind Turbine	WND	WT
2014	2	57421	BayWa r.e Wind LLC	IPP	Broadview Energy Prime LLC	NM	58464	0001	9.9	Onshore Wind Turbine	WND	WT
2014	2	58135	Ecos Energy LLC	IPP	Bear Creek Solar	CA	58508	PV3	1.5	Solar Photovoltaic	SUN	PV
2014	2	56615	First Solar Energy LLC	IPP	Agua Caliente Solar Project	AZ	57373	AGU3	110.0	Solar Photovoltaic	SUN	PV
2014	2	58656	Pheasant Run Wind II, LLC	IPP	Pheasant Run Wind II	MI	58719	WPH2	74.8	Onshore Wind Turbine	WND	WT
2014	2	58268	Tulare PV I LLC	IPP	Exeter Solar	CA	58306	1	1.0	Solar Photovoltaic	SUN	PV
2014	2	58268	Tulare PV I LLC	IPP	Exeter Solar	CA	58306	2	1.0	Solar Photovoltaic	SUN	PV
2014	2	58268	Tulare PV I LLC	IPP	Exeter Solar	CA	58306	3	1.5	Solar Photovoltaic	SUN	PV
2014	2	58568	Westlands Solar Farms, LLC	IPP	Westlands Solar PV Farm	CA	58616	WSF1	18.0	Solar Photovoltaic	SUN	PV
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	1	0.5	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	2	0.5	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	3	0.5	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	4	0.5	Petroleum Liquids	JF	IC
2014	3	58462	Battery Utility of Ohio LLC	IPP	Battery Utility of Ohio	OH	58475	BOU	4.0	Batteries	MWH	BA
2014	3	58839	Central Valley Ag Power LLC	IPP	Central Valley Ag Power	CA	58978	CVAP	1.5	Other Waste Biomass	OBG	IC
2014	3	56723	Genesis Solar LLC	IPP	Genesis Solar Energy Project	CA	57394	GEN01	125.0	Solar Thermal without Energy Storage	SUN	ST
2014	3	58596	Hanwha Q CELLS USA	IPP	Maywood Photovoltaic Project	IN	58770	1	8.0	Solar Photovoltaic	SUN	PV
2014	3	58696	Ignite Solar Holdings LLC		Shasta Solar Farm	CA	58814	GENA	1.5	Solar Photovoltaic	SUN	PV
2014	3	58696	Ignite Solar Holdings LLC		Shasta Solar Farm	CA	58814	GENB	1.5	Solar Photovoltaic	SUN	PV
2014	3	56167	Imperial Valley Solar, LLC	IPP	Imperial Valley Solar, LLC	CA	56917	1B	34.3	Solar Photovoltaic	SUN	PV
2014	3	58710	Lakeswind Power Partners		Lakeswind Power Partners	MN	58836	LW1	50.0	Onshore Wind Turbine	WND	WT
2014	3	58822	MC Power Companies Inc	IPP	Butler Solar Power Project	MO	58959	BSF1	2.8	Solar Photovoltaic	SUN	PV
2014	3	12286	Melrose Public Utilities		Melrose 2	MN	58929	1	1.0	Petroleum Liquids	DFO	IC
2014	3	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	AVS1	38.0	Solar Photovoltaic	SUN	PV
2014	3	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	AVS2	19.0	Solar Photovoltaic	SUN	PV
2014	3	58489	OCI Solar Power	IPP	OCI Alamo 2, LLC	TX	58716	1	4.4	Solar Photovoltaic	SUN	PV
2014	3	50102	Rock-Tenn Company	Industrial	Rock-Tenn Mill	AL	54763	4TG	30.0	Wood/Wood Waste Biomass	BLQ	ST
2014	3	54842	WM Renewable Energy LLC	IPP	Metro Methane Recovery Facility	IA	54700	GEN10	1.6	Landfill Gas	LFG	IC
2014	3	54842	WM Renewable Energy LLC	IPP	Metro Methane Recovery Facility	IA	54700	GEN11	1.6	Landfill Gas	LFG	IC
2014	3	54842	WM Renewable Energy LLC	IPP	Metro Methane Recovery Facility	IA	54700	GEN12	1.6	Landfill Gas	LFG	IC

NOTES:

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

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

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

Table 6.4. Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2014

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2014	1	19547	Hawaiian Electric Co Inc	Electric Utility	Honolulu	HI	764	H8	48.6	Petroleum Liquids	RFO	ST
2014	1	19547	Hawaiian Electric Co Inc	Electric Utility	Honolulu	HI	764	H9	51.7	Petroleum Liquids	RFO	ST
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	UNIT1	0.5	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	UNIT2	0.4	Petroleum Liquids	JF	IC
2014	3	221	Alaska Village Elec Coop, Inc	Electric Utility	Stebbins	AK	57055	UNIT3	0.3	Petroleum Liquids	JF	IC
2014	3	19545	Black Hills Power Inc	Electric Utility	Ben French	SD	3325	ST1	21.6	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Neil Simpson	WY	4150	5	14.6	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Osage	WY	4151	1	10.1	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Osage	WY	4151	2	10.1	Conventional Steam Coal	SUB	ST
2014	3	19545	Black Hills Power Inc	Electric Utility	Osage	WY	4151	3	10.1	Conventional Steam Coal	SUB	ST
2014	3	2176	Brazos River Authority	Electric Utility	Morris Sheppard	TX	3557	1	12.0	Conventional Hydroelectric	WAT	HY
2014	3	2176	Brazos River Authority	Electric Utility	Morris Sheppard	TX	3557	2	12.0	Conventional Hydroelectric	WAT	HY
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	1	93.0	Conventional Steam Coal	BIT	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	2	93.0	Conventional Steam Coal	BIT	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	3	103.0	Conventional Steam Coal	BIT	ST
2014	3	14165	NRG Power Midwest LP	IPP	Elrama Power Plant	PA	3098	4	171.0	Conventional Steam Coal	BIT	ST

NOTES:

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

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

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

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	4	58432	Ameresco San Joaquin, LLC	IPP	Ameresco San Joaquin	CA	58436	ENG1	2.1	Landfill Gas	LFG	IC	(TS) Construction complete, but not yet in commercial operation
2014	4	58432	Ameresco San Joaquin, LLC	IPP	Ameresco San Joaquin	CA	58436	ENG2	2.1	Landfill Gas	LFG	IC	(TS) Construction complete, but not yet in commercial operation
2014	4	58521	BIOFerm USA Inc	IPP	Oshkosh Foundation Rosedale Biodigester LLC	WI	58555	95100	1.4	Other Waste Biomass	OBG	IC	(V) Under construction, more than 50 percent complete
2014	4	58427	Centinela Solar Energy LLC	IPP	Centinela Solar Energy	CA	58430	CSE5	18.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58748	Clean Energy LLC		Reventure Park	NC	58865	RNG	1.6	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	4	58789	DOD USMC Marine Air Ground Combat		MCAGCC Cogen Plant 2	CA	58916	CG100	4.6	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation
2014	4	58789	DOD USMC Marine Air Ground Combat		MCAGCC Cogen Plant 2	CA	58916	CG200	2.5	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation
2014	4	58135	Ecos Energy LLC	IPP	Kettleman Solar Project	CA	58510	PV5	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	4	58135	Ecos Energy LLC	IPP	Vintner Solar	CA	58509	PV4	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	4	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	1	1.2	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	4	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	2	1.2	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	4	6169	Fall River Rural Elec Coop Inc	Electric Utility	Chester Diversion Hydroelectric Project	ID	56893	3	1.2	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	4	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL14	26.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL15	13.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL18	29.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL5	25.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL6	25.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	4	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ4	71.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5A	1,212.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	4	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5B		Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	4	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5C		Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	4	6452	Florida Power & Light Co	Electric Utility	Riviera	FL	619	5ST		Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	4	58803	Gardner Solar 1, LLC		Gardner Solar 1	MA	58937	GRDN1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	19558	Homer Electric Assn Inc	Electric Utility	Soldotna	AK	57206	1	44.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	4	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN1	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	4	10810	LAX Airport	Commercial	Central Utilities Plant LAX 2	CA	58258	GEN2	4.4	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	4	58598	Mass Solar, LLC	IPP	Dartmouth	MA	58682	PV1	6.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS16	62.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	4	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS25	52.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	4	58256	Millbury Solar LLC	IPP	Millbury Solar	MA	58280	1	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58325	New Bern Farm LLC	IPP	New Bern Farm	NC	58339	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58654	Orion Solar I LLC	IPP	Orion Solar I	CA	58718	PV1	12.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58655	Orion Solar II, LLC	IPP	Orion Solar II	CA	58721	ORION	8.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	34691	Ormat Nevada Inc	IPP	Heber Solar	CA	58398	1	10.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	4	58791	Pristine Sun LLC		2081 Terzian Solar Project	CA	58918	2081	1.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58791	Pristine Sun LLC		2097 Helton Solar Project	CA	58920	2097	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58791	Pristine Sun LLC		2127 Harris Solar Project	CA	58919	2127	1.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58808	Rockville Solar I LLC		Rockville Solar I LLC	IN	58942	RVSI	2.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	4	58326	Roxboro Farm LLC	IPP	Roxboro Farm	NC	58340	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58579	Silverado Power	IPP	Expressway Solar A	CA	58761	EXSA	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	4	58579	Silverado Power	IPP	Expressway Solar B	CA	58762	EXSB	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	4	58518	Sol Orchard Community, LLC	IPP	Community Solar 1	CA	58545	1	5.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	4	58418	State Fair Community College	IPP	Missouri Center for Waste to Energy	MO	58421	320	1.0	Landfill Gas	LFG	IC	(TS) Construction complete, but not yet in commercial operation
2014	4	58418	State Fair Community College	IPP	Missouri Center for Waste to Energy	MO	58421	420	1.4	Landfill Gas	LFG	IC	(TS) Construction complete, but not yet in commercial operation
2014	4	58771	Tri-County Water Conservancy District		Tri-County Water Hydropower Project	CO	58901	TCWG1	7.2	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	4	58771	Tri-County Water Conservancy District		Tri-County Water Hydropower Project	CO	58901	TCWG2		Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	4	58802	Walpole Solar 2, LLC		Walpole Solar 2	MA	58936	WLPL1	2.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	4	58714	Washington Airport Solar, LLC		Washington Airport Solar LLC	NC	58845	NA	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	56979	Adobe Solar LLC	IPP	FRV Cygnus Solar Project	CA	57651	FRV3	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	222	Akron City of	Commercial	Akron WRF	OH	58980	2G-1	0.6	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	5	222	Akron City of	Commercial	Akron WRF	OH	58980	2G-2	0.6	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	5	222	Akron City of	Commercial	Akron WRF	OH	58980	2G-3	0.6	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation
2014	5	221	Alaska Village Elec Coop, Inc	Electric Utility	Togiak	AK	6348	5A	0.8	Petroleum Liquids	DFO	IC	(OP) Operating
2014	5	58567	Blue Renewable Energy IMS, LLC	IPP	Indianapolis Motor Speedway Solar PV	IN	58615	IMS	9.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	5	58748	Clean Energy LLC		Reventure Park	NC	58865	LFG	1.9	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete
2014	5	57365	Consolidated Edison Solutions Inc	IPP	Port Richmond WWT Solar	NY	58647	1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0001	1.0	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2014	5	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0002	1.0	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2014	5	58443	EBD Hydro LLC	IPP	45 Mile Hydroelectric Project	OR	58455	0003	1.0	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2014	5	5906	EDF Renewable Services Inc	IPP	Spinning Spur Wind II	TX	58774	GEN1	161.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	5	58827	Fairfield Wind Master Tenant LLC	IPP	Fairfield Wind	MT	58966	T 1-6	10.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	5	56615	First Solar Energy LLC	IPP	AV Solar Ranch One	CA	57378	AVSR	230.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	56615	First Solar Energy LLC	IPP	Barilla Solar	TX	58710	BRLA	30.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	5	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL7	20.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	5	8153	Hartford Steam Co	Commercial	Hartford Hospital Cogeneration	CT	52061	GEN4	1.4	Other Natural Gas	NG	FC	(V) Under construction, more than 50 percent complete
2014	5	49893	Invenergy Services LLC	IPP	Prairie Breeze	NE	58322	1	206.5	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	5	58322	Mile Farm LLC	IPP	Mile Farm	NC	58336	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	CT21	178.0	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	CT22	178.0	Natural Gas Fired Combined Cycle	NG	CT	(TS) Construction complete, but not yet in commercial operation
2014	5	14354	PacifiCorp	Electric Utility	Lake Side Power Plant	UT	56237	ST2	273.0	Natural Gas Fired Combined Cycle	NG	CA	(TS) Construction complete, but not yet in commercial operation
2014	5	58579	Silverado Power	IPP	Lancaster Dry Farm Ranch B	CA	58750	LDFRB	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	5	57313	SolarCity Corporation	IPP	Las Virgenes Municipal Water District	CA	58963	PV	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	57313	SolarCity Corporation	IPP	Oregon University System OIT Klamath Falls	OR	58961	PV	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #11	CA	57225	S011G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #13	CA	57227	S013G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #16	CA	57230	S016C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #17	CA	57231	S017G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026H	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026I	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026J	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026K	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #26	CA	57245	S026L	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #27	CA	57246	S027D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #28	CA	57247	S028G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #32	CA	57534	S32C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #33	CA	57535	S33B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44H	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44I	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44J	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44K	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44L	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44M	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44N	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44O	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #44	CA	57540	S44P	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48A	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48B	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48C	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48D	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48E	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48F	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48G	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48H	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48I	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	17609	Southern California Edison Co	Electric Utility	Solar Photovoltaic Project #48	CA	57900	S48J	0.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	01	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	02	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	03	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	04	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	05	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	06	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	07	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	08	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	09	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	10	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	11	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	18315	Sunflower Electric Power Corp	Electric Utility	Rubart	KS	58255	12	9.0	Other Natural Gas	NG	IC	(V) Under construction, more than 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	1	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	2	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	3	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	4	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	5	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58502	Uwharrie Mountain Renewable Energy, LLC	IPP	Uwharrie Mountain Renewable	NC	58526	6	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	5	58705	Washington Gas Energy Systems		Cogenra - TEP	AZ	58832	CTEP	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	5	20323	Wellhead Services Inc	IPP	Escondido Power Plant	CA	55538	CTG1	45.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	5	56999	Western Massachusetts Electric Company	Electric Utility	Cottage Street Solar Facility	MA	58568	PV-3	3.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG1	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG2	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Cannelton Hydroelectric Plant	KY	57399	CG3	29.3	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	6	58694	Argand Energy Solutions, LLC		Arba Solar, LLC	NC	58801	INV1	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	6	58694	Argand Energy Solutions, LLC		Arba Solar, LLC	NC	58801	INV2	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58694	Argand Energy Solutions, LLC		Arba Solar, LLC	NC	58801	INV3	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58694	Argand Energy Solutions, LLC		Arba Solar, LLC	NC	58801	INV4	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58427	Centinela Solar Energy LLC	IPP	Centinela Solar Energy	CA	58430	CSE6	25.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	3370	Channel Energy Center LLC	IPP	Channel Energy Center LLC	TX	55299	CTG3	183.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	6	57365	Consolidated Edison Solutions Inc	IPP	Tihonet Solar	MA	58749	TSMA	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	4994	Deer Park Energy Center	Electric CHP	Deer Park Energy Center	TX	55464	CTG6	154.8	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2014	6	57414	Eli Lilly and Company	Industrial	Lilly Technical Center	IN	58043	5	1.0	All Other	PUR	ST	(OT) Other
2014	6	58837	Fairview Farms Solar LLC	IPP	Fairview Farms Solar	MA	58974	PV1	0.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL8	18.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	56615	First Solar Energy LLC	IPP	Solar Gen 2	CA	58592	ALHM	51.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	56615	First Solar Energy LLC	IPP	Solar Gen 2	CA	58592	ARK	51.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	56615	First Solar Energy LLC	IPP	Solar Gen 2	CA	58592	SONR	51.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58812	GLT Cloverdale Solar LLC		Cloverdale Solar I	CA	58949	TBD	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58465	Green States Energy, Inc.	IPP	HOW GM1	MA	58097	1	3.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	CT-1	162.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	6	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	CT-2	162.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	6	11269	Lower Colorado River Authority	Electric Utility	Thomas C Ferguson	TX	4937	STG	186.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	6	58681	MSM Solar LLC		Storrie Lake Solar Project	NM	58794	MSMPV	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58255	Mass Midstate Solar 1 LLC	IPP	Mass Midstate Solar 1	MA	58279	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58252	Mass Midstate Solar 2 LLC	IPP	Mass Midstate Solar 2	MA	58276	1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58251	Mass Midstate Solar 3 LLC	IPP	Mass Midstate Solar 3	MA	58275	1	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	58598	Mass Solar, LLC	IPP	North Brookfield	MA	58650	PV1	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	12341	MidAmerican Energy Co		Lundgren Wind Project	IA	58884	LGWF	251.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	6	12341	MidAmerican Energy Co		Wellsburg Wind Project	IA	58886	WBWF	140.8	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	6	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS21	59.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	6	12670	Missouri Jnt Muni.Pwr Elec. Ut. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation
2014	6	12670	Missouri Jnt Muni.Pwr Elec. Ut. Comm.	Electric Utility	Fredericktown Energy Center	MO	57946	UNIT2	12.0	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation
2014	6	58638	NGP Lenape Solar II, LLC	IPP	Lenape II	IN	58703	1	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Expressway Solar C2	CA	58763	EXSC2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Rodeo Solar C2	CA	58751	RSC2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Rodeo Solar D2	CA	58752	RSD2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar A2	CA	58753	SSA2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar B2	CA	58754	SSB2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar C2	CA	58755	SSC2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar D2	CA	58756	SSD2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar E2	CA	58757	SSE2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar F2	CA	58758	SSF2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar G2	CA	58759	SSG2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58579	Silverado Power	IPP	Summer Solar H2	CA	58760	SSH2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	1	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	2	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	3	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	4	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	58426	Sunshine Gas Producers LLC	IPP	Sunshine Gas Producers	CA	58429	5	4.0	Landfill Gas	LFG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN10	2.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN7	2.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN8	2.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	19539	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN9	2.0	Other Natural Gas	NG	IC	(TS) Construction complete, but not yet in commercial operation
2014	6	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH5	0.5	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction
2014	6	56334	WEHRAN Energy Corporation	IPP	Brookhaven Facility	NY	55778	BH6	0.5	Landfill Gas	LFG	IC	(L) Regulatory approvals pending. Not under construction
2014	6	58494	WSACC	IPP	WSACC Power Generation Facility	NC	58518	1	0.8	Other Waste Biomass	SLW	ST	(V) Under construction, more than 50 percent complete
2014	6	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	E101	304.0	Other Natural Gas	NG	CC	(V) Under construction, more than 50 percent complete
2014	6	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	E102	304.0	Other Natural Gas	NG	CC	(V) Under construction, more than 50 percent complete
2014	6	56236	West Deptford Energy LLC	IPP	West Deptford Energy Station	NJ	56963	STG1	283.3	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	7	20069	City of Wamego - (KS)	Electric Utility	Wamego	KS	1328	10	2.9	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	7	10210	Ketchikan Public Utilities	IPP	Whitman	AK	58977	WPG-1	3.9	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	7	10210	Ketchikan Public Utilities	IPP	Whitman	AK	58977	WPG-2	0.9	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	7	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS15	14.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	7	56660	Mojave Solar LLC	IPP	Mojave Solar Project	CA	57331	MSP1	125.0	Solar Thermal without Energy Storage	SUN	ST	(V) Under construction, more than 50 percent complete
2014	7	56660	Mojave Solar LLC	IPP	Mojave Solar Project	CA	57331	MSP2	125.0	Solar Thermal without Energy Storage	SUN	ST	(V) Under construction, more than 50 percent complete
2014	7	12199	Montana-Dakota Utilities Co	Electric Utility	R M Heskett	ND	2790	3	88.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2014	7	57379	PPG - O&M Panda Sherman Power LLC	IPP	Panda Sherman Power Station	TX	58005	CTG-1	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	7	57379	PPG - O&M Panda Sherman Power LLC	IPP	Panda Sherman Power Station	TX	58005	CTG-2	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	7	57379	PPG - O&M Panda Sherman Power LLC	IPP	Panda Sherman Power Station	TX	58005	STG-1	309.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	7	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-1	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	7	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-2	204.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	7	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	STG-1	309.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	7	58388	Pantex (NNSA)	Commercial	Pantex	TX	58404	1	11.5	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	7	56545	Pattern Operators LP	IPP	Pattern Panhandle Wind LLC	TX	58242	1	218.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	7	58817	Rockville Solar II, LLC	IPP	Rockville Solar II, LLC	IN	58953	RVSII	2.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	58841	Broken Bow Wind II LLC	IPP	Broken Bow Wind II	NE	58981	BBII	73.1			WT	(U) Under construction, less than or equal to 50 percent complete
2014	8	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	1	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	2	27.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	58503	Garnet Solar Power Station 1 LLC	IPP	Garnet Solar Power Station 1 LLC	CA	58528	WDT44	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	49893	Invenergy Services LLC		Miami Wind Energy Center	TX	58765	1	288.6	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	8	10071	Kauai Island Utility Cooperative	Electric Utility	KRS II Koloa Solar	HI	58640	KOLPV	12.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	8	11208	Los Angeles Department of Water & Power	Electric Utility	Maclay Solar Project	CA	57308	1	2.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	57331	Soitec Solar Development LLC	IPP	Desert Green Solar Farm LLC	CA	57959	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	8	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC1	3.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC2	3.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC3	4.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	56533	Troy Energy LLC	IPP	Troy Energy LLC	OH	55348	IC4	4.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN10	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN11	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN12	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	8	54842	WM Renewable Energy LLC	IPP	Waste Management Columbia Ridge LFGTE	OR	57015	GEN9	1.6	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete
2014	9	58785	Beebe 1B Renewable Energy, LLC		Beebe 1B	MI	58908	1	50.4	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	9	58712	Bethel Price Solar, LLC		Bethel Price Solar, LLC	NC	58843	NA	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	9	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	3	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	4	28.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	49893	Invenergy Services LLC	IPP	Marsh Hill Wind Farm	NY	58768	1	16.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	9	58413	Lone Valley	IPP	Lone Valley Project	CA	58417	CP1	30.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	9	12341	MidAmerican Energy Co		Macksburg Wind Project	IA	58885	MBWF	112.6	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	9	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS22	55.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	9	26616	North Slope Borough Power & Light	Electric Utility	NSB Point Hope Utility	AK	7485	PG1A	1.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete
2014	9	56641	Tonopah Solar Energy LLC	IPP	Crescent Dunes Solar Energy	NV	57275	TSE-1	110.0	Solar Thermal with Energy Storage	SUN	CP	(U) Under construction, less than or equal to 50 percent complete
2014	9	58716	Windsor Cooper Hill Solar, LLC		Windsor Cooper Hilll Solar, LLC	NC	58847	NA	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	56702	510 REPP One LLC	IPP	510 REPP One	NC	57363	1	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	10	57421	BayWa r.e Wind LLC		Anderson Wind I	NM	58939	AND1	5.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2014	10	57421	BayWa r.e Wind LLC		Anderson Wind II	NM	58940	AND2	10.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2014	10	58818	BearPond Solar Center LLC		BearPond Solar Center LLC	NC	58955	BEAR	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01A	40.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01B	40.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	01C	20.0	All Other	WH	CA	(U) Under construction, less than or equal to 50 percent complete
2014	10	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	02A	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete
2014	10	56769	Consolidated Edison Development Inc.	IPP	White River Solar 2	CA	58973	W2CA	19.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	10	4254	Consumers Energy Co		Cross Winds Energy Park	MI	58830	CWEP	105.4	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	10	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV04	30.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	58816	Dessie Solar Center LLC		Dessie Solar Center LLC	NC	58952	DESS	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	58713	Dogwood Solar, LLC		Dogwood Solar, LLC	NC	58844	NA	20.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation
2014	10	39347	East Texas Electric Coop, Inc		Woodville Renewable Power Project	TX	58944	G1	46.5	Wood/Wood Waste Biomass	WDS	ST	(V) Under construction, more than 50 percent complete
2014	10	56615	First Solar Energy LLC	IPP	Desert Sunlight 300, LLC	CA	57993	DSL9	22.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	56615	First Solar Energy LLC	IPP	Topaz Solar Farm	CA	57695	TPZ5	166.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	10	58784	Fourmile Wind Energy, LLC		Fourmile Ridge	MD	58904	1	40.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	CT1	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	CT2	155.7	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	ST1	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete
2014	10	49893	Invenergy Services LLC	IPP	Nelson Energy Center	IL	58573	ST2	129.6	Other Natural Gas	NG	ST	(V) Under construction, more than 50 percent complete
2014	10	49893	Invenergy Services LLC	IPP	Spring Canyon II Wind Energy Center	CO	58769	1	34.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	10	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS23	47.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete
2014	10	58489	OCI Solar Power	IPP	OCI Alamo 4, LLC	TX	58717	1	39.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	10	58749	Rentech Nitrogen Pasadena LLC		Rentech Nitrogen Pasadena Cogeneration	TX	58870	MG202	14.0	All Other	WH	ST	(U) Under construction, less than or equal to 50 percent complete
2014	10	5109	The DTE Electric Company	Electric Utility	Echo Wind Park	MI	58121	GEN2	51.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete
2014	10	58825	WE 90 Technology Drive LLC	IPP	Technology Drive Solar	VT	58964	PV1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	58262	Belectric Inc	IPP	Helen Solar 1	CA	58287	GWPV	1.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	11	58262	Belectric Inc	IPP	Helen Solar 2	CA	58288	GEPV	1.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	11	58262	Belectric Inc	IPP	Venable Solar 1	CA	58289	VNPV	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	58262	Belectric Inc	IPP	Venable Solar 2	CA	58290	VSPV	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	58262	Belectric Inc	IPP	Zuni Solar 1	CA	58285	ZNPV	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	58262	Belectric Inc	IPP	Zuni Solar 2	CA	58286	ZSPV	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	5	25.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	56615	First Solar Energy LLC	IPP	Desert Sunlight 250, LLC	CA	58542	DSL19	25.2	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	58819	Graham Solar Center LLC		Graham Solar Center LLC	NC	58957	GRAH	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	7570	Great River Energy	Electric Utility	Spiritwood Station	ND	56786	1	62.0	Conventional Steam Coal	LIG	ST	(V) Under construction, more than 50 percent complete
2014	11	57480	Heritage Garden Wind Farm I LLC		Big Turtle Wind Farm, LLC	MI	58891	BTWF1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	11	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS13	57.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	56545	Pattern Operators LP	IPP	Pattern Panhandle Wind 2 LLC	TX	58720	1	181.7	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	11	15477	Public Service Elec & Gas Co		Kinsley Landfill Solar	NJ	58877	KINS	8.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	11	56980	Regulus Solar LP	IPP	FRV Regulus Solar Project	CA	57650	FRV4	60.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	11	58579	Silverado Power	IPP	Western Antelope Blue Sky Ranch A	CA	58626	WABSA	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	11	57355	Stephens Ranch Wind Energy LLC	IPP	Stephens Ranch Wind Energy LLC	TX	57983	1	377.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar 2, LLC	NC	58803	INV1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar 2, LLC	NC	58803	INV2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar 2, LLC	NC	58803	INV3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar 2, LLC	NC	58803	INV4	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar Farm, LLC	NC	58840	INV1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar Farm, LLC	NC	58840	INV2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar Farm, LLC	NC	58840	INV3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar Farm, LLC	NC	58840	INV4	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar Farm, LLC	NC	58840	INV5	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar Farm, LLC	NC	58840	INV6	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar Farm, LLC	NC	58840	INV7	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar Farm, LLC	NC	58840	INV8	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Kenansville Solar Farm, LLC	NC	58840	INV9	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		McCaskey Solar Farm, LLC	NC	58804	INV1	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		McCaskey Solar Farm, LLC	NC	58804	INV2	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		McCaskey Solar Farm, LLC	NC	58804	INV3	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		McCaskey Solar Farm, LLC	NC	58804	INV4	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		McCaskey Solar Farm, LLC	NC	58804	INV5	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		McCaskey Solar Farm, LLC	NC	58804	INV6	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		McCaskey Solar Farm, LLC	NC	58804	INV7	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		McCaskey Solar Farm, LLC	NC	58804	INV8	0.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV10	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV4	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV5	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV6	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV7	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV8	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58694	Argand Energy Solutions, LLC		Samarcand Solar Farm, LLC	NC	58805	INV9	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	2	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2014	12	58792	ClearVista Energy LLC	IPP	ClearVista Solar and Wind Farm	CA	58922	CVPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58792	ClearVista Energy LLC	IPP	ClearVista Solar and Wind Farm	CA	58922	CVWT	19.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2014	12	57391	Copper Mountain Solar 2, LLC	IPP	Copper Mountain Solar 2	NV	58017	PV05	30.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	10	21.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Adams East LLC	CA	58984	1	19.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Camelot LLC	CA	58983	1	45.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Kansas Solar LLC	CA	58985	1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58468	Dominion Renewable Energy	IPP	RE Old River One LLC	CA	58986	1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	56215	E ON Climate Renewables N America LLC	IPP	Grandview Wind Farm, LLC	TX	58596	GRVWI	200.6	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	5906	EDF Renewable Services Inc	IPP	TX Hereford Wind	TX	58773	GEN1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58720	Enbridge		Keechi Wind	TX	58838	KW1	110.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	49932	Enel North America, Inc.	IPP	Courtenay Wind Farm	ND	58658	1	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	49932	Enel North America, Inc.	IPP	South Fork Wind Farm	MN	58691	STFK1	13.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Badger Peak	ID	57148	BP	20.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Bonanza Bar	ID	57149	BBAR	20.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Chapin Mountain	ID	57142	CM	19.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Conner Ridge	ID	57147	CR	19.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	50127	Exergy Development Group	IPP	Cottonwood Wind Park	ID	57144	JR20	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Deep Creek Wind Park	ID	57146	JR1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Lava Beds Wind Park LLC	ID	56436	LBWP	18.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Notch Butte Wind Park	ID	56438	NBWP	18.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Rogerson Flats	ID	57145	RF	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	50127	Exergy Development Group	IPP	Salmon Creek	ID	57150	SC	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58259	Freetown Solar LLC	IPP	Freetown Solar	MA	58283	1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58810	Geenex LLC		HXOap Solar One	NC	58943	1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	57104	Golden Springs Development Company LLC		Santa Fe Springs Rooftop Solar BLDG H	CA	58913	1	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	57104	Golden Springs Development Company LLC		Santa Fe Springs Rooftop Solar BLDG M	CA	58912	1	1.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2014	12	58412	Headwaters Wind Farm LLC	IPP	Headwaters Wind Farm LLC	IN	58416	1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58695	Heliosage LLC		Albemarle Solar Center LLC	NC	58806	ASC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC		Boseman Solar Center LLC	NC	58807	BSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC		Flemming Solar Center LLC	NC	58808	FSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC		Littlefield Solar Center LLC	NC	58809	LSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC		Rams Horn Solar Center LLC	NC	58810	RHSC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58695	Heliosage LLC		Upchurch Solar Center LLC	NC	58812	USC1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	15399	Iberdrola Renewables Inc	IPP	Dolan Springs	AZ	57920	1	300.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	15399	Iberdrola Renewables Inc	IPP	Penascal III	TX	57927	1	201.6	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	15399	Iberdrola Renewables Inc	IPP	Tule Wind LLC	CA	57913	1	143.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2014	12	57193	K Road Moapa Solar LLC	IPP	K Road Moapa Solar	NV	57859	1	250.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	56911	Kalaeloa Solar One LLC	IPP	Kalaeloa Solar One	HI	57569	KS1-A	3.0	Solar Thermal with Energy Storage	SUN	CP	(L) Regulatory approvals pending. Not under construction
2014	12	56911	Kalaeloa Solar One LLC	IPP	Kalaeloa Solar One	HI	57569	KS1-B	3.0	Solar Thermal with Energy Storage	SUN	CP	(L) Regulatory approvals pending. Not under construction
2014	12	58673	Longhorn Holdings, LLC	IPP	Longhorn Holdings	NC	58781	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	11664	Mark Technologies Corp	IPP	Alta Mesa Project Phase IV	CA	55352	GEN1	40.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58598	Mass Solar, LLC	IPP	Braley Road 2	MA	58680	PV1	2.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	12647	Minnesota Power Inc		Bison 4 Wind Energy Center	ND	58872	BISO4	205.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1A	157.6	Coal Integrated Gasification Combined Cycle	SGC	CT	(V) Under construction, more than 50 percent complete
2014	12	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1B	157.6	Coal Integrated Gasification Combined Cycle	SGC	CT	(V) Under construction, more than 50 percent complete
2014	12	12686	Mississippi Power Co	Electric Utility	Kemper County IGCC Project	MS	57037	1C	206.5	Coal Integrated Gasification Combined Cycle	SGC	CA	(V) Under construction, more than 50 percent complete
2014	12	57470	Noble Energy Systems, Inc.	IPP	Pea Patch Wind Farm	MD	58087	PEAP	50.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2014	12	55868	Noble Wind Operations LLC	IPP	Noble Bellmont Windpark LLC	NY	56903	1	21.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2014	12	58477	O2energies, Inc.	IPP	Biscoe Solar LLC	NC	58667	BISCO	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Chocowinity Solar LLC	NC	58675	CHOCO	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Cirrus Solar LLC	NC	58674	CIRRU	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Gates Solar LLC	NC	58673	GATES	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Montgomery Solar LLC	NC	58649	1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Rockwell Solar LLC	NC	58668	ROCKW	3.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Selma Solar LLC	NC	58669	SELMA	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58477	O2energies, Inc.	IPP	Turkey Branch Solar LLC	NC	58670	TURKY	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	56937	Rising Tree Wind Farm LLC	IPP	Rising Tree Wind Farm	CA	57621	GEN1	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58820	Shankle Solar Center LLC		Shankle Solar Center LLC	NC	58956	SHAN	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58658	Sunlight Partners	IPP	Amethyst Solar	NC	58730	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Angel Solar	NC	58731	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58658	Sunlight Partners	IPP	Audrey Solar	NC	58732	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Austin Solar	NC	58733	PV1	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58658	Sunlight Partners	IPP	Beth Solar	NC	58734	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Big Boy Solar	NC	58736	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Elliana Solar	NC	58725	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58658	Sunlight Partners	IPP	Lotus Solar	NC	58729	PV1	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Milo Solar	NC	58739	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Minnie Solar	NC	58740	PV1	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	58658	Sunlight Partners	IPP	Owen Solar	NC	58742	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2014	12	58658	Sunlight Partners	IPP	Sophie Solar	NC	58745	PV1	4.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2014	12	24211	Tucson Electric Power Co	IPP	Fort Huachuca Solar PV Project	AZ	58972	FHUAC	14.9			PV	(T) Regulatory approvals received. Not under construction
2014	12	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch A	CA	58418	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	58414	Victor Dry Farm Ranch	IPP	Victor Dry Farm Ranch B	CA	58419	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	CT01	297.5	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	CT02	297.5	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	CT03	297.5	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2014	12	19876	Virginia Electric & Power Co	Electric Utility	Warren County VA	VA	55939	ST01	579.7	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2014	12	58761	White Camp Solar LLC		White Camp Solar	TX	58888	WCAMP	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	02	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	1	1307	Basin Electric Power Coop	Electric Utility	Lonesome Creek Station	ND	57943	03	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	1	58562	Blueberry One, LLC	IPP	Blueberry One	NC	58605	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	1	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	1	76.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	1	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	2	76.5	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	1	58576	Holstein Holdings, LLC	IPP	Holstein Plant	NC	58623	PV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	1	58377	MidAmerican Solar LLC	IPP	Solar Star 2	CA	58389	SS24	44.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	1	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	10	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	11	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	12	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	2	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	3	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	4	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	5	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	6	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	7	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	8	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	15248	Portland General Electric Co	Electric Utility	Port Westward Unit 2	OR	58266	9	18.5	Other Natural Gas	NG	IC	(U) Under construction, less than or equal to 50 percent complete
2015	1	57028	West Butte Wind Power LLC	IPP	West Butte Wind Power Project	OR	57704	WB-1	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	2	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG1	22.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2015	2	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	1	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	2	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	9	24.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG2	25.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	3	40577	American Mun Power-Ohio, Inc	Electric Utility	Willow Island Hydroelectric Plant	WV	57401	WIG2	22.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2015	3	11268	City of Lowell - (MI)	Electric Utility	Chatham	MI	58254	CT02R	3.2	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete
2015	3	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-1	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	3	10071	Kauai Island Utility Cooperative	Electric Utility	KRS I Anahola Solar	HI	58639	ANAPV	12.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	3	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS12	52.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	3	56855	Performance Services	IPP	Purdue Energy Park	IN	57518	1	20.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	3	15248	Portland General Electric Co	Electric Utility	Tucannon River Wind Farm	WA	58571	1	266.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58652	Roundtop Energy LLC	IPP	Roundtop	PA	58715	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	3	58814	Sibley Wind Substation LLC		Sibley Wind	MN	58950	SW-1	19.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	3	58707	Torch Renewable Energy LLC		Red Horse 2	AZ	58833	RH2S	41.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	3	58361	Triton College	Commercial	Triton East and West Cogen	IL	58375	5	0.4	Other Natural Gas	NG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	3	58601	Waihonu South LLC	IPP	Honbushin Solar Blessings Park	HI	58656	INV-3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	4	58603	Aloha Solar Energy Fund I LLC	IPP	Aloha Solar Energy Fund 1 PK1	HI	58659	PK-1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG3	25.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	4	58703	Apple One LLC		Apple One	NC	58828	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	58770	Balko Wind LLC		Balko Wind LLC	OK	58900	BAL1	299.7	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	4	7977	City of Hamilton - (OH)	Electric Utility	Meldahl Hydroelectric Project	KY	56872	3	35.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete
2015	4	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	8	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	4	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-2	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	4	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	BLKW	12.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	56615	First Solar Energy LLC	IPP	Lost Hills	CA	58711	LTHL	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	1	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2015	4	56167	Imperial Valley Solar, LLC	IPP	Imperial Valley Solar, LLC	CA	56917	2	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	57411	KDC Solar O&M LLC	Commercial	Mountain Creek Solar Facility	NJ	58364	MC	4.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	4	58815	KDC Solar RTC LLC		Delilah Road Landfill	NJ	58951	DRLS	9.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	4	58773	Kingfisher Wind LLC		Kingfisher Wind LLC	OK	58902	KNG1	300.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	4	58679	Kirkwall Holdings, LLC		Kirkwall Holdings	NC	58791	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS11	52.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	4	58674	Sonne One, LLC	IPP	Sonne One	NC	58782	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	58704	Sonne Two LLC		Sonne Two	NC	58829	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	4	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS51	15.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	5	58706	67RK 8me LLC		Redcrest Solar Farm	CA	58831	PV-1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	5	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	7	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	5	5906	EDF Renewable Services Inc	IPP	Longhorn Wind	TX	58772	GEN1	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	11241	Entergy Louisiana Inc	Electric Utility	Nine Mile Point	LA	1403	6	561.0	Other Natural Gas	NG	CC	(U) Under construction, less than or equal to 50 percent complete
2015	5	7349	Golden Spread Electric Cooperative, Inc		Elk Station	TX	58835	ELK1	189.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	1	25.9	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	2	70.3	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Buckeye Wind Energy Center	KS	58767	3	105.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	1	129.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	2	109.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	49893	Invenergy Services LLC	IPP	Wake Wind Energy Center	TX	58766	3	61.1	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	11208	Los Angeles Department of Water & Power	Electric Utility	Van Norman Bypass Solar Project	CA	57307	1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	5	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	7	640.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2015	5	12341	MidAmerican Energy Co		Highland Wind Project	IA	58883	HLWF	502.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	58377	MidAmerican Solar LLC	IPP	Solar Star 1	CA	58388	SS14	32.2	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	5	58616	Osage Wind, LLC	IPP	Osage Wind, LLC	OK	58683	1	150.4	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	5	17445	Solid Waste Auth of Palm Beach	Electric Utility	Palm Beach Renewable Energy Facility#2	FL	57898	GEN2	85.0	Municipal Solid Waste	MSW	ST	(P) Planned for installation, but regulatory approvals not initiated
2015	5	55510	Tiverton Power LLC	IPP	Tiverton Power Plant	RI	55048	UNT3	159.4	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2015	5	55510	Tiverton Power LLC	IPP	Tiverton Power Plant	RI	55048	UNT4	90.6	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2015	6	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	GTG1	205.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2015	6	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	GTG2	205.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2015	6	56031	CPV Maryland LLC	IPP	CPV St Charles Energy Center	MD	56846	STGEN	316.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2015	6	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT001	240.0	Other Natural Gas	NG	CC	(L) Regulatory approvals pending. Not under construction
2015	6	57166	CPV Shore LLC	IPP	Woodbridge Energy Center	NJ	57839	CT002	240.0	Other Natural Gas	NG	CC	(L) Regulatory approvals pending. Not under construction
2015	6	2338	Calpine Central LP	IPP	Mankato Energy Center	MN	56104	CTG1	200.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	918	City of Aspen- (CO)	Electric Utility	Castle Creek Hydroplant	CO	56566	1	1.2	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	6	19856	City of Vineland - (NJ)	Electric Utility	Clayville	NJ	58235	1	63.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58790	Copper Mountain Solar 3, LLC		Copper Mountain Solar 3	NV	58915	6	26.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete
2015	6	56615	First Solar Energy LLC	IPP	North Star Solar	CA	58713	NSTR	62.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58692	Florey Knob LLC		Florey Knobb	PA	58821	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	CTG1	183.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	56691	Garrison Energy Center LLC	IPP	Garrison Energy Center LLC	DE	57349	STG2	126.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2015	6	7801	Gulf Power Co	Electric Utility	Perdido	FL	57502	3	1.5	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	6	10379	Klamath Generation LLC	Electric CHP	Klamath	OR	56019	CT-1	162.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	6	10379	Klamath Generation LLC	Electric CHP	Klamath	OR	56019	CT-2	162.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	6	10379	Klamath Generation LLC	IPP	Klamath	OR	56019	ST-1	220.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2015	6	58606	Mauka Fit One LLC	IPP	Mauka FIT One	HI	58662	3501	3.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58588	National Solar Power Partners LLC	IPP	Hardee County Solar Farms 1 LLC	FL	58637	HCSF1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-3	204.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	CTG-4	204.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete
2015	6	57377	PPG - O&M Panda Temple Power LLC	IPP	Panda Temple Power Station	TX	58001	STG-2	309.0	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete
2015	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	10A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2015	6	40192	Shady Hills Power Co LLC	IPP	Shady Hills Generating Station	FL	55414	G401	200.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	40192	Shady Hills Power Co LLC	IPP	Shady Hills Generating Station	FL	55414	G501	200.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	6	57331	Soitec Solar Development LLC	IPP	LanEast Solar Farm LLC	CA	57957	1	20.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	57331	Soitec Solar Development LLC	IPP	LanWest Solar Farm LLC	CA	57958	1	5.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	57331	Soitec Solar Development LLC	IPP	Rugged Solar LLC	CA	57960	1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	57331	Soitec Solar Development LLC	IPP	Tierra Del Sol Solar Farm LLC	CA	57961	1	45.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	6	58707	Torch Renewable Energy LLC		Red Horse 2	AZ	58833	RH2W	30.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	6	58602	Utah Red Hills Renewable Energy Park LLC	IPP	Utah Red Hills Renewable Energy Park	UT	58660	1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-1	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-2	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-3	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-4	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-5	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-6	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-7	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-8	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV-9	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	58600	Waihonu North LLC	IPP	Waihonu North Solar	HI	58655	INV10	0.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	6	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	CTG1	172.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	6	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	CTG2	172.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete
2015	6	20159	Washington Parish Engy Ctr LLC	IPP	Washington Parish Energy Center	LA	55486	ST1	215.0	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete
2015	7	40577	American Mun Power-Ohio, Inc	Electric Utility	Smithland Hydroelectric Plant	KY	57400	SG1	25.3	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete
2015	7	58554	Beryl Solar, LLC	IPP	Beryl Solar Plant	UT	58598	BSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58662	Blue Mountain Power Partners	IPP	Blue Mountain Wind Farm	UT	58764	BM1	80.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	7	58557	Buckhorn Solar, LLC	IPP	Buckhorn Solar Plant	UT	58600	BSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58556	Cedar Valley Solar, LLC	IPP	Cedar Valley Solar Plant	UT	58599	CVSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58561	Granite Peak Solar, LLC	IPP	Granite Peak Solar Plant	UT	58604	GPSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58560	Greenville Solar, LLC	IPP	Greenville Solar Plant	UT	58603	GVSP1	2.2	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	GT-1	200.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	GT-2	200.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	7	57457	Hess NEC, LLC	IPP	Newark Energy Center	NJ	58079	STG-1	285.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2015	7	58559	Laho Solar, LLC	IPP	Laho Solar Plant	UT	58602	LSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	11208	Los Angeles Department of Water & Power	Commercial	VA Sepulveda Ambulatory Care Center	CA	58249	GEN1	3.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58558	Milford Flat Solar, LLC	IPP	Milford Flat Solar Plant	UT	58601	MFSP1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	7	14077	Oklahoma Municipal Power Authority	Electric Utility	Charles D. Lamb Energy Center	OK	58325	1	122.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	7	58589	Orbit Energy Charlotte	IPP	Orbit Energy Charlotte	NC	58638	1	5.2	Other Waste Biomass	OBG	ST	(U) Under construction, less than or equal to 50 percent complete
2015	7	54863	U S Power Generating Company LLC	IPP	Gowanus Gas Turbines Generating	NY	2494	SS	90.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2015	8	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN7	1.6	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete
2015	8	57406	Deepwater Wind Block Island LLC	IPP	Block Island Wind Farm	RI	58035	BIWF	29.3	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction
2015	8	56625	Flat Water Wind Farm LLC	IPP	Flat Water Wind Farm	NE	57283	WTG2	10.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG1	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	8	49893	Invenergy Services LLC	IPP	Ector County Energy Center	TX	58471	CTG2	163.3	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	8	49805	Kennecott Utah Copper	Industrial	Kennecott Power Plant	UT	56163	MCHP	5.9	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2015	8	58613	Route 66 Wind Power LLC	IPP	Route 66 Wind Plant	TX	58681	RT661	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	9	58687	Bayles Energy LLC		Bayles	PA	58816	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC		Bayles	PA	58816	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC		Bayles	PA	58816	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC		Bayles	PA	58816	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	58687	Bayles Energy LLC		Bayles	PA	58816	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	9	49932	Enel North America, Inc.		Origin Wind	MA	58938	WT	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	9	56266	Green Gas-Pioneer Crossing Energy LLC	IPP	Pioneer Crossing Landfill Gas to Energy	PA	56957	LFG5	1.6	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction
2015	9	56266	Green Gas-Pioneer Crossing Energy LLC	IPP	Pioneer Crossing Landfill Gas to Energy	PA	56957	LFG6	1.6	Landfill Gas	LFG	IC	(T) Regulatory approvals received. Not under construction
2015	9	57278	Hidden Hills Solar II LLC	IPP	Hidden Hills Solar Plant 2	CA	57906	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction
2015	9	15399	Iberdrola Renewables Inc	Electric CHP	Lakeview Cogeneration LLC	OR	57398	1	24.0	Other Waste Biomass	OBS	ST	(U) Under construction, less than or equal to 50 percent complete
2015	9	58609	OwnEnergy Inc	IPP	Alexander Wind Farm LLC	KS	58666	1	48.3	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG1	101.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG2	101.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	9	56895	Pio Pico Energy Center LLC	IPP	Pio Pico Energy Center	CA	57555	CTG3	101.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2015	9	58565	Saddleback Ridge Wind, LLC	IPP	Saddleback Ridge Wind Farm	ME	58608	SRW1	34.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	9	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS50	49.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2015	9	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN1	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	9	54842	WM Renewable Energy LLC	IPP	Waste Management Tri-Cities LFGTE	CA	57164	GEN2	1.6	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	10	56963	Beaver Wood Energy Fair Haven, LLC	Electric CHP	Beaver Wood Energy Fair Haven, LLC	VT	57634	GEN1	29.5	Other Waste Biomass	OBS	ST	(L) Regulatory approvals pending. Not under construction
2015	10	5580	East Kentucky Power Coop, Inc	Electric Utility	Green Valley LFGTE	KY	56278	4	0.8	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated
2015	10	56282	Evergreen Wind Power II LLC	IPP	Oakfield Wind Project	ME	57002	1	148.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	10	56791	Hudson Ranch Power I LLC	IPP	Hudson Ranch Power II LLC	CA	58211	HR2	49.0	Geothermal	GEO	ST	(T) Regulatory approvals received. Not under construction
2015	10	26253	Louisiana Energy & Power Authority	Electric Utility	Morgan City CC Youngs Road	LA	58478	LEPA1	79.0	Other Natural Gas	NG	CC	(L) Regulatory approvals pending. Not under construction
2015	10	58826	Thunder Spirit Wind, LLC	IPP	Thunder Spirit Wind, LLC	ND	58965	THNDR	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	11	58574	Canton Mountain Wind LLC	IPP	Canton Mountain Wind	ME	58620	1	22.8	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	11	5906	EDF Renewable Services Inc	IPP	Roosevelt County	NM	58771	GEN1	300.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2015	12	58794	American Wind Energy Management Corporation		Sugar Creek Wind One LLC	IL	58924	SUG1	175.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	58680	Ayrshire Holdings, LLC		Ayrshire	NC	58792	PV1	19.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	56524	Baca Energy LLC	IPP	Baca Renewable Energy LLC	CO	57175	BACA1	75.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58625	Black Oak Wind, LLC	IPP	Black Oak Wind Farm	MN	58692	1	40.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	56870	Blue Sky West LLC	IPP	Bingham Wind	ME	57531	1	186.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	57260	CSOLAR IV West LLC	IPP	Imperial Solar Energy Center West	CA	57491	56819	148.7	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT1	197.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2015	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	CT2	197.3	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2015	12	56872	Contra Costa Generating Station LLC	IPP	Oakley Generating Station	CA	57552	ST	191.3	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2015	12	58642	East Kapolei Solar LLC	IPP	EKS Solar Farm	HI	58705	PV1	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2015	12	49932	Enel North America, Inc.	IPP	Apple Blossom Wind Farm	MI	58690	APLB1	100.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	49932	Enel North America, Inc.	IPP	Odell Wind Farm	MN	58657	1	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	28086	Energy Unlimited Inc	IPP	Painted Hills IV Wind	CA	56926	1	19.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2015	12	58672	Everpower Wind Holdings Inc	IPP	Buckeye Wind Farm	OH	58776	1	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	58146	Gaelectric LLC	IPP	Jawbone Wind Project	MT	58175	JWPI	131.1	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58614	Hancock Wind LLC	IPP	Hancock Wind Plant	ME	58686	HANC1	51.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	15399	Iberdrola Renewables Inc	IPP	El Cabo Wind	NM	58098	1	298.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56633	Lake Country Wind Energy	IPP	Lake Country Wind Energy	MN	57255	1	40.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	55910	Lanai Sustainability Research LLC	IPP	Miliani South Solar Farm	HI	57242	1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	4		Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	5		Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	6	95.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	7	95.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58783	Marseilles Land and Water Company		Marseilles Lock and Dam Hydro	IL	58903	UNIT1	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	12	58783	Marseilles Land and Water Company		Marseilles Lock and Dam Hydro	IL	58903	UNIT2	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	12	58783	Marseilles Land and Water Company		Marseilles Lock and Dam Hydro	IL	58903	UNIT3	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	12	58783	Marseilles Land and Water Company		Marseilles Lock and Dam Hydro	IL	58903	UNIT4	2.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2015	12	56941	Meadow Lake Wind Farm V LLC	IPP	Meadow Lake Wind Farm V LLC	IN	57628	GEN1	100.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56873	Milford Wind Corridor Phase III LLC	IPP	Milford Wind Corridor Phase III	UT	57546	1	100.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58257	Mililani South PV LLC	IPP	Mililani South PV	HI	58281	1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58796	NECO Wind LLC		NECO Wind LLC	CO	58928	1	30.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58718	Na Pua Makani Power Partners LLC		Na Pua Makani Wind Project	HI	58837	WT1	25.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN1	382.5	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2015	12	56545	Pattern Operators LP	IPP	Ripley Westfield Wind LLC	NY	57193	WTG	75.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56545	Pattern Operators LP	IPP	Texas Gulf Wind 2	TX	56662	1	187.2	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	58626	Paynesville Wind, LLC	IPP	Paynesville Wind Farm	MN	58693	1	95.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	5	173.4	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	6	173.4	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	7	241.4	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2015	12	58690	Red Glen Energy LLC		Red Glen	PA	58819	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58690	Red Glen Energy LLC		Red Glen	PA	58819	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58690	Red Glen Energy LLC		Red Glen	PA	58819	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58690	Red Glen Energy LLC		Red Glen	PA	58819	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58690	Red Glen Energy LLC		Red Glen	PA	58819	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2015	12	58168	Rio Mesa Solar I LLC	IPP	Rio Mesa SEGF 1		58188	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction
2015	12	58658	Sunlight Partners	IPP	Binks Solar	NC	58737	PV1	4.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Buddy Solar	NC	58735	PV1	4.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Flash Solar	NC	58726	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Hawkins Solar	NC	58727	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Katherine Solar	NC	58728	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Nick Solar	NC	58741	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	RJ Solar	NC	58743	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Shadow Solar	NC	58744	PV1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58658	Sunlight Partners	IPP	Star Solar	NC	58746	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58836	Sunwind Energy Solutions, LLLP	IPP	Sunwind Doyle Wind	KS	58976	SNWND	200.0			WT	(L) Regulatory approvals pending. Not under construction
2015	12	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	CTG	11.6	Other Waste Biomass	OBG	CT	(U) Under construction, less than or equal to 50 percent complete
2015	12	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	STG	7.4	Other Waste Biomass	OBG	CA	(U) Under construction, less than or equal to 50 percent complete
2015	12	18642	Tennessee Valley Authority	Electric Utility	Watts Bar Nuclear Plant	TN	7722	2	1,122.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2015	12	2782	Terra-Gen Operating Company	IPP	Dixie Valley Power Partnership	NV	10681	GEN1	25.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2015	12	58624	Walnut Ridge Wind, LLC	IPP	Walnut Ridge Wind Farm	IL	58694	1	210.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2015	12	56948	Waverly Wind Farm LLC	IPP	Waverly Wind Farm LLC	KS	57614	GEN1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	1	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U001	346.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	1	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U002	346.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	1	56534	Cricket Valley Energy Center LLC	IPP	Cricket Valley Energy	NY	57185	U003	346.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	1	25438	Friant Power Authority	IPP	Friant Hydro Facility	CA	50393	RO2	9.0	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2016	1	58378	Jordan Hydroelectric LTD PTP		Flannagan Hydroelectric Project	VA	58827	LEFT	0.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2016	1	58378	Jordan Hydroelectric LTD PTP		Flannagan Hydroelectric Project	VA	58827	RGHT	0.9	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation
2016	2	58417	Panda Liberty O&M LLC	IPP	Panda Liberty Generation Plant	PA	58420	GEN2	382.5	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2016	3	57277	Hidden Hills Solar I LLC	IPP	Hidden Hills Solar Plant 1	CA	57905	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC		Hop Bottom	PA	58800	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC		Hop Bottom	PA	58800	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC		Hop Bottom	PA	58800	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC		Hop Bottom	PA	58800	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58684	Hop Bottom Energy LLC		Hop Bottom	PA	58800	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC		Milan	PA	58818	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC		Milan	PA	58818	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC		Milan	PA	58818	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC		Milan	PA	58818	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58689	Milan Energy LLC		Milan	PA	58818	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	3	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN1	382.5	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2016	3	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0001	40.2	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2016	3	58169	Rio Mesa Solar II LLC	IPP	Rio Mesa SEGF 2	CA	58189	1	250.0	Solar Thermal without Energy Storage	SUN	ST	(L) Regulatory approvals pending. Not under construction
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2016	4	58838	Parrey, LLC	IPP	Henrietta Solar Project	CA	58975	PV1	102.0			PV	(L) Regulatory approvals pending. Not under construction
2016	4	54866	Robinson Power Company LLC	Electric CHP	Robinson Power Company LLC	PA	56453	1	132.0	Conventional Steam Coal	BIT	ST	(P) Planned for installation, but regulatory approvals not initiated
2016	4	56709	Turning Point Solar LLC	IPP	Turning Point Solar	OH	57371	TPS52	14.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	5	867	ARCO Products Co-Watson	Industrial	Watson Cogeneration	CA	50216	GN97	79.6	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-3	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2016	5	58597	Enivromission, Inc	IPP	La Paz Solar Tower	AZ	58652	1	200.0	Solar Thermal without Energy Storage	SUN	OT	(L) Regulatory approvals pending. Not under construction
2016	5	58421	Panda Patriot O&M LLC	IPP	Panda Patriot Generation Plant	PA	58426	GEN2	382.5	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2016	5	15248	Portland General Electric Co	Electric Utility	Carty Generating Station	OR	58503	GEN1	500.0	Other Natural Gas	NG	CC	(T) Regulatory approvals received. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT01	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT02	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	CT03	270.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	5	19876	Virginia Electric & Power Co	Electric Utility	Brunswick County Power Station	VA	58260	ST01	595.3	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58685	Beaver Dam Energy LLC	IPP	Beaver Dam	PA	58811	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG1	189.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	CTG2	189.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	56290	CPV Vaca Station LLC	IPP	CPV Vaca Station LLC	CA	56999	STG	198.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	CTG2	186.5	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	56204	CPV Valley LLC	IPP	CPV Valley Energy Center	NY	56940	STG	305.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	1	1.5	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction
2016	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	2	1.5	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	12-2		Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	12-3		Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2016	6	58692	Florey Knob LLC		Florey Knobb	PA	58821	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58692	Florey Knob LLC		Florey Knobb	PA	58821	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58692	Florey Knob LLC		Florey Knobb	PA	58821	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58692	Florey Knob LLC		Florey Knobb	PA	58821	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5A	1,260.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5B		Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5C		Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2016	6	6452	Florida Power & Light Co	Electric Utility	Port Everglades	FL	617	5ST		Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2016	6	58409	Future Power PA	Electric CHP	Good Spring NGCC	PA	58409	GT1	225.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	6	58409	Future Power PA	Electric CHP	Good Spring NGCC	PA	58409	HRSG1	108.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	6	11806	Massachusetts Mun Wholes Electric Co	Electric Utility	Stony Brook	MA	6081	3A	289.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	6	56640	Rice Solar Energy LLC	Commercial	Rice Solar Energy	CA	57276	RSE1	150.0	Solar Thermal without Energy Storage	SUN	OT	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC		Shippenville	PA	58820	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC		Shippenville	PA	58820	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC		Shippenville	PA	58820	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC		Shippenville	PA	58820	GEN4	4.4	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	58691	Shippenville Energy LLC		Shippenville	PA	58820	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	6	57109	St Joseph Energy Center LLC	IPP	St Joseph Energy Center	IN	57794	2	642.0	Other Natural Gas	NG	CC	(L) Regulatory approvals pending. Not under construction
2016	7	56615	First Solar Energy LLC	IPP	Silver State South	NV	58644	SSS	286.8	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	7	56615	First Solar Energy LLC	IPP	Stateline Solar	NV	58646	STL	299.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	7	2518	U S Bureau of Reclamation	Electric Utility	Black Canyon	ID	6396	3	12.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2016	8	56814	Black Creek Renewable Energy LLC	IPP	Sampson County Landfill	NC	57492	GEN8	1.6	Landfill Gas	LFG	IC	(V) Under construction, more than 50 percent complete
2016	8	4329	Copper Valley Elec Assn, Inc	IPP	Allison Creek Hydro	AK	58982	GEN1	6.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2016	9	58686	Alpaca Energy LLC		Alpaca	PA	58813	GEN1	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	58686	Alpaca Energy LLC		Alpaca	PA	58813	GEN2	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	58686	Alpaca Energy LLC		Alpaca	PA	58813	GEN3	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	58686	Alpaca Energy LLC		Alpaca	PA	58813	GEN4	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	58686	Alpaca Energy LLC		Alpaca	PA	58813	GEN5	4.2	Other Natural Gas	NG	IC	(L) Regulatory approvals pending. Not under construction
2016	9	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	1	27.5	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2016	9	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Red Rock Hydro Plant	IA	58434	2	27.5	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction
2016	10	5906	EDF Renewable Services Inc	IPP	Spinning Spur Wind III	TX	58775	GEN1	161.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete
2016	10	56987	RRE Austin Solar LLC	IPP	Pflugerville Solar Farm	TX	57659	PSF	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2016	10	58381	Troutdale Energy Center LLC	IPP	Troutdale Energy Center	OR	58396	PLGEN	652.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	11	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	3	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2016	11	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project	CA	58462	1	250.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	58794	American Wind Energy Management Corporation		Sangamon Wind One LLC	IL	58925	SAN1	35.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	12	58794	American Wind Energy Management Corporation		Sangamon Wind Two LLC	IL	58926	SAN2	50.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	12	57003	Arlington Valley Solar Energy LLC	IPP	Arlington Valley Solar Energy I	AZ	57679	AVSE1	125.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	12	56771	Black Hills Service Company LLC	IPP	Pueblo Airport Generating Station	CO	56998	GT3	90.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2016	12	56339	Champlain Wind LLC	IPP	Bowers Wind Project	ME	57088	1	48.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58840	Copenhagen Wind Farm, LLC	IPP	Copenhagen Wind Farm	NY	58979	CPHGN	79.9			WT	(L) Regulatory approvals pending. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Allegany Wind Farm	NY	58779	1	72.5	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Cassadaga Wind Farm	NY	58777	1	125.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Coyote Crest Wind Farm	WA	58778	1	126.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2016	12	58672	Everpower Wind Holdings Inc	IPP	Scioto Ridge Wind Farm	OH	58780	1	300.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	56983	Gibson County Generation LLC	IPP	Gibson County Generation Station	TN	57709	1	371.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	12	58623	Grande Prairie Wind, LLC	IPP	Grande Prairie Wind Farm	NE	58695	1	400.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58695	Heliosage LLC		Fusion Solar Center LLC	CT	58876	PV	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	12	56946	Hidalgo Wind Farm LLC	IPP	Hidalgo Wind Farm LLC	TX	57617	GEN1	150.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	15399	Iberdrola Renewables Inc	IPP	Montague Wind Power Facility LLC	OR	58099	1	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2016	12	56743	K Road Calico Solar, LLC	IPP	K Road Calico Solar	CA	57416	02	388.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	12	49736	Loring Holdings, LLC	Electric CHP	Loring Power Plant	ME	56105	GTG1	37.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction
2016	12	49736	Loring Holdings, LLC	Electric CHP	Loring Power Plant	ME	56105	STG1	18.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction
2016	12	56094	Medicine Bow Fuel & Power LLC	IPP	Medicine Bow Fuel & Power LLC	WY	56452	1	350.0	Coal Integrated Gasification Combined Cycle	BIT	CC	(P) Planned for installation, but regulatory approvals not initiated
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	A	125.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	B	125.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	C	125.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	58371	NextEra Blythe Solar Energy Center, LLC	IPP	Blythe Solar Power Project	CA	57273	D	110.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	56676	PV2 Energy, LLC	IPP	Panoche Valley Solar Farm	CA	57340	1	399.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction
2016	12	4202	Phillips 66-Ponca City Refinery	Industrial	Ponca City Refinery	OK	52188	G1A	3.0	Other Gases	OG	ST	(P) Planned for installation, but regulatory approvals not initiated
2016	12	56424	Quilt Block Wind Farm LLC	IPP	Quilt Block Wind Farm LLC	WI	57116	GEN 1	99.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2016	12	58579	Silverado Power	IPP	Western Antelope Dry Ranch	CA	58627	WADR	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction
2016	12	19316	Two Elk Generation Partners LP	IPP	Two Elk Generating Station	WY	55360	GEN1	275.0	Conventional Steam Coal	WC	ST	(U) Under construction, less than or equal to 50 percent complete
2017	1	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	CT1	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	1	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	CT2	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT1	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT2	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2017	1	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT3	8.7	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction
2017	1	18454	Tampa Electric Co	Electric Utility	Polk	FL	7242	9	459.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2017	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2017	3	17539	South Carolina Electric&Gas Co	Electric Utility	V C Summer	SC	6127	2	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2017	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	2	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2017	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	3	156.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2017	4	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507	4	390.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2017	4	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	CC1	646.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2017	5	5701	El Paso Electric Co	Electric Utility	Montana Power Station	TX	58562	GT-4	100.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction
2017	6	7277	Calpine Corporation	IPP	Wild Horse Power Plant	CA	57181	1	40.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2017	7	58758	CPV Smyth Generation Company LLC		CPV Smyth Generation Company LLC	VA	58878	1	591.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2017	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT1	301.5	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2017	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	CT2	301.5	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status
2017	7	49745	Cash Creek Generating LLC	IPP	Cash Creek	KY	56107	ST	187.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2017	7	4716	Dairyland Power Coop	Electric Utility	Elk Mound	WI	7863	3	35.5	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2017	7	4716	Dairyland Power Coop	Electric Utility	Elk Mound	WI	7863	4	35.5	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2017	7	58762	Sargas Texas, LLC		Stargate Point Comfort	TX	58895	STAR1	232.0	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction
2017	8	58768	Pondera Development LLC		CPV Pondera King Energy Center	TX	58910	CC	800.0	Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2017	9	7277	Calpine Corporation	IPP	Buckeye Geothermal Power Plant	CA	57180	1	49.9	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp		Icebreaker Offshore Wind Farm	OH	58941	WTG1	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp		Icebreaker Offshore Wind Farm	OH	58941	WTG2	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp		Icebreaker Offshore Wind Farm	OH	58941	WTG3	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp		Icebreaker Offshore Wind Farm	OH	58941	WTG4	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp		Icebreaker Offshore Wind Farm	OH	58941	WTG5	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	9	58804	Lake Erie Energy Development Corp		Icebreaker Offshore Wind Farm	OH	58941	WTG6	3.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	11	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	4	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT3	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	12	2087	Bowie Power Station LLC	IPP	Bowie Power Station LLC	AZ	55780	CT4	172.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2017	12	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	ST1	181.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2017	12	2087	Bowie Power Station LLC	Electric CHP	Bowie Power Station LLC	AZ	55780	ST2	181.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2017	12	11208	Los Angeles Department of Water & Power	Electric Utility	Southern Owens Valley Solar Ranch	CA	57304	1	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated
2017	12	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2017	12	56949	Paulding Wind Farm LLC	IPP	Paulding Wind Farm LLC	OH	57611	GEN1	49.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction
2017	12	56061	Reedsport OPT Wave Park LLC	IPP	Reedsport OPT Wave Park	OR	56906	1	1.5		WAT	HB	(L) Regulatory approvals pending. Not under construction
2018	1	56794	CE Obsidian Energy LLC	IPP	Black Rock I	CA	57477	G3201	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2018	1	2719	CalWind Resources Inc	IPP	Tehachapi Wind Resource II	CA	54909	PLAN	15.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2018	1	58763	LotusWorks-Summit Ridge I, LLC		Summit Ridge I Wind Farm	OR	58894	SRWF	151.8	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2018	1	54869	WMPI PTY LLC	Industrial	WMPI Pty LLC	PA	56455	1	41.0	Coal Integrated Gasification Combined Cycle	WC	CC	(P) Planned for installation, but regulatory approvals not initiated
2018	3	56794	CE Obsidian Energy LLC	IPP	Black Rock II	CA	57478	G3202	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2018	3	58757	Wheelabrator Frederick, LLC		Frederick-Carroll County Renewable Waste to Energy Facility	MD	58875	GEN1	47.0	Municipal Solid Waste	MSW	ST	(T) Regulatory approvals received. Not under construction
2018	4	55927	Power4Georgians LLC	Electric Utility	Plant Washington	GA	56675	MAIN	850.0	Conventional Steam Coal	SUB	ST	(T) Regulatory approvals received. Not under construction
2018	5	56794	CE Obsidian Energy LLC	IPP	Black Rock III	CA	57479	G303	60.0	Geothermal	GEO	ST	(L) Regulatory approvals pending. Not under construction
2018	5	17539	South Carolina Electric&Gas Co	Electric Utility	V C Summer	SC	6127	3	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete
2018	6	54867	Christian County Generation LLC	IPP	Taylorville Energy Center	IL	56454	1	533.0	Coal Integrated Gasification Combined Cycle	SGC	CC	(L) Regulatory approvals pending. Not under construction
2018	7	58798	Shell Chemical Appalachia LLC		Shell Chemical Appalachia LLC	PA	58933	GTG1	81.3	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2018	7	58798	Shell Chemical Appalachia LLC		Shell Chemical Appalachia LLC	PA	58933	GTG2	81.3	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated
2018	7	58798	Shell Chemical Appalachia LLC		Shell Chemical Appalachia LLC	PA	58933	STG1	102.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated
2018	10	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	3A	122.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated
2018	12	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	02B	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2018	12	56771	Black Hills Service Company LLC	IPP	Cheyenne Prairie Generating Station	WY	57703	03A	40.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2018	12	58722	Jordan Cove Energy Project LP		South Dunes Power Plant	OR	58841	CT-1	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP		South Dunes Power Plant	OR	58841	CT-2	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP		South Dunes Power Plant	OR	58841	CT-3	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP		South Dunes Power Plant	OR	58841	CT-4	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP		South Dunes Power Plant	OR	58841	CT-5	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP		South Dunes Power Plant	OR	58841	CT-6	47.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP		South Dunes Power Plant	OR	58841	ST-1	50.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2018	12	58722	Jordan Cove Energy Project LP		South Dunes Power Plant	OR	58841	ST-2	50.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction
2019	4	15473	Public Service Co of NM	Electric Utility	La Luz Energy Center	NM	58284	0002	40.2	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2019	5	18454	Tampa Electric Co	Electric Utility	Tampa Electric Co NA 2	FL	56352	1	149.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2019	12	56947	Antelope Ridge Wind Power LLC	IPP	Antelope Ridge Wind Power	OR	57615	GEN1	300.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction
2019	12	14354	PacifiCorp	Electric Utility	Blundell	UT	299	3	35.0	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2020	5	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT5	46.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2020	12	7277	Calpine Corporation	IPP	Four Mile Hill	CA	55845	1	49.9	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2020	12	7277	Calpine Corporation	IPP	Telephone Flat	CA	55846	1	49.9	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	8		Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	9		Other Natural Gas	NG	CC	(P) Planned for installation, but regulatory approvals not initiated
2020	12	56935	Number Nine Wind Farm LLC	IPP	Number Nine Wind Farm	ME	57612	GEN1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2021	6	6455	Duke Energy Florida, Inc	Electric Utility	Levy Nuclear Plant	FL	57894	LNP1	1,092.0	Nuclear	NUC	ST	(L) Regulatory approvals pending. Not under construction
2022	1	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS1	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated
2022	12	56943	Blackstone Wind Farm III LLC	IPP	Blackstone Wind Farm III	IL	57618	GEN1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2022	12	56944	Blackstone Wind Farm IV LLC	IPP	Blackstone Wind Farm IV	IL	57619	GEN1	100.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2022	12	6455	Duke Energy Florida, Inc	Electric Utility	Levy Nuclear Plant	FL	57894	LNP2	1,092.0	Nuclear	NUC	ST	(L) Regulatory approvals pending. Not under construction
2022	12	56425	Simpson Ridge Wind Farm LLC	IPP	Simpson Ridge Wind Farm LLC	WY	57117	GEN 1	200.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated
2023	1	16572	Salt River Project	Electric Utility	Copper Crossing Gen Station	AZ	58413	CCGS2	91.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated

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

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2014	4	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Lake Shore	OH	2838	18	245.0	Conventional Steam Coal	SUB	ST
2014	5	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	1	113.0	Conventional Steam Coal	BIT	ST
2014	6	4161	Constellation Power Source Gen	IPP	Riverside	MD	1559	GT6	115.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	6	58793	Missouri University of Science and Technology		Missouri S&T - Power Plant	MO	58923	1000	1.0	Petroleum Liquids	DFO	IC
2014	6	58793	Missouri University of Science and Technology		Missouri S&T - Power Plant	MO	58923	500K	0.2	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	1	79.7	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	2	78.0	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	3	149.8	Conventional Steam Coal	BIT	ST
2014	6	57501	NAES Salem Harbor	IPP	Salem Harbor	MA	1626	4	436.8	Petroleum Liquids	RFO	ST
2014	6	17235	NRG REMA LLC	IPP	Portland	PA	3113	1	141.0	Conventional Steam Coal	BIT	ST
2014	6	17235	NRG REMA LLC	IPP	Portland	PA	3113	2	194.0	Conventional Steam Coal	BIT	ST
2014	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	1	111.0	Conventional Steam Coal	BIT	ST
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN1	14.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN2	12.0	Natural Gas Fired Combined Cycle	NG	CT
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN4	10.0	Other Gases	OG	CA
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN5	10.0	Other Gases	OG	CA
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN6	10.0	Other Gases	OG	CA
2014	7	50163	Valero Energy Corporation	Industrial	Valero Energy Port Arthur Refinery	TX	52108	GEN7	10.0	Other Gases	OG	CA
2014	8	12986	Morton Salt Inc	Industrial	Morton Salt Rittman	OH	54335	GEN1	1.5	Conventional Steam Coal	BIT	ST
2014	9	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	1	132.0	Conventional Steam Coal	SUB	ST
2014	9	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	2	132.0	Conventional Steam Coal	SUB	ST
2014	9	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	3	132.0	Conventional Steam Coal	SUB	ST
2014	9	54842	WM Renewable Energy LLC	IPP	New Milford Gas Recovery	CT	50564	GEN4	0.8	Landfill Gas	LFG	IC
2014	12	57209	Apogee Technology Inc	Industrial	Apogee Technology Inc	PA	10159	GEN1	0.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	6	45.0	Other Natural Gas	NG	ST
2014	12	5956	Entergy Nuclear Vermont Yankee	IPP	Vermont Yankee	VT	3751	1	604.3	Nuclear	NUC	ST
2014	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA1	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2014	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	1	100.0	Conventional Steam Coal	BIT	ST
2014	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	2	100.0	Conventional Steam Coal	BIT	ST
2014	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	3	98.0	Conventional Steam Coal	BIT	ST
2014	12	13781	Northern States Power Co - Minnesota	Electric Utility	Alliant Techsystems	MN	7376	1	1.6	Petroleum Liquids	DFO	IC
2014	12	15466	Public Service Co of Colorado	Electric Utility	Zuni	CO	478	2	60.0	Other Natural Gas	NG	ST
2014	12	17166	Sierra Pacific Power Co	Electric Utility	Tracy	NV	2336	ST1	53.0	Other Natural Gas	NG	ST
2014	12	17166	Sierra Pacific Power Co	Electric Utility	Tracy	NV	2336	ST2	83.0	Other Natural Gas	NG	ST
2014	12	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN2	2.9	Landfill Gas	LFG	GT
2014	12	54843	WM Illinois Renewable Energy LLC	IPP	Lake Gas Recovery	IL	50575	GEN3	2.9	Landfill Gas	LFG	GT
2014	12	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN1	0.8	Landfill Gas	LFG	IC
2014	12	54842	WM Renewable Energy LLC	IPP	BJ Gas Recovery	GA	54392	GEN3	0.8	Landfill Gas	LFG	IC
2015		58544	Sierra Nevada Brewing Co	Industrial	Sierra Nevada Brewing Co	CA	58585	FCE	1.0	Other Natural Gas	NG	FC
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	3	156.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	ST1	111.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	ST2	111.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Chesapeake	VA	3803	ST4	217.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	1	159.0	Conventional Steam Coal	BIT	ST
2015	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	2	164.0	Conventional Steam Coal	BIT	ST
2015	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT1	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	3	54842	WM Renewable Energy LLC	IPP	Monroe Livingston Gas Recovery	NY	50565	GEN2	0.8	Landfill Gas	LFG	IC
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	2	85.0	Conventional Steam Coal	BIT	ST
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	3	85.0	Conventional Steam Coal	BIT	ST
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	4	85.0	Conventional Steam Coal	BIT	ST
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	5	95.0	Conventional Steam Coal	BIT	ST
2015	4	15470	Duke Energy Indiana Inc	Electric Utility	Wabash River	IN	1010	6	318.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	2	94.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	3	128.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	4	150.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	5	238.0	Conventional Steam Coal	BIT	ST
2015	4	3542	Duke Energy Ohio Inc	Electric Utility	Walter C Beckjord	OH	2830	6	414.0	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	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	3	509.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	4	507.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	McManus	GA	715	1	43.0	Petroleum Liquids	RFO	ST
2015	4	7140	Georgia Power Co	Electric Utility	McManus	GA	715	2	79.0	Petroleum Liquids	RFO	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	1	97.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	2	103.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	3	111.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	4	133.0	Conventional Steam Coal	BIT	ST
2015	4	7140	Georgia Power Co	Electric Utility	Yates	GA	728	5	135.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	1	46.0	Conventional Steam Coal	BIT	ST
2015	4	7801	Gulf Power Co	Electric Utility	Scholz	FL	642	2	46.0	Conventional Steam Coal	BIT	ST
2015	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	3	68.0	Conventional Steam Coal	BIT	ST
2015	4	10171	Kentucky Utilities Co	Electric Utility	Green River	KY	1357	4	95.0	Conventional Steam Coal	BIT	ST
2015	4	12647	Minnesota Power Inc	Electric Utility	Taconite Harbor Energy Center	MN	10075	GEN3	83.6	Conventional Steam Coal	SUB	ST
2015	4	14165	NRG Power Midwest LP	IPP	New Castle Plant	PA	3138	EMDA	2.5	Petroleum Liquids	DFO	IC
2015	4	14165	NRG Power Midwest LP	IPP	New Castle Plant	PA	3138	EMDB	2.5	Petroleum Liquids	DFO	IC
2015	4	17235	NRG REMA LLC	IPP	Shawville	PA	3131	1	118.0	Conventional Steam Coal	BIT	ST
2015	4	17235	NRG REMA LLC	IPP	Shawville	PA	3131	2	121.0	Conventional Steam Coal	BIT	ST
2015	4	17235	NRG REMA LLC	IPP	Shawville	PA	3131	3	163.0	Conventional Steam Coal	BIT	ST
2015	4	17235	NRG REMA LLC	IPP	Shawville	PA	3131	4	163.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	1	67.0	Conventional Steam Coal	BIT	ST
2015	4	14354	PacifiCorp	Electric Utility	Carbon	UT	3644	2	105.0	Conventional Steam Coal	BIT	ST
2015	5	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	46.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	122	48.2	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	123	46.2	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	124	46.6	Natural Gas Fired Combustion Turbine	NG	GT
2015	5	15147	PSEG Fossil LLC	IPP	PSEG Kearny Generating Station	NJ	2404	9	21.9	Natural Gas Fired Combustion Turbine	NG	GT
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

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	4	205.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Muskingum River	OH	2872	5	585.0	Conventional Steam Coal	BIT	ST
2015	6	58620	AEP Generation Resources Inc	Electric Utility	Picway	OH	2843	5	95.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Clinch River	VA	3775	3	230.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	5	90.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Glen Lyn	VA	3776	6	235.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	1	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Kanawha River	WV	3936	2	200.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	3	145.0	Conventional Steam Coal	BIT	ST
2015	6	733	Appalachian Power Co	Electric Utility	Philip Sporn	WV	3938	4	145.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	1	58.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	2	55.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	3	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	5	63.0	Conventional Steam Coal	BIT	ST
2015	6	4922	Dayton Power & Light Co	Electric Utility	O H Hutchings	OH	2848	6	63.0	Conventional Steam Coal	BIT	ST
2015	6	3542	Duke Energy Ohio Inc	Electric Utility	Miami Fort	OH	2832	6	163.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	1	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	2	145.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	3	200.0	Conventional Steam Coal	BIT	ST
2015	6	9324	Indiana Michigan Power Co	Electric Utility	Tanners Creek	IN	988	4	500.0	Conventional Steam Coal	BIT	ST
2015	6	22053	Kentucky Power Co	Electric Utility	Big Sandy	KY	1353	1	260.0	Conventional Steam Coal	BIT	ST
2015	6	22053	Kentucky Power Co	Electric Utility	Big Sandy	KY	1353	2	800.0	Conventional Steam Coal	BIT	ST
2015	6	15147	PSEG Fossil LLC	IPP	Bergen Generating Station	NJ	2398	3	21.3	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	111	47.8	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	112	46.4	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	113	46.1	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	114	42.2	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	8	22.7	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	91	46.6	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	92	47.3	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	93	46.8	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Burlington Generating Station	NJ	2399	94	46.0	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	11	43.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	12	43.4	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	42.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	21	43.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	22	42.1	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	23	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	24	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	31	43.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	32	43.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	33	43.8	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Edison Generating Station	NJ	2400	34	43.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	101	42.4	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	102	42.9	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	103	42.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	104	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	111	46.9	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	112	47.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	113	46.7	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Essex Generating Station	NJ	2401	114	46.8	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Linden Generating Station	NJ	2406	3	21.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Mercer Generating Station	NJ	2408	3	115.7	Petroleum Liquids	DFO	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG National Park Generating Station	NJ	2409	1	21.1	Petroleum Liquids	KER	GT
2015	6	15147	PSEG Fossil LLC	IPP	PSEG Sewaren Generating Station	NJ	2411	6	107.6	Petroleum Liquids	KER	GT
2015	6	15478	PSEG Nuclear LLC	IPP	PSEG Salem Generating Station	NJ	2410	3	39.7	Petroleum Liquids	DFO	GT
2015	6	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	9	103.8	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	1	0.9	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	2	0.9	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	1	1.6	Conventional Hydroelectric	WAT	HY
2015	6	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	2	1.6	Conventional Hydroelectric	WAT	HY
2015	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	4	111.0	Conventional Steam Coal	BIT	ST
2015	7	18642	Tennessee Valley Authority	Electric Utility	Widows Creek	AL	50	6	111.0	Conventional Steam Coal	BIT	ST
2015	8	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	8	103.8	Conventional Hydroelectric	WAT	HY
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC1	2.0	Petroleum Liquids	DFO	IC
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC2	2.0	Petroleum Liquids	DFO	IC
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC3	2.0	Petroleum Liquids	DFO	IC
2015	9	55768	RC Cape May Holdings LLC	IPP	B L England	NJ	2378	IC4	2.0	Petroleum Liquids	DFO	IC
2015	10	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	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	7	23.2	Other Natural Gas	NG	ST
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	1	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	2	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	3	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	4	0.5	Other Waste Biomass	OBG	IC
2015	10	18483	Tampa Wastewater Department	Commercial	Howard F Curren Advncd Wastewater Plant	FL	54347	5	0.5	Other Waste Biomass	OBG	IC
2015	11	52	ACE Cogeneration Co	Electric CHP	ACE Cogeneration Facility	CA	10002	GEN1	101.2	Conventional Steam Coal	BIT	ST
2015	12	195	Alabama Power Co	Electric Utility	Holt Dam	AL	12	1	45.0	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	ALBA	0.3	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	ALBD	0.4	Conventional Hydroelectric	WAT	HY
2015	12	8776	City of Holyoke Gas and Electric Dept.	Electric Utility	Harris Energy Realty	MA	54981	NONO	0.5	Conventional Hydroelectric	WAT	HY
2015	12	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN7	95.0	Natural Gas Fired Combined Cycle	NG	CT
2015	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	2	76.0	Other Natural Gas	NG	ST
2015	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	3	445.0	Other Natural Gas	NG	ST
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	El Cajon	CA	301	ENCI	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA2	59.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Kearny	CA	303	KEA3	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13960	NRG Cabrillo Power Ops Inc	IPP	Miramar	CA	305	MRGT	36.0	Natural Gas Fired Combustion Turbine	NG	GT
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	3	79.0	Conventional Steam Coal	SUB	ST
2015	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	4	153.0	Conventional Steam Coal	SUB	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN1	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN2	1.6	Other Natural Gas	NG	ST
2015	12	14030	Oklahoma State University	Commercial	Oklahoma State University	OK	54779	GEN4	5.2	Other Natural Gas	NG	ST
2015	12	14795	Perdue Agribusiness	Industrial	Oilseed Plant	VA	10515	GEN1	1.6	Conventional Steam Coal	BIT	ST
2015	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	3	152.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	1	6.6	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	2	7.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	3	20.0	Conventional Steam Coal	BIT	ST
2015	12	16181	Rochester Public Utilities	Electric Utility	Silver Lake	MN	2008	4	46.4	Conventional Steam Coal	BIT	ST
2015	12	57302	Sonoco Products Co	Industrial	Sonoco Products Co	SC	57919	2	2.5	Other Natural Gas	NG	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	3	176.0	Conventional Steam Coal	BIT	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	John Sevier	TN	3405	4	176.0	Conventional Steam Coal	BIT	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	10	141.0	Conventional Steam Coal	SUB	ST
2015	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	5	107.0	Conventional Steam Coal	SUB	ST

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2015	12	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	69.9	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Coal Refining Facility	WI	4054	1	107.4	Conventional Steam Coal	SUB	ST
2015	12	20856	Wisconsin Power & Light Co	Electric Utility	Nelson Dewey Coal Refining Facility	WI	4054	2	105.0	Conventional Steam Coal	SUB	ST
2016	1	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	9	12.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	1	10000	Kansas City Power & Light Co	Electric Utility	Montrose	MO	2080	1	170.0	Conventional Steam Coal	SUB	ST
2016	1	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	4	155.0	Conventional Steam Coal	BIT	ST
2016	1	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	5	168.0	Conventional Steam Coal	BIT	ST
2016	1	11249	Louisville Gas & Electric Co	Electric Utility	Cane Run	KY	1363	6	240.0	Conventional Steam Coal	BIT	ST
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	1	370.0	Conventional Steam Coal	BIT	ST
2016	3	6455	Duke Energy Florida, Inc	Electric Utility	Crystal River	FL	628	2	499.0	Conventional Steam Coal	BIT	ST
2016	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	1	100.0	Conventional Steam Coal	BIT	ST
2016	4	5416	Duke Energy Carolinas, LLC	Electric Utility	W S Lee	SC	3264	2	100.0	Conventional Steam Coal	BIT	ST
2016	4	7140	Georgia Power Co	Electric Utility	Harllee Branch	GA	709	1	266.0	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	12341	MidAmerican Energy Co	Electric Utility	George Neal North	IA	1091	1	134.3	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	1	37.4	Conventional Steam Coal	SUB	ST
2016	4	12341	MidAmerican Energy Co	Electric Utility	Walter Scott Jr Energy Center	IA	1082	2	80.8	Conventional Steam Coal	SUB	ST
2016	4	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4	103.8	Conventional Hydroelectric	WAT	HY
2016	4	15474	Public Service Co of Oklahoma	Electric Utility	Northeastern	OK	2963	4	460.0	Conventional Steam Coal	SUB	ST
2016	4	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	2	528.0	Conventional Steam Coal	SUB	ST
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Avon Park	FL	624	P2	24.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P1	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	G E Turner	FL	629	P2	10.0	Petroleum Liquids	DFO	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P1	20.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P2	25.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P3	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Higgins	FL	630	P4	30.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	5	6455	Duke Energy Florida, Inc	Electric Utility	Rio Pinar	FL	637	P1	12.0	Petroleum Liquids	DFO	GT
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	2	39.0	Petroleum Liquids	DFO	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	3	40.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	4	56.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	5	62.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	6	99.0	Conventional Steam Coal	BIT	ST
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	IC1	3.0	Petroleum Liquids	DFO	IC
2016	5	9273	Indianapolis Power & Light Co	Electric Utility	Eagle Valley	IN	991	ST1	39.0	Petroleum Liquids	DFO	ST
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	7	38.0	Conventional Steam Coal	SUB	ST
2016	6	5860	Empire District Electric Co	Electric Utility	Riverton	KS	1239	8	54.0	Conventional Steam Coal	SUB	ST
2016	6	15452	PSEG Power Connecticut LLC	IPP	Bridgeport Station	CT	568	4	16.0	Petroleum Liquids	KER	GT
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	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	6	103.0	Conventional Steam Coal	BIT	ST
2016	12	49756	Illinois Power Resources Generating LLC	Electric Utility	E D Edwards	IL	856	1	95.0	Conventional Steam Coal	SUB	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT1	14.4	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT2	13.7	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT3	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Burlington	IA	1104	GT4	14.8	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	1	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	2	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	3	1.8	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT1	24.4	Petroleum Liquids	DFO	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Centerville	IA	1105	GT2	25.1	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	2.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Dubuque	IA	1046	IC2	1.6	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	1	12.7	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Fox Lake	MN	1888	3	76.6	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	1	25.9	Natural Gas Fired Combustion Turbine	NG	GT
2016	12	9417	Interstate Power and Light Co	Electric Utility	Grinnell	IA	7137	2	20.4	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	0.0	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Lansing	IA	1047	IC1	1.2	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Lansing	IA	1047	IC2	1.1	Petroleum Liquids	DFO	IC
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	1	28.3	Other Natural Gas	NG	ST
2016	12	9417	Interstate Power and Light Co	Electric Utility	Sutherland	IA	1077	3	78.7	Other Natural Gas	NG	ST
2017	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	1	47.7	Conventional Steam Coal	SUB	ST
2017	1	56211	KCP&L Greater Missouri Operations Co	Electric Utility	Sibley	MO	2094	2	50.6	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	5	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	6	55.0	Conventional Steam Coal	BIT	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	7	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	8	78.0	Conventional Steam Coal	SUB	ST
2017	1	20847	Wisconsin Electric Power Co	Electric Utility	Presque Isle	MI	1769	9	78.0	Conventional Steam Coal	SUB	ST
2017	2	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	6	103.8	Conventional Hydroelectric	WAT	HY
2017	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	GT2	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	1	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	2	8.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	3	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	10	13781	Northern States Power Co - Minnesota	Electric Utility	Key City	MN	1914	4	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	45	0.3	Other Natural Gas	NG	FC
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	47	0.3	Other Natural Gas	NG	FC
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	50	0.3	Other Natural Gas	NG	FC
2017	11	56929	Alliance Star Energy LLC	Commercial	Sheraton SD East Tower	CA	57592	51	0.3	Other Natural Gas	NG	FC
2017	12	195	Alabama Power Co	Electric Utility	Gorgas	AL	8	7	104.0	Conventional Steam Coal	BIT	ST
2017	12	463	Ameresco LFG I Inc	IPP	Al Turi	NY	10549	3010	0.8	Landfill Gas	LFG	IC
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	4	83.0	Natural Gas Fired Combined Cycle	NG	CA
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT1	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT2	72.0	Natural Gas Fired Combined Cycle	NG	CT
2017	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	7	46.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	2	104.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	3	110.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	4	300.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	5	330.0	Other Natural Gas	NG	ST
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2017	12	13960	NRG Cabrillo Power Ops Inc	IPP	Encina	CA	302	ST1	106.0	Other Natural Gas	NG	ST
2017	12	13407	Nevada Power Co	Electric Utility	Reid Gardner	NV	2324	4	255.0	Conventional Steam Coal	BIT	ST
2017	12	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	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	2	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
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	30.0	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	9	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	GT2	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2018	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	1	113.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	1	76.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	2	76.0	Other Natural Gas	NG	ST
2018	12	12686	Mississippi Power Co	Electric Utility	Jack Watson	MS	2049	3	107.0	Other Natural Gas	NG	ST
2018	12	17539	South Carolina Electric&Gas Co	Electric Utility	McMeekin	SC	3287	1	125.0	Conventional Steam Coal	BIT	ST
2018	12	17539	South Carolina Electric&Gas Co	Electric Utility	McMeekin	SC	3287	2	125.0	Conventional Steam Coal	BIT	ST
2019	1	17166	Sierra Pacific Power Co	Electric Utility	Gabbs	NV	6514	1	2.7	Petroleum Liquids	DFO	IC
2019	1	17166	Sierra Pacific Power Co	Electric Utility	Gabbs	NV	6514	2	2.7	Petroleum Liquids	DFO	IC
2019	5	6909	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	GT3	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	1	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	2	2.0	Petroleum Liquids	DFO	IC
2019	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	3	2.0	Petroleum Liquids	DFO	IC
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	1	138.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Barry	AL	3	2	137.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	1	64.0	Conventional Steam Coal	BIT	ST
2019	12	195	Alabama Power Co	Electric Utility	Gadsden	AL	7	2	66.0	Conventional Steam Coal	BIT	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	1	74.0	Other Natural Gas	NG	ST
2019	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	102.0	Other Natural Gas	NG	ST
2019	12	55951	Exelon Nuclear	IPP	Oyster Creek	NJ	2388	1	614.5	Nuclear	NUC	ST
2020	1	21622	The University of Texas at Dallas	Commercial	University of Texas at Dallas	TX	54607	GEN1	3.5	Other Natural Gas	NG	IC
2020	3	18445	City of Tallahassee - (FL)	Electric Utility	Arvah B Hopkins	FL	688	1	76.0	Other Natural Gas	NG	ST
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL00	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL01	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL02	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL03	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL04	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL05	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL06	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL07	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL08	0.1	Other Waste Biomass	OBG	FC
2020	11	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL09	0.1	Other Waste Biomass	OBG	FC
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	1	174.0	Other Natural Gas	NG	ST
2020	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	2	177.0	Other Natural Gas	NG	ST
2020	12	15248	Portland General Electric Co	Electric Utility	Boardman	OR	6106	1	585.0	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	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	2	113.0	Other Natural Gas	NG	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweatt	MS	2048	1	46.0	Other Natural Gas	NG	ST
2021	12	12686	Mississippi Power Co	Electric Utility	Sweatt	MS	2048	2	46.0	Other Natural Gas	NG	ST
2021	12	17166	Sierra Pacific Power Co	Electric Utility	North Valmy	NV	8224	1	254.0	Conventional Steam Coal	BIT	ST
2022	8	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	1	75.0	Other Natural Gas	NG	ST
2031	12	58590	SEDC Jersey Gardens Owner LLC	IPP	Jersey Gardens Phase 1	NJ	58653	1	1.7	Solar Photovoltaic	SUN	PV
2032	2	58591	CF Jersey Gardens Owner Two LLC	IPP	Jersey Gardens Phase 2	NJ	58654	1	2.3	Solar Photovoltaic	SUN	PV

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

Table 6.7.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels, January 2008-March 2014

	Coal	Natural Gas				Petroleum		
Period		Natural Gas Fired Combined Cycle	Natural Gas Fired Combustion Turbine	Steam Turbine	Internal Combustion Engine	Steam Turbine	Petroleum Liquids Fired Combustion Turbine	Internal Combustion Engine
Annual Factors								
2008	73.4%	40.1%	5.2%	12.4%	4.8%	15.6%	1.5%	2.2%
2009	65.1%	39.8%	4.5%	11.2%	4.8%	14.5%	1.6%	2.3%
2010	67.9%	43.8%	5.2%	11.4%	4.8%	13.5%	1.9%	2.0%
2011	63.7%	43.6%	5.1%	12.4%	7.3%	12.0%	1.2%	2.2%
2012	56.7%	51.1%	6.0%	12.8%	5.5%	12.8%	1.2%	2.0%
2013	59.7%	46.5%	4.1%	10.7%	21.5%	11.7%	0.9%	6.7%
2012								
January	56.9%	48.4%	3.3%	6.2%	5.3%	9.8%	0.6%	2.2%
February	53.8%	51.7%	3.4%	6.9%	5.3%	8.7%	0.5%	1.8%
March	46.5%	46.5%	4.4%	9.6%	5.5%	11.0%	0.8%	2.0%
April	44.1%	46.2%	6.3%	15.3%	6.0%	13.5%	1.0%	2.1%
May	51.5%	51.0%	7.4%	15.2%	5.3%	14.4%	1.5%	2.0%
June	60.1%	57.7%	8.0%	18.0%	6.2%	14.9%	1.5%	1.9%
July	70.6%	64.5%	14.3%	22.3%	6.8%	19.5%	3.0%	2.2%
August	67.2%	63.5%	8.4%	22.5%	6.2%	16.8%	1.9%	2.1%
Sept	57.3%	55.6%	5.8%	13.1%	5.4%	13.7%	1.2%	2.3%
October	53.8%	45.8%	3.5%	9.9%	4.6%	11.9%	0.8%	2.1%
November	58.8%	40.1%	4.0%	8.9%	4.7%	10.6%	0.6%	1.9%
December	58.9%	41.9%	2.9%	6.1%	4.9%	8.6%	0.7%	2.1%
2013								
January	60.8%	44.8%	2.6%	7.2%	14.6%	10.0%	0.4%	5.7%
February	60.7%	45.0%	2.3%	6.6%	16.0%	9.6%	0.3%	4.6%
March	57.4%	42.3%	3.3%	6.7%	21.4%	9.7%	0.2%	5.3%
April	51.4%	38.4%	3.5%	7.6%	25.0%	10.7%	0.7%	8.3%
May	53.1%	39.7%	3.7%	9.7%	19.2%	12.4%	0.8%	5.6%
June	63.7%	49.3%	4.5%	15.1%	25.0%	14.5%	0.9%	5.0%
July	67.9%	56.8%	8.0%	18.6%	29.4%	17.7%	2.3%	8.7%
August	66.4%	58.3%	6.2%	18.0%	32.2%	13.9%	1.1%	9.6%
Sept	61.3%	51.0%	4.9%	14.2%	22.7%	13.3%	1.5%	6.7%
October	54.0%	43.2%	3.2%	8.7%	19.7%	11.6%	0.9%	7.3%
November	56.2%	43.2%	3.2%	7.3%	13.2%	6.8%	0.7%	6.7%
December	63.7%	46.1%	3.5%	8.5%	19.1%	9.8%	0.7%	6.6%
2014								
January	70.6%	45.7%	6.2%	9.4%	16.7%	19.0%	3.6%	7.0%
February	71.2%	41.2%	4.0%	8.6%	22.2%	12.2%	0.8%	6.0%
March	61.2%	38.5%	4.2%	6.8%	16.3%	13.7%	1.1%	5.5%

Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.

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

Table 6.7.B. Capacity Factors for Utility Scale Generators Not Primarily Using Fossil Fuels, January 2008-March 2014

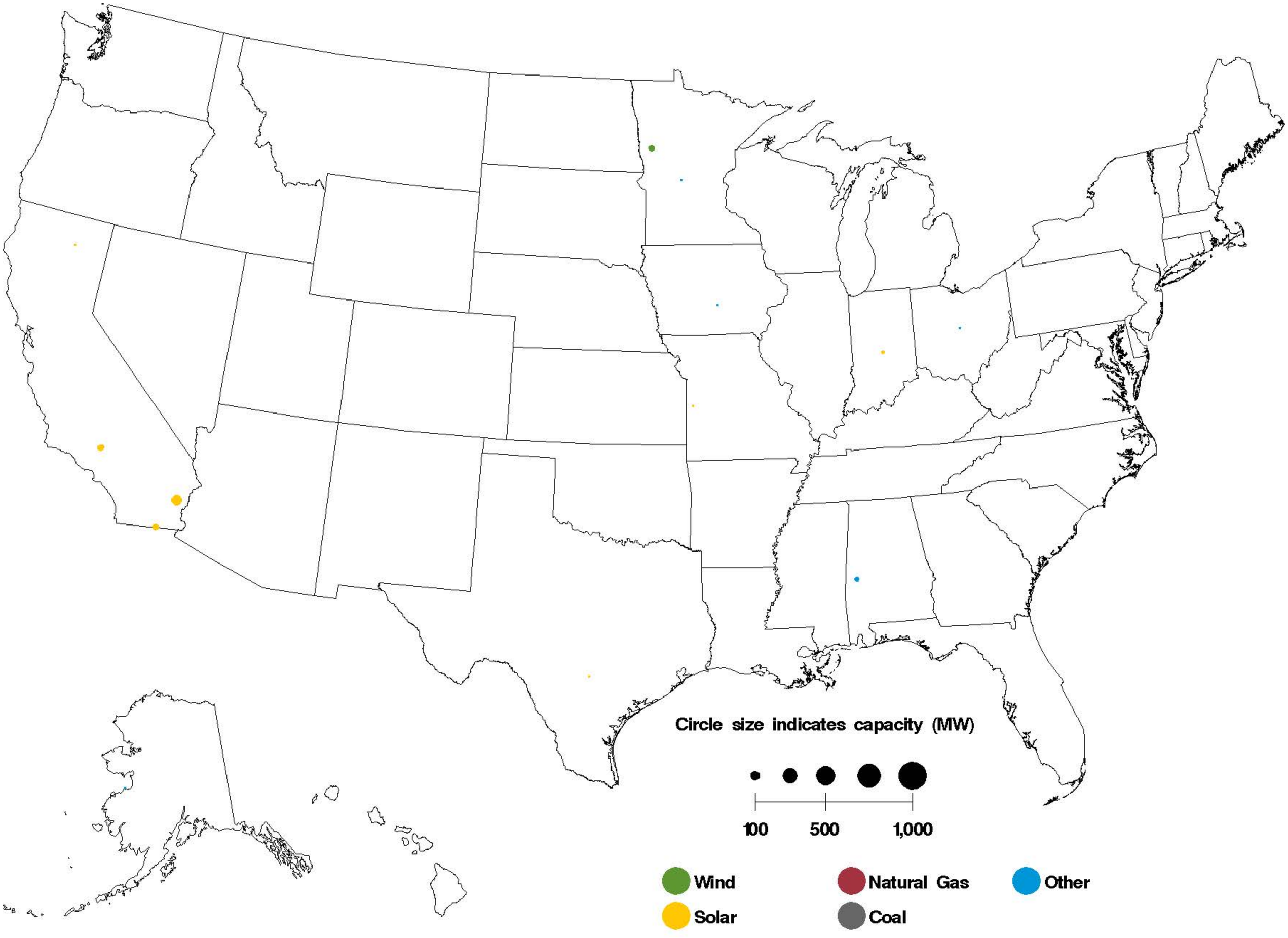
Period	Nuclear	Conventional Hydropower	Wind	Solar Photovoltaic	Solar Thermal	Landfill Gas and Muncipal Solid Waste	Other Biomass Including Wood	Geothermal
Annual Factors								
2008	91.1%	37.2%	31.7%	22.5%	19.5%	69.9%	66.5%	74.7%
2009	90.3%	39.6%	28.1%	20.6%	23.6%	70.2%	62.1%	73.3%
2010	91.1%	37.6%	29.8%	20.3%	24.5%	70.8%	57.8%	71.9%
2011	89.1%	45.9%	32.1%	19.1%	23.9%	70.0%	56.3%	71.8%
2012	86.1%	39.6%	31.8%	20.3%	23.8%	68.0%	57.3%	68.2%
2013	90.1%	38.1%	32.3%	19.4%	17.8%	69.6%	50.8%	66.0%
2012								
January	95.8%	39.0%	39.0%	9.3%	2.5%	65.8%	60.1%	67.4%
February	90.3%	36.6%	33.5%	12.1%	15.1%	66.0%	60.1%	68.2%
March	81.7%	43.8%	39.0%	17.3%	24.2%	65.9%	55.1%	66.9%
April	76.4%	46.0%	36.5%	22.2%	31.1%	66.7%	47.5%	67.6%
May	82.1%	48.5%	34.5%	27.1%	32.3%	68.1%	51.7%	67.7%
June	89.0%	46.7%	33.6%	28.2%	43.7%	69.9%	59.8%	67.6%
July	91.3%	45.0%	23.6%	26.3%	39.8%	70.8%	61.6%	67.7%
August	91.8%	38.9%	22.4%	23.1%	35.2%	68.7%	63.2%	66.8%
Sept	88.0%	30.8%	23.8%	22.8%	34.0%	67.7%	59.4%	68.9%
October	78.8%	27.9%	32.6%	20.3%	16.2%	67.3%	54.1%	68.1%
November	77.3%	32.6%	30.0%	16.5%	7.6%	68.7%	57.1%	70.8%
December	90.5%	38.8%	34.1%	15.9%	3.5%	70.7%	57.7%	70.6%
2013								
January	94.2%	41.9%	33.2%	13.1%	2.8%	65.8%	53.1%	69.1%
February	90.5%	37.4%	34.9%	17.1%	12.2%	64.0%	51.8%	68.5%
March	83.6%	34.2%	35.5%	19.0%	18.2%	69.8%	52.2%	69.0%
April	77.7%	43.0%	40.4%	19.3%	22.3%	69.6%	34.4%	66.1%
May	83.4%	47.8%	36.9%	19.9%	23.0%	73.4%	46.9%	64.7%
June	93.2%	47.3%	32.3%	22.1%	30.3%	74.4%	48.9%	65.0%
July	95.8%	45.2%	25.3%	20.5%	27.3%	73.1%	53.1%	66.0%
August	96.9%	36.0%	21.8%	21.2%	30.1%	70.7%	61.0%	64.9%
Sept	92.3%	29.0%	27.5%	22.4%	25.8%	69.1%	54.2%	66.2%
October	85.8%	28.9%	31.2%	22.8%	16.7%	67.3%	48.9%	67.2%
November	91.2%	30.7%	37.1%	18.4%	9.0%	68.3%	52.8%	61.1%
December	96.7%	35.2%	31.6%	16.6%	6.3%	69.9%	51.5%	65.0%
2014								
January	99.2%	35.6%	40.1%	17.3%	5.4%	63.5%	55.1%	62.8%
February	94.1%	32.1%	34.3%	18.7%	8.2%	61.4%	53.7%	62.2%
March	84.6%	41.4%	39.4%	24.0%	16.0%	69.2%	50.5%	62.4%

Values for 2012 and prior years are final. Values for 2013 and 2014 are preliminary.

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

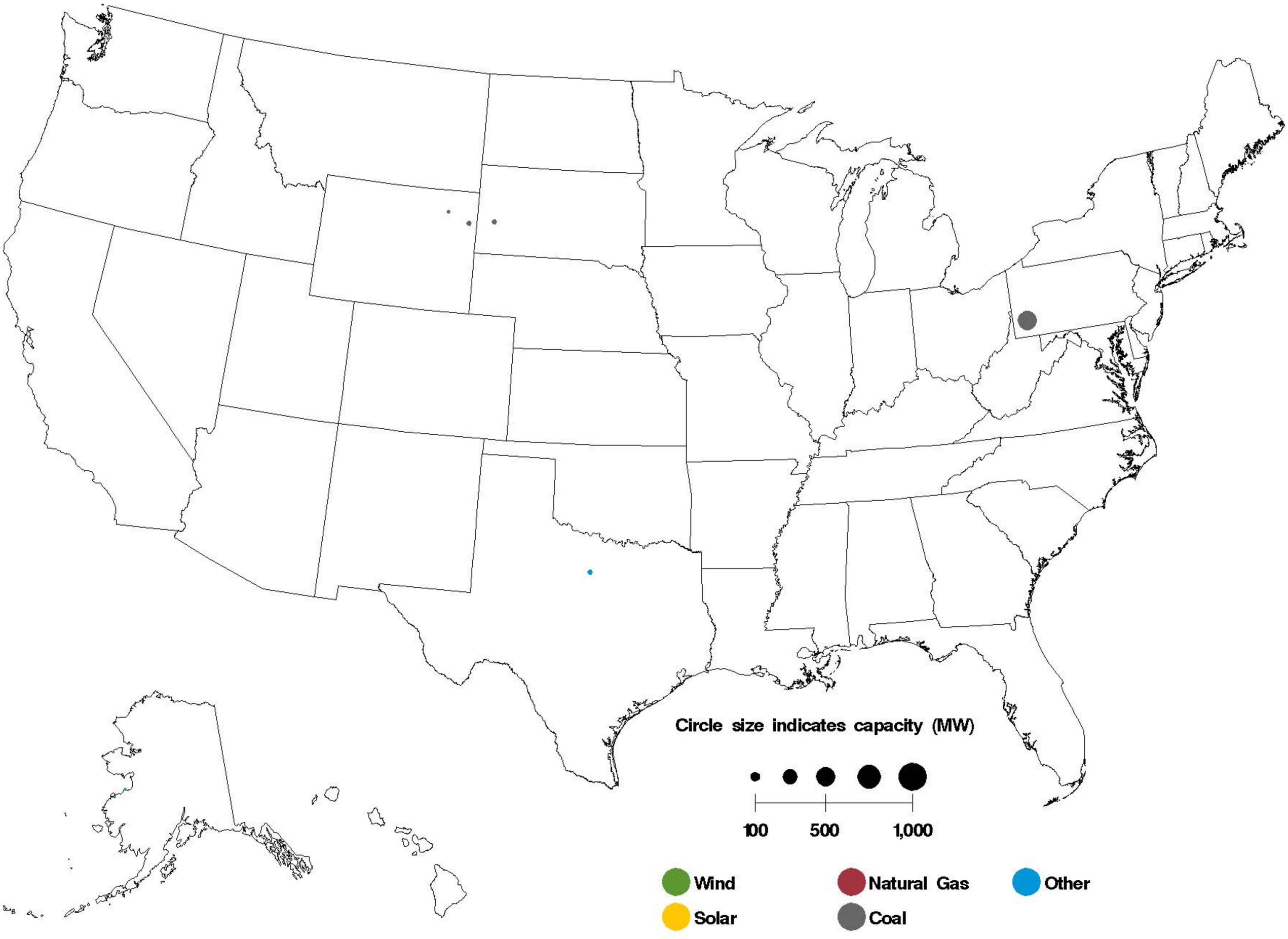
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



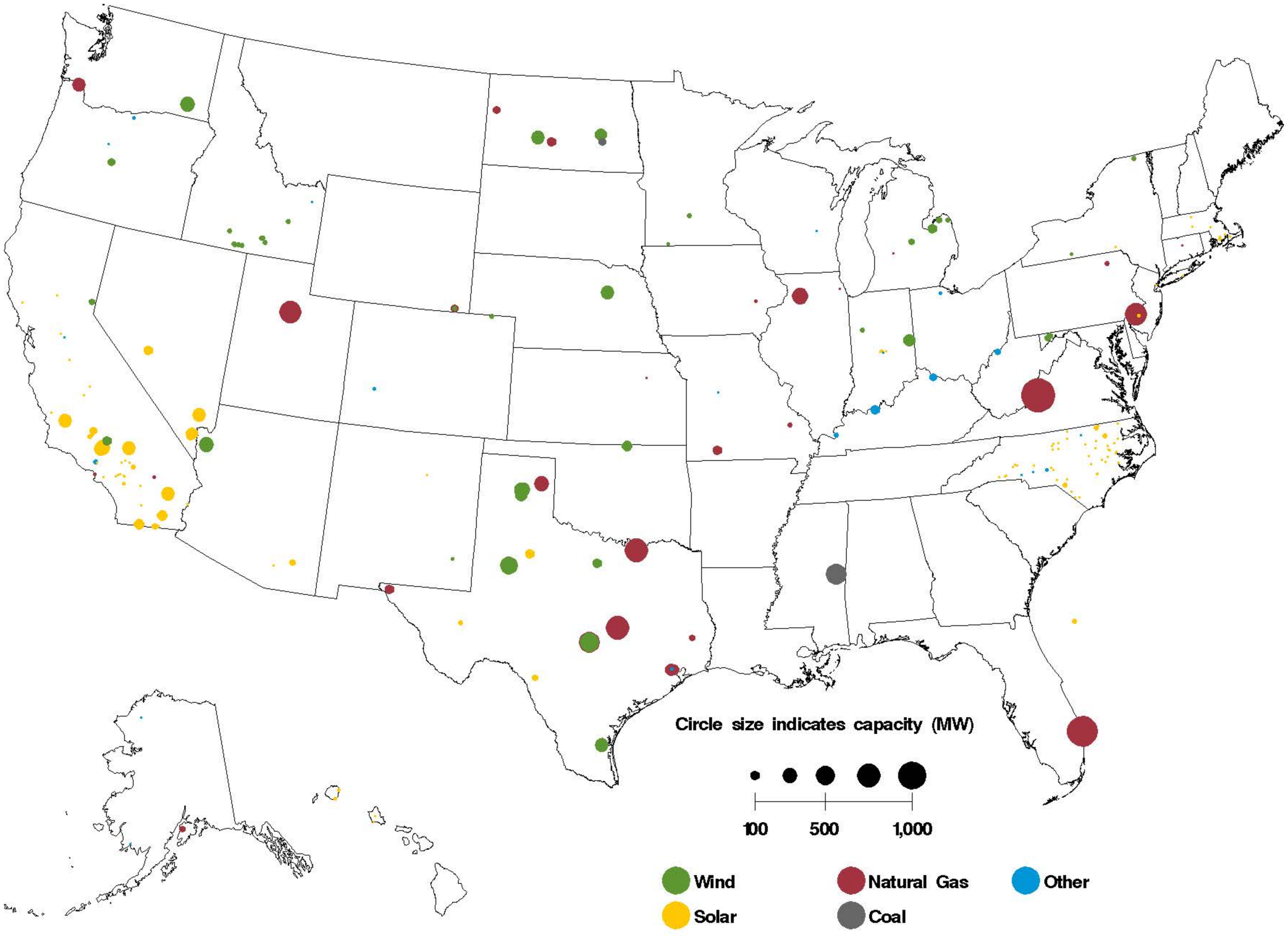
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

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



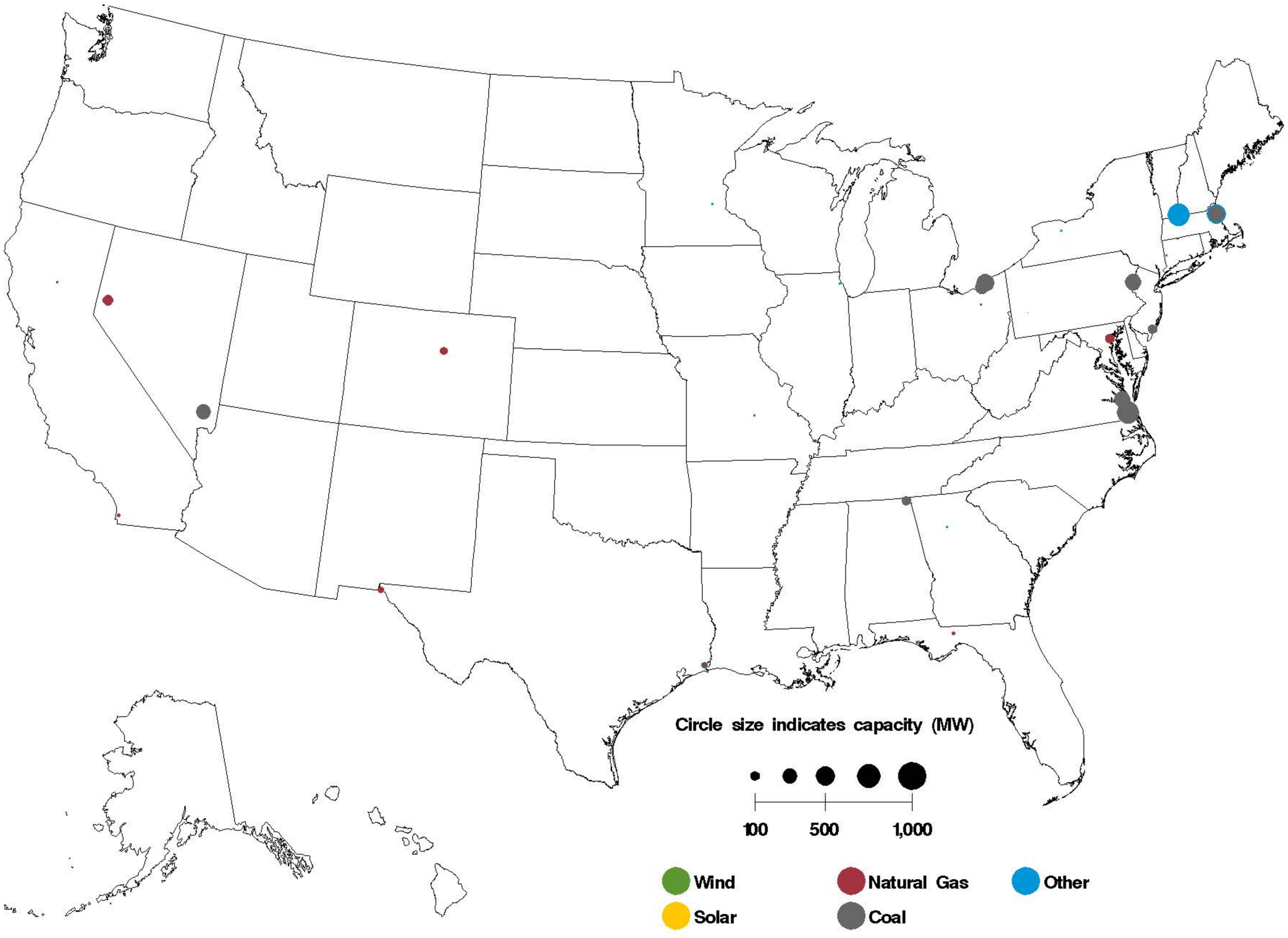
Sources: U.S. Energy Information Administration, Form EIA—860, 'Annual Electric Generator Report' and Form EIA—860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility Scale Generating Units Planned to Come Online from April 2014 to March 2015



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

Figure 6.1.D. Utility Scale Generating Units Planned to Retire from April 2014 to March 2015



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

Table A.1.A. Relative Standard Error (Percent) for Net Generation by Fuel Type: Total (All Sectors) by Census Division and State, March 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**3**	**13**	**0**	**2**	**0**	**0**	**10**
Connecticut	0	15	0	3	0	0	51
Maine	0	8	0	8	0	0	13
Massachusetts	5	29	0	4	0	0	27
New Hampshire	0	25	0	2	0	0	21
Rhode Island	0	45	0	3	0	0	434
Vermont	0	356	0	0	0	0	28
Middle Atlantic	**1**	**16**	**87**	**1**	**29**	**0**	**3**
New Jersey	0	25	166	3	97	0	220
New York	3	17	0	2	0	0	3
Pennsylvania	1	45	100	1	23	0	8
East North Central	**0**	**12**	**5**	**2**	**16**	**0**	**22**
Illinois	0	52	0	10	69	0	56
Indiana	1	53	0	3	17	0	24
Michigan	1	16	21	6	0	0	42
Ohio	1	13	9	1	42	0	36
Wisconsin	1	26	0	6	0	0	37
West North Central	**1**	**16**	**0**	**13**	**198**	**0**	**9**
Iowa	2	60	0	89	0	0	61
Kansas	0	51	0	38	0	0	298
Minnesota	2	18	0	19	0	0	70
Missouri	1	34	0	12	0	0	15
Nebraska	1	17	0	84	0	0	43
North Dakota	2	50	0	658	198	0	0
South Dakota	4	109	0	109	0	0	2
South Atlantic	**0**	**11**	**0**	**0**	**0**	**0**	**5**
Delaware	3	14	0	2	0	0	0
District of Columbia	0	0	0	154	0	0	0
Florida	1	42	0	1	0	0	73
Georgia	0	55	0	1	0	0	11
Maryland	0	20	0	13	0	0	2
North Carolina	1	20	0	1	0	0	8
South Carolina	0	85	0	2	0	0	11
Virginia	3	7	0	0	0	0	19
West Virginia	0	0	0	9	0	0	13
East South Central	**1**	**26**	**0**	**1**	**29**	**0**	**4**
Alabama	1	42	0	2	31	0	4
Kentucky	1	41	0	4	0	0	7
Mississippi	0	303	0	0	0	0	0
Tennessee	0	50	0	7	0	0	7
West South Central	**0**	**9**	**7**	**1**	**4**	**0**	**7**
Arkansas	0	0	0	1	0	0	9
Louisiana	0	1	6	1	4	0	0
Oklahoma	1	13	0	1	0	0	16
Texas	0	17	55	1	6	0	31
Mountain	**1**	**15**	**0**	**2**	**10**	**0**	**5**
Arizona	0	3	0	1	0	0	4
Colorado	0	371	0	2	0	0	23
Idaho	67	3,537	0	47	0	0	9
Montana	4	44	0	114	0	0	8
Nevada	0	4	0	2	0	0	4
New Mexico	0	37	0	5	0	0	92
Utah	3	123	0	5	385	0	52
Wyoming	2	21	0	40	9	0	30
Pacific Contiguous	**2**	**662**	**0**	**2**	**8**	**0**	**2**
California	10	872	0	2	9	0	10
Oregon	0	0	0	4	0	0	3
Washington	0	199	0	3	0	0	2
Pacific Noncontiguous	**5**	**28**	**0**	**8**	**102**	**0**	**31**
Alaska	14	18	0	8	1,086	0	31
Hawaii	4	31	0	0	95	0	134
U.S. Total	**0**	**12**	**4**	**0**	**8**	**0**	**1**

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

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

Total (All Sectors) by Census Division and State, March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**31**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	129	5	0	8	1
Maine	0	0	0	0	3	0	18	4
Massachusetts	0	0	0	35	5	0	7	3
New Hampshire	0	0	0	0	8	0	47	1
Rhode Island	0	0	0	130	28	0	0	4
Vermont	0	0	0	98	8	0	0	5
Middle Atlantic	**0**	**0**	**0**	**15**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	17	8	0	9	1
New York	0	0	0	30	2	0	9	1
Pennsylvania	0	0	0	42	3	0	7	1
East North Central	**0**	**0**	**0**	**26**	**1**	**0**	**9**	**0**
Illinois	0	0	0	49	1	0	32	0
Indiana	0	0	0	41	2	0	4	1
Michigan	0	0	0	0	3	0	15	1
Ohio	0	0	0	45	5	0	0	1
Wisconsin	0	0	0	0	5	0	47	1
West North Central	**0**	**0**	**0**	**135**	**0**	**0**	**14**	**1**
Iowa	0	0	0	0	0	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	220	2	0	15	1
Missouri	0	0	0	172	2	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	55	2
South Dakota	0	0	0	0	0	0	0	2
South Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**4**	**0**
Delaware	0	0	0	50	30	0	0	2
District of Columbia	0	0	0	0	0	0	0	154
Florida	0	0	0	12	5	0	4	0
Georgia	0	0	0	26	6	0	5	0
Maryland	0	0	0	34	4	0	1	1
North Carolina	0	0	0	20	8	0	40	1
South Carolina	0	0	0	182	2	0	0	0
Virginia	0	0	0	0	4	0	9	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**72**	**6**	**0**	**0**	**0**
Alabama	0	0	0	0	11	0	0	1
Kentucky	0	0	0	0	8	0	0	1
Mississippi	0	0	0	0	6	0	0	0
Tennessee	0	0	0	72	20	0	0	1
West South Central	**0**	**0**	**0**	**23**	**1**	**0**	**17**	**0**
Arkansas	0	0	0	0	6	0	0	0
Louisiana	0	0	0	0	12	0	16	1
Oklahoma	0	0	0	0	1	0	104	1
Texas	0	0	0	23	1	0	26	0
Mountain	**0**	**4**	**0**	**3**	**1**	**0**	**6**	**1**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	20	1	0	61	1
Idaho	0	26	0	0	4	0	0	7
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	6	3	0	79	1
New Mexico	0	188	0	17	3	0	0	1
Utah	0	4	0	252	3	0	5	3
Wyoming	0	0	0	0	1	0	0	1
Pacific Contiguous	**0**	**2**	**0**	**2**	**1**	**0**	**10**	**1**
California	0	2	0	2	1	0	11	2
Oregon	0	0	0	86	2	0	57	2
Washington	0	0	0	0	2	0	21	1
Pacific Noncontiguous	**0**	**0**	**0**	**64**	**7**	**0**	**0**	**14**
Alaska	0	0	0	0	35	0	0	9
Hawaii	0	0	0	64	6	0	0	21
U.S. Total	**0**	**2**	**0**	**2**	**1**	**0**	**3**	**0**

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

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

Total (All Sectors) by Census Division and State, Year-to-Date through March 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**3**	**13**	**0**	**2**	**0**	**0**	**10**
Connecticut	0	15	0	3	0	0	51
Maine	0	8	0	8	0	0	13
Massachusetts	5	29	0	4	0	0	27
New Hampshire	0	25	0	2	0	0	21
Rhode Island	0	45	0	3	0	0	434
Vermont	0	356	0	0	0	0	28
Middle Atlantic	**1**	**16**	**87**	**1**	**29**	**0**	**3**
New Jersey	0	25	166	3	97	0	220
New York	3	17	0	2	0	0	3
Pennsylvania	1	45	100	1	23	0	8
East North Central	**0**	**12**	**5**	**2**	**16**	**0**	**22**
Illinois	0	52	0	10	69	0	56
Indiana	1	53	0	3	17	0	24
Michigan	1	16	21	6	0	0	42
Ohio	1	13	9	1	42	0	36
Wisconsin	1	26	0	6	0	0	37
West North Central	**1**	**16**	**0**	**13**	**198**	**0**	**9**
Iowa	2	60	0	89	0	0	61
Kansas	0	51	0	38	0	0	298
Minnesota	2	18	0	19	0	0	70
Missouri	1	34	0	12	0	0	15
Nebraska	1	17	0	84	0	0	43
North Dakota	2	50	0	658	198	0	0
South Dakota	4	109	0	109	0	0	2
South Atlantic	**0**	**11**	**0**	**0**	**0**	**0**	**5**
Delaware	3	14	0	2	0	0	0
District of Columbia	0	0	0	154	0	0	0
Florida	1	42	0	1	0	0	73
Georgia	0	55	0	1	0	0	11
Maryland	0	20	0	13	0	0	2
North Carolina	1	20	0	1	0	0	8
South Carolina	0	85	0	2	0	0	11
Virginia	3	7	0	0	0	0	19
West Virginia	0	0	0	9	0	0	13
East South Central	**1**	**26**	**0**	**1**	**29**	**0**	**4**
Alabama	1	42	0	2	31	0	4
Kentucky	1	41	0	4	0	0	7
Mississippi	0	303	0	0	0	0	0
Tennessee	0	50	0	7	0	0	7
West South Central	**0**	**9**	**7**	**1**	**4**	**0**	**7**
Arkansas	0	0	0	1	0	0	9
Louisiana	0	1	6	1	4	0	0
Oklahoma	1	13	0	1	0	0	16
Texas	0	17	55	1	6	0	31
Mountain	**1**	**15**	**0**	**2**	**10**	**0**	**5**
Arizona	0	3	0	1	0	0	4
Colorado	0	371	0	2	0	0	23
Idaho	67	3,537	0	47	0	0	9
Montana	4	44	0	114	0	0	8
Nevada	0	4	0	2	0	0	4
New Mexico	0	37	0	5	0	0	92
Utah	3	123	0	5	385	0	52
Wyoming	2	21	0	40	9	0	30
Pacific Contiguous	**2**	**662**	**0**	**2**	**8**	**0**	**2**
California	10	872	0	2	9	0	10
Oregon	0	0	0	4	0	0	3
Washington	0	199	0	3	0	0	2
Pacific Noncontiguous	**5**	**28**	**0**	**8**	**102**	**0**	**31**
Alaska	14	18	0	8	1,086	0	31
Hawaii	4	31	0	0	95	0	134
U.S. Total	**0**	**12**	**4**	**0**	**8**	**0**	**1**

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

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

Total (All Sectors) by Census Division and State, Year-to-Date through March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**31**	**3**	**0**	**6**	**1**
Connecticut	0	0	0	129	5	0	8	1
Maine	0	0	0	0	3	0	18	4
Massachusetts	0	0	0	35	5	0	7	3
New Hampshire	0	0	0	0	8	0	47	1
Rhode Island	0	0	0	130	28	0	0	4
Vermont	0	0	0	98	8	0	0	5
Middle Atlantic	**0**	**0**	**0**	**15**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	17	8	0	9	1
New York	0	0	0	30	2	0	9	1
Pennsylvania	0	0	0	42	3	0	7	1
East North Central	**0**	**0**	**0**	**26**	**1**	**0**	**9**	**0**
Illinois	0	0	0	49	1	0	32	0
Indiana	0	0	0	41	2	0	4	1
Michigan	0	0	0	0	3	0	15	1
Ohio	0	0	0	45	5	0	0	1
Wisconsin	0	0	0	0	5	0	47	1
West North Central	**0**	**0**	**0**	**135**	**0**	**0**	**14**	**1**
Iowa	0	0	0	0	0	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	220	2	0	15	1
Missouri	0	0	0	172	2	0	0	1
Nebraska	0	0	0	0	1	0	0	2
North Dakota	0	0	0	0	1	0	55	2
South Dakota	0	0	0	0	0	0	0	2
South Atlantic	**0**	**0**	**0**	**12**	**2**	**0**	**4**	**0**
Delaware	0	0	0	50	30	0	0	2
District of Columbia	0	0	0	0	0	0	0	154
Florida	0	0	0	12	5	0	4	0
Georgia	0	0	0	26	6	0	5	0
Maryland	0	0	0	34	4	0	1	1
North Carolina	0	0	0	20	8	0	40	1
South Carolina	0	0	0	182	2	0	0	0
Virginia	0	0	0	0	4	0	9	1
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**72**	**6**	**0**	**0**	**0**
Alabama	0	0	0	0	11	0	0	1
Kentucky	0	0	0	0	8	0	0	1
Mississippi	0	0	0	0	6	0	0	0
Tennessee	0	0	0	72	20	0	0	1
West South Central	**0**	**0**	**0**	**23**	**1**	**0**	**17**	**0**
Arkansas	0	0	0	0	6	0	0	0
Louisiana	0	0	0	0	12	0	16	1
Oklahoma	0	0	0	0	1	0	104	1
Texas	0	0	0	23	1	0	26	0
Mountain	**0**	**4**	**0**	**3**	**1**	**0**	**6**	**1**
Arizona	0	0	0	3	3	0	0	0
Colorado	0	0	0	20	1	0	61	1
Idaho	0	26	0	0	4	0	0	7
Montana	0	0	0	0	3	0	0	4
Nevada	0	4	0	6	3	0	79	1
New Mexico	0	188	0	17	3	0	0	1
Utah	0	4	0	252	3	0	5	3
Wyoming	0	0	0	0	1	0	0	1
Pacific Contiguous	**0**	**2**	**0**	**2**	**1**	**0**	**10**	**1**
California	0	2	0	2	1	0	11	2
Oregon	0	0	0	86	2	0	57	2
Washington	0	0	0	0	2	0	21	1
Pacific Noncontiguous	**0**	**0**	**0**	**64**	**7**	**0**	**0**	**14**
Alaska	0	0	0	0	35	0	0	9
Hawaii	0	0	0	64	6	0	0	21
U.S. Total	**0**	**2**	**0**	**2**	**1**	**0**	**3**	**0**

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

Table A.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type: Electric Utilities by Census Division and State, March 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**14**	**0**	**0**	**0**	**0**	**27**
Connecticut	0	87	0	0	0	0	176
Maine	0	1,081	0	0	0	0	0
Massachusetts	0	8	0	0	0	0	58
New Hampshire	0	10	0	0	0	0	24
Rhode Island	0	0	0	0	0	0	0
Vermont	0	405	0	0	0	0	47
Middle Atlantic	**298**	**11**	**0**	**6**	**0**	**0**	**1**
New Jersey	0	654	0	0	0	0	0
New York	298	11	0	6	0	0	1
Pennsylvania	0	981	0	1,632	0	0	6
East North Central	**0**	**18**	**0**	**1**	**0**	**0**	**23**
Illinois	0	214	0	63	0	0	133
Indiana	1	43	0	2	0	0	24
Michigan	1	16	0	5	0	0	44
Ohio	1	25	0	1	0	0	36
Wisconsin	1	32	0	6	0	0	39
West North Central	**1**	**17**	**0**	**10**	**0**	**0**	**9**
Iowa	1	60	0	51	0	0	62
Kansas	0	51	0	39	0	0	0
Minnesota	2	17	0	8	0	0	104
Missouri	1	34	0	15	0	0	15
Nebraska	1	17	0	1	0	0	43
North Dakota	2	51	0	1,322	0	0	0
South Dakota	4	111	0	109	0	0	2
South Atlantic	**0**	**17**	**0**	**0**	**0**	**0**	**6**
Delaware	0	0	0	0	0	0	0
Florida	1	44	0	0	0	0	73
Georgia	0	79	0	0	0	0	11
Maryland	0	409	0	0	0	0	0
North Carolina	0	20	0	1	0	0	8
South Carolina	0	91	0	0	0	0	11
Virginia	0	7	0	0	0	0	19
West Virginia	0	0	0	0	0	0	44
East South Central	**1**	**24**	**0**	**2**	**0**	**0**	**4**
Alabama	1	0	0	5	0	0	4
Kentucky	1	41	0	2	0	0	7
Mississippi	0	315	0	0	0	0	0
Tennessee	0	2	0	0	0	0	7
West South Central	**0**	**3**	**0**	**1**	**0**	**0**	**9**
Arkansas	0	0	0	2	0	0	9
Louisiana	0	13	0	1	0	0	0
Oklahoma	0	13	0	1	0	0	16
Texas	0	1	0	2	0	0	31
Mountain	**1**	**14**	**0**	**2**	**0**	**0**	**5**
Arizona	0	3	0	2	0	0	4
Colorado	0	371	0	2	0	0	22
Idaho	0	3,537	0	0	0	0	9
Montana	86	9,538	0	117	0	0	9
Nevada	0	4	0	0	0	0	1
New Mexico	0	33	0	8	0	0	92
Utah	2	93	0	2	0	0	52
Wyoming	1	12	0	293	0	0	29
Pacific Contiguous	**0**	**119**	**0**	**3**	**0**	**0**	**2**
California	0	28	0	3	0	0	9
Oregon	0	0	0	0	0	0	3
Washington	0	986	0	4	0	0	2
Pacific Noncontiguous	**0**	**9**	**0**	**7**	**0**	**0**	**31**
Alaska	0	18	0	7	0	0	31
Hawaii	0	9	0	0	0	0	325
U.S. Total	**0**	**6**	**0**	**0**	**0**	**0**	**1**

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

Electric Utilities by Census Division and State, March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**98**	**3**	**0**	**0**	**4**
Connecticut	0	0	0	0	0	0	0	98
Maine	0	0	0	0	0	0	0	1,081
Massachusetts	0	0	0	98	40	0	0	22
New Hampshire	0	0	0	0	0	0	0	2
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	20
Middle Atlantic	**0**	**0**	**0**	**47**	**47**	**0**	**0**	**2**
New Jersey	0	0	0	47	47	0	0	11
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	6
East North Central	**0**	**0**	**0**	**109**	**2**	**0**	**0**	**0**
Illinois	0	0	0	0	86	0	0	1
Indiana	0	0	0	0	17	0	0	1
Michigan	0	0	0	0	3	0	0	1
Ohio	0	0	0	109	63	0	0	1
Wisconsin	0	0	0	0	1	0	0	2
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**10**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	2	0	0	1
Missouri	0	0	0	0	45	0	0	1
Nebraska	0	0	0	0	11	0	0	2
North Dakota	0	0	0	0	2	0	55	2
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**0**	**0**
Delaware	0	0	0	144	144	0	0	144
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	123	123	0	0	205
North Carolina	0	0	0	132	132	0	0	0
South Carolina	0	0	0	0	6	0	0	0
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**27**	**0**	**0**	**0**
Alabama	0	0	0	0	249	0	0	1
Kentucky	0	0	0	0	27	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	1
Texas	0	0	0	0	1	0	0	1
Mountain	**0**	**0**	**0**	**16**	**2**	**0**	**79**	**1**
Arizona	0	0	0	17	16	0	0	0
Colorado	0	0	0	0	8	0	0	1
Idaho	0	0	0	0	0	0	0	9
Montana	0	0	0	0	0	0	0	9
Nevada	0	0	0	0	0	0	79	0
New Mexico	0	0	0	38	38	0	0	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	1
Pacific Contiguous	**0**	**0**	**0**	**19**	**2**	**0**	**0**	**1**
California	0	0	0	19	6	0	0	3
Oregon	0	0	0	149	2	0	0	3
Washington	0	0	0	0	1	0	0	2
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**42**	**0**	**0**	**7**
Alaska	0	0	0	0	43	0	0	10
Hawaii	0	0	0	0	0	0	0	9
U.S. Total	**0**	**0**	**0**	**10**	**1**	**0**	**7**	**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 March 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**14**	**0**	**0**	**0**	**0**	**27**
Connecticut	0	87	0	0	0	0	176
Maine	0	1,081	0	0	0	0	0
Massachusetts	0	8	0	0	0	0	58
New Hampshire	0	10	0	0	0	0	24
Rhode Island	0	0	0	0	0	0	0
Vermont	0	405	0	0	0	0	47
Middle Atlantic	**298**	**11**	**0**	**6**	**0**	**0**	**1**
New Jersey	0	654	0	0	0	0	0
New York	298	11	0	6	0	0	1
Pennsylvania	0	981	0	1,632	0	0	6
East North Central	**0**	**18**	**0**	**1**	**0**	**0**	**23**
Illinois	0	214	0	63	0	0	133
Indiana	1	43	0	2	0	0	24
Michigan	1	16	0	5	0	0	44
Ohio	1	25	0	1	0	0	36
Wisconsin	1	32	0	6	0	0	39
West North Central	**1**	**17**	**0**	**10**	**0**	**0**	**9**
Iowa	1	60	0	51	0	0	62
Kansas	0	51	0	39	0	0	0
Minnesota	2	17	0	8	0	0	104
Missouri	1	34	0	15	0	0	15
Nebraska	1	17	0	1	0	0	43
North Dakota	2	51	0	1,322	0	0	0
South Dakota	4	111	0	109	0	0	2
South Atlantic	**0**	**17**	**0**	**0**	**0**	**0**	**6**
Delaware	0	0	0	0	0	0	0
Florida	1	44	0	0	0	0	73
Georgia	0	79	0	0	0	0	11
Maryland	0	409	0	0	0	0	0
North Carolina	0	20	0	1	0	0	8
South Carolina	0	91	0	0	0	0	11
Virginia	0	7	0	0	0	0	19
West Virginia	0	0	0	0	0	0	44
East South Central	**1**	**24**	**0**	**2**	**0**	**0**	**4**
Alabama	1	0	0	5	0	0	4
Kentucky	1	41	0	2	0	0	7
Mississippi	0	315	0	0	0	0	0
Tennessee	0	2	0	0	0	0	7
West South Central	**0**	**3**	**0**	**1**	**0**	**0**	**9**
Arkansas	0	0	0	2	0	0	9
Louisiana	0	13	0	1	0	0	0
Oklahoma	0	13	0	1	0	0	16
Texas	0	1	0	2	0	0	31
Mountain	**1**	**14**	**0**	**2**	**0**	**0**	**5**
Arizona	0	3	0	2	0	0	4
Colorado	0	371	0	2	0	0	22
Idaho	0	3,537	0	0	0	0	9
Montana	86	9,538	0	117	0	0	9
Nevada	0	4	0	0	0	0	1
New Mexico	0	33	0	8	0	0	92
Utah	2	93	0	2	0	0	52
Wyoming	1	12	0	293	0	0	29
Pacific Contiguous	**0**	**119**	**0**	**3**	**0**	**0**	**2**
California	0	28	0	3	0	0	9
Oregon	0	0	0	0	0	0	3
Washington	0	986	0	4	0	0	2
Pacific Noncontiguous	**0**	**9**	**0**	**7**	**0**	**0**	**31**
Alaska	0	18	0	7	0	0	31
Hawaii	0	9	0	0	0	0	325
U.S. Total	**0**	**6**	**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 March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**98**	**3**	**0**	**0**	**4**
Connecticut	0	0	0	0	0	0	0	98
Maine	0	0	0	0	0	0	0	1,081
Massachusetts	0	0	0	98	40	0	0	22
New Hampshire	0	0	0	0	0	0	0	2
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	20
Middle Atlantic	**0**	**0**	**0**	**47**	**47**	**0**	**0**	**2**
New Jersey	0	0	0	47	47	0	0	11
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	6
East North Central	**0**	**0**	**0**	**109**	**2**	**0**	**0**	**0**
Illinois	0	0	0	0	86	0	0	1
Indiana	0	0	0	0	17	0	0	1
Michigan	0	0	0	0	3	0	0	1
Ohio	0	0	0	109	63	0	0	1
Wisconsin	0	0	0	0	1	0	0	2
West North Central	**0**	**0**	**0**	**0**	**1**	**0**	**10**	**1**
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	0	2	0	0	1
Missouri	0	0	0	0	45	0	0	1
Nebraska	0	0	0	0	11	0	0	2
North Dakota	0	0	0	0	2	0	55	2
South Dakota	0	0	0	0	1	0	0	2
South Atlantic	**0**	**0**	**0**	**10**	**2**	**0**	**0**	**0**
Delaware	0	0	0	144	144	0	0	144
Florida	0	0	0	0	4	0	0	0
Georgia	0	0	0	0	0	0	0	0
Maryland	0	0	0	123	123	0	0	205
North Carolina	0	0	0	132	132	0	0	0
South Carolina	0	0	0	0	6	0	0	0
Virginia	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**0**	**27**	**0**	**0**	**0**
Alabama	0	0	0	0	249	0	0	1
Kentucky	0	0	0	0	27	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	1
Texas	0	0	0	0	1	0	0	1
Mountain	**0**	**0**	**0**	**16**	**2**	**0**	**79**	**1**
Arizona	0	0	0	17	16	0	0	0
Colorado	0	0	0	0	8	0	0	1
Idaho	0	0	0	0	0	0	0	9
Montana	0	0	0	0	0	0	0	9
Nevada	0	0	0	0	0	0	79	0
New Mexico	0	0	0	38	38	0	0	2
Utah	0	0	0	0	0	0	0	2
Wyoming	0	0	0	0	1	0	0	1
Pacific Contiguous	**0**	**0**	**0**	**19**	**2**	**0**	**0**	**1**
California	0	0	0	19	6	0	0	3
Oregon	0	0	0	149	2	0	0	3
Washington	0	0	0	0	1	0	0	2
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**42**	**0**	**0**	**7**
Alaska	0	0	0	0	43	0	0	10
Hawaii	0	0	0	0	0	0	0	9
U.S. Total	**0**	**0**	**0**	**10**	**1**	**0**	**7**	**0**

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

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

Independent Power Producers by Census Division and State, March 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**4**	**15**	**0**	**1**	**0**	**0**	**11**
Connecticut	0	14	0	1	0	0	53
Maine	0	3	0	0	0	0	14
Massachusetts	5	35	0	4	0	0	30
New Hampshire	0	19	0	0	0	0	28
Rhode Island	0	0	0	1	0	0	434
Vermont	0	0	0	0	0	0	35
Middle Atlantic	**1**	**18**	**0**	**1**	**0**	**0**	**11**
New Jersey	0	20	0	2	0	0	220
New York	1	20	0	2	0	0	15
Pennsylvania	1	45	0	1	0	0	14
East North Central	**0**	**10**	**0**	**2**	**19**	**0**	**75**
Illinois	0	0	0	8	0	0	48
Indiana	1	320,407	0	10	0	0	0
Michigan	23	0	0	6	0	0	141
Ohio	0	7	0	1	63	0	0
Wisconsin	0	11	0	0	0	0	189
West North Central	**0**	**11**	**0**	**25**	**0**	**0**	**109**
Iowa	0	363	0	0	0	0	681
Kansas	0	0	0	0	0	0	298
Minnesota	0	5	0	64	0	0	118
Missouri	0	0	0	17	0	0	0
South Dakota	0	597	0	0	0	0	0
South Atlantic	**1**	**9**	**0**	**1**	**0**	**0**	**5**
Delaware	3	14	0	2	0	0	0
Florida	0	482	0	7	0	0	0
Georgia	0	4,231	0	2	0	0	301
Maryland	0	12	0	10	0	0	2
North Carolina	28	142	0	0	0	0	175
South Carolina	0	0	0	15	0	0	122
Virginia	27	19	0	0	0	0	116
West Virginia	0	0	0	0	0	0	9
East South Central	**0**	**88**	**0**	**0**	**0**	**0**	**332**
Alabama	0	88	0	0	0	0	0
Kentucky	0	0	0	0	0	0	332
Mississippi	0	0	0	1	0	0	0
West South Central	**0**	**0**	**0**	**1**	**0**	**0**	**7**
Arkansas	0	0	0	0	0	0	135
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	0	0	0	1	0	0	156
Mountain	**4**	**133**	**0**	**3**	**0**	**0**	**18**
Arizona	0	0	0	0	0	0	0
Colorado	92	0	0	2	0	0	115
Idaho	0	0	0	286	0	0	52
Montana	4	17	0	528	0	0	18
Nevada	0	0	0	8	0	0	215
New Mexico	0	2,155	0	3	0	0	0
Utah	107	2,682	0	109	0	0	527
Wyoming	52	0	0	682	0	0	470
Pacific Contiguous	**3**	**28**	**0**	**1**	**0**	**0**	**43**
California	14	0	0	1	0	0	71
Oregon	0	0	0	0	0	0	75
Washington	0	28	0	0	0	0	77
Pacific Noncontiguous	**5**	**123**	**0**	**0**	**0**	**0**	**0**
Alaska	43	0	0	0	0	0	0
Hawaii	0	123	0	0	0	0	0
U.S. Total	**0**	**21**	**0**	**0**	**9**	**0**	**6**

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

Independent Power Producers by Census Division and State, March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**33**	**3**	**0**	**5**	**1**
Connecticut	0	0	0	129	5	0	8	1
Maine	0	0	0	0	1	0	12	5
Massachusetts	0	0	0	38	6	0	7	3
New Hampshire	0	0	0	0	11	0	47	2
Rhode Island	0	0	0	130	28	0	0	1
Vermont	0	0	0	98	23	0	0	4
Middle Atlantic	**0**	**0**	**0**	**16**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	20	9	0	13	1
New York	0	0	0	30	2	0	7	1
Pennsylvania	0	0	0	45	2	0	8	1
East North Central	**0**	**0**	**0**	**27**	**1**	**0**	**21**	**0**
Illinois	0	0	0	49	1	0	0	0
Indiana	0	0	0	41	1	0	0	2
Michigan	0	0	0	0	3	0	21	3
Ohio	0	0	0	50	4	0	0	1
Wisconsin	0	0	0	0	8	0	0	1
West North Central	**0**	**0**	**0**	**135**	**1**	**0**	**31**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	220	2	0	31	3
Missouri	0	0	0	172	1	0	0	4
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**15**	**3**	**0**	**4**	**1**
Delaware	0	0	0	53	31	0	0	2
Florida	0	0	0	46	3	0	6	3
Georgia	0	0	0	25	11	0	0	2
Maryland	0	0	0	36	4	0	0	1
North Carolina	0	0	0	21	12	0	40	4
South Carolina	0	0	0	182	62	0	0	15
Virginia	0	0	0	0	7	0	0	6
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**77**	**11**	**0**	**0**	**0**
Alabama	0	0	0	0	5	0	0	0
Kentucky	0	0	0	0	0	0	0	5
Mississippi	0	0	0	0	0	0	0	1
Tennessee	0	0	0	77	26	0	0	26
West South Central	**0**	**0**	**0**	**23**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	31	0	0	1
Louisiana	0	0	0	0	33	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	23	0	0	0	0
Mountain	**0**	**4**	**0**	**3**	**1**	**0**	**5**	**2**
Arizona	0	0	0	3	2	0	0	1
Colorado	0	0	0	20	1	0	91	2
Idaho	0	26	0	0	5	0	0	10
Montana	0	0	0	0	4	0	0	4
Nevada	0	4	0	6	3	0	0	3
New Mexico	0	188	0	18	3	0	0	2
Utah	0	10	0	252	4	0	231	28
Wyoming	0	0	0	0	2	0	0	9
Pacific Contiguous	**0**	**2**	**0**	**2**	**1**	**0**	**18**	**1**
California	0	2	0	2	1	0	17	1
Oregon	0	0	0	106	2	0	57	2
Washington	0	0	0	0	1	0	43	3
Pacific Noncontiguous	**0**	**0**	**0**	**64**	**8**	**0**	**0**	**47**
Alaska	0	0	0	0	59	0	0	35
Hawaii	0	0	0	64	7	0	0	50
U.S. Total	**0**	**2**	**0**	**2**	**0**	**0**	**3**	**0**

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**4**	**15**	**0**	**1**	**0**	**0**	**11**
Connecticut	0	14	0	1	0	0	53
Maine	0	3	0	0	0	0	14
Massachusetts	5	35	0	4	0	0	30
New Hampshire	0	19	0	0	0	0	28
Rhode Island	0	0	0	1	0	0	434
Vermont	0	0	0	0	0	0	35
Middle Atlantic	**1**	**18**	**0**	**1**	**0**	**0**	**11**
New Jersey	0	20	0	2	0	0	220
New York	1	20	0	2	0	0	15
Pennsylvania	1	45	0	1	0	0	14
East North Central	**0**	**10**	**0**	**2**	**19**	**0**	**75**
Illinois	0	0	0	8	0	0	48
Indiana	1	320,407	0	10	0	0	0
Michigan	23	0	0	6	0	0	141
Ohio	0	7	0	1	63	0	0
Wisconsin	0	11	0	0	0	0	189
West North Central	**0**	**11**	**0**	**25**	**0**	**0**	**109**
Iowa	0	363	0	0	0	0	681
Kansas	0	0	0	0	0	0	298
Minnesota	0	5	0	64	0	0	118
Missouri	0	0	0	17	0	0	0
South Dakota	0	597	0	0	0	0	0
South Atlantic	**1**	**9**	**0**	**1**	**0**	**0**	**5**
Delaware	3	14	0	2	0	0	0
Florida	0	482	0	7	0	0	0
Georgia	0	4,231	0	2	0	0	301
Maryland	0	12	0	10	0	0	2
North Carolina	28	142	0	0	0	0	175
South Carolina	0	0	0	15	0	0	122
Virginia	27	19	0	0	0	0	116
West Virginia	0	0	0	0	0	0	9
East South Central	**0**	**88**	**0**	**0**	**0**	**0**	**332**
Alabama	0	88	0	0	0	0	0
Kentucky	0	0	0	0	0	0	332
Mississippi	0	0	0	1	0	0	0
West South Central	**0**	**0**	**0**	**1**	**0**	**0**	**7**
Arkansas	0	0	0	0	0	0	135
Louisiana	0	0	0	0	0	0	0
Oklahoma	0	0	0	1	0	0	0
Texas	0	0	0	1	0	0	156
Mountain	**4**	**133**	**0**	**3**	**0**	**0**	**18**
Arizona	0	0	0	0	0	0	0
Colorado	92	0	0	2	0	0	115
Idaho	0	0	0	286	0	0	52
Montana	4	17	0	528	0	0	18
Nevada	0	0	0	8	0	0	215
New Mexico	0	2,155	0	3	0	0	0
Utah	107	2,682	0	109	0	0	527
Wyoming	52	0	0	682	0	0	470
Pacific Contiguous	**3**	**28**	**0**	**1**	**0**	**0**	**43**
California	14	0	0	1	0	0	71
Oregon	0	0	0	0	0	0	75
Washington	0	28	0	0	0	0	77
Pacific Noncontiguous	**5**	**123**	**0**	**0**	**0**	**0**	**0**
Alaska	43	0	0	0	0	0	0
Hawaii	0	123	0	0	0	0	0
U.S. Total	**0**	**21**	**0**	**0**	**9**	**0**	**6**

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

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

Independent Power Producers by Census Division and State, Year-to-Date through March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**33**	**3**	**0**	**5**	**1**
Connecticut	0	0	0	129	5	0	8	1
Maine	0	0	0	0	1	0	12	5
Massachusetts	0	0	0	38	6	0	7	3
New Hampshire	0	0	0	0	11	0	47	2
Rhode Island	0	0	0	130	28	0	0	1
Vermont	0	0	0	98	23	0	0	4
Middle Atlantic	**0**	**0**	**0**	**16**	**2**	**0**	**5**	**1**
New Jersey	0	0	0	20	9	0	13	1
New York	0	0	0	30	2	0	7	1
Pennsylvania	0	0	0	45	2	0	8	1
East North Central	**0**	**0**	**0**	**27**	**1**	**0**	**21**	**0**
Illinois	0	0	0	49	1	0	0	0
Indiana	0	0	0	41	1	0	0	2
Michigan	0	0	0	0	3	0	21	3
Ohio	0	0	0	50	4	0	0	1
Wisconsin	0	0	0	0	8	0	0	1
West North Central	**0**	**0**	**0**	**135**	**1**	**0**	**31**	**1**
Iowa	0	0	0	0	1	0	0	1
Kansas	0	0	0	0	0	0	0	1
Minnesota	0	0	0	220	2	0	31	3
Missouri	0	0	0	172	1	0	0	4
Nebraska	0	0	0	0	1	0	0	1
North Dakota	0	0	0	0	1	0	0	1
South Dakota	0	0	0	0	0	0	0	0
South Atlantic	**0**	**0**	**0**	**15**	**3**	**0**	**4**	**1**
Delaware	0	0	0	53	31	0	0	2
Florida	0	0	0	46	3	0	6	3
Georgia	0	0	0	25	11	0	0	2
Maryland	0	0	0	36	4	0	0	1
North Carolina	0	0	0	21	12	0	40	4
South Carolina	0	0	0	182	62	0	0	15
Virginia	0	0	0	0	7	0	0	6
West Virginia	0	0	0	0	0	0	0	0
East South Central	**0**	**0**	**0**	**77**	**11**	**0**	**0**	**0**
Alabama	0	0	0	0	5	0	0	0
Kentucky	0	0	0	0	0	0	0	5
Mississippi	0	0	0	0	0	0	0	1
Tennessee	0	0	0	77	26	0	0	26
West South Central	**0**	**0**	**0**	**23**	**0**	**0**	**0**	**0**
Arkansas	0	0	0	0	31	0	0	1
Louisiana	0	0	0	0	33	0	0	0
Oklahoma	0	0	0	0	0	0	0	1
Texas	0	0	0	23	0	0	0	0
Mountain	**0**	**4**	**0**	**3**	**1**	**0**	**5**	**2**
Arizona	0	0	0	3	2	0	0	1
Colorado	0	0	0	20	1	0	91	2
Idaho	0	26	0	0	5	0	0	10
Montana	0	0	0	0	4	0	0	4
Nevada	0	4	0	6	3	0	0	3
New Mexico	0	188	0	18	3	0	0	2
Utah	0	10	0	252	4	0	231	28
Wyoming	0	0	0	0	2	0	0	9
Pacific Contiguous	**0**	**2**	**0**	**2**	**1**	**0**	**18**	**1**
California	0	2	0	2	1	0	17	1
Oregon	0	0	0	106	2	0	57	2
Washington	0	0	0	0	1	0	43	3
Pacific Noncontiguous	**0**	**0**	**0**	**64**	**8**	**0**	**0**	**47**
Alaska	0	0	0	0	59	0	0	35
Hawaii	0	0	0	64	7	0	0	50
U.S. Total	**0**	**2**	**0**	**2**	**0**	**0**	**3**	**0**

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**96**	**0**	**30**	**0**	**0**	**387**
Connecticut	0	41,719	0	63	0	0	0
Maine	0	505	0	237	0	0	0
Massachusetts	0	120	0	24	0	0	387
New Hampshire	0	196	0	293	0	0	0
Rhode Island	0	302	0	186	0	0	0
Vermont	0	734	0	0	0	0	0
Middle Atlantic	**144**	**1,377**	**0**	**29**	**0**	**0**	**440**
New Jersey	0	4,060	0	97	0	0	0
New York	0	1,544	0	28	0	0	440
Pennsylvania	144	926	0	120	0	0	0
East North Central	**11**	**1,533**	**0**	**34**	**0**	**0**	**227**
Illinois	30	595	0	24	0	0	593
Indiana	36	10,064	0	165	0	0	0
Michigan	0	140	0	91	0	0	0
Ohio	308	877	0	73	0	0	0
Wisconsin	238	4,499	0	198	0	0	0
West North Central	**27**	**1,910**	**0**	**181**	**0**	**0**	**0**
Iowa	44	1,048	0	395	0	0	0
Minnesota	0	2,364	0	201	0	0	0
Missouri	0	1,651	0	0	0	0	0
Nebraska	0	0	0	2,691	0	0	0
North Dakota	0	1,924	0	0	0	0	0
South Dakota	0	2,801	0	0	0	0	0
South Atlantic	**59**	**166**	**0**	**73**	**0**	**0**	**113**
District of Columbia	0	0	0	154	0	0	0
Florida	0	0	0	174	0	0	0
Georgia	0	372	0	0	0	0	0
Maryland	148	170	0	90	0	0	0
North Carolina	0	1,041	0	0	0	0	106
South Carolina	0	1,469	0	0	0	0	968
Virginia	267	165	0	0	0	0	0
East South Central	**119**	**1,401**	**0**	**89**	**0**	**0**	**0**
Mississippi	0	0	0	180	0	0	0
Tennessee	119	1,401	0	97	0	0	0
West South Central	**0**	**4,934**	**0**	**24**	**0**	**0**	**0**
Arkansas	0	0	0	1,101	0	0	0
Louisiana	0	0	0	122	0	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	4,934	0	24	0	0	0
Mountain	**0**	**2,087**	**0**	**34**	**0**	**0**	**783**
Arizona	0	2,087	0	56	0	0	0
Colorado	0	0	0	0	0	0	783
Nevada	0	0	0	70	0	0	0
New Mexico	0	0	0	64	0	0	0
Utah	0	0	0	88	0	0	0
Pacific Contiguous	**0**	**1,085**	**0**	**16**	**0**	**0**	**1,791**
California	0	1,082	0	15	0	0	1,791
Oregon	0	0	0	488	0	0	0
Washington	0	1,944	0	439	0	0	0
Pacific Noncontiguous	**16**	**115**	**0**	**1,454**	**0**	**0**	**0**
Alaska	16	144	0	1,454	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**11**	**284**	**0**	**12**	**0**	**0**	**145**

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

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

Commercial Sector by Census Division and State, March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**335**	**28**	**0**	**49**	**26**
Connecticut	0	0	0	0	0	0	0	63
Maine	0	0	0	0	33	0	49	40
Massachusetts	0	0	0	335	79	0	0	33
New Hampshire	0	0	0	0	58	0	0	123
Rhode Island	0	0	0	0	0	0	0	165
Vermont	0	0	0	0	365	0	0	435
Middle Atlantic	**0**	**0**	**0**	**42**	**10**	**0**	**14**	**28**
New Jersey	0	0	0	42	14	0	0	27
New York	0	0	0	0	21	0	33	48
Pennsylvania	0	0	0	290	9	0	0	32
East North Central	**0**	**0**	**0**	**203**	**22**	**0**	**31**	**21**
Illinois	0	0	0	0	0	0	0	21
Indiana	0	0	0	0	68	0	110	59
Michigan	0	0	0	0	23	0	32	34
Ohio	0	0	0	203	203	0	0	71
Wisconsin	0	0	0	0	91	0	0	150
West North Central	**0**	**0**	**0**	**0**	**23**	**0**	**87**	**35**
Iowa	0	0	0	0	65	0	0	48
Minnesota	0	0	0	0	53	0	87	110
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	85	0	0	224
North Dakota	0	0	0	0	0	0	0	1,924
South Dakota	0	0	0	0	0	0	0	2,801
South Atlantic	**0**	**0**	**0**	**45**	**16**	**0**	**19**	**23**
Delaware	0	0	0	0	164	0	0	164
District of Columbia	0	0	0	0	0	0	0	154
Florida	0	0	0	287	58	0	0	74
Georgia	0	0	0	194	63	0	0	62
Maryland	0	0	0	163	82	0	529	68
North Carolina	0	0	0	49	49	0	0	30
South Carolina	0	0	0	0	0	0	0	912
Virginia	0	0	0	0	13	0	19	13
East South Central	**0**	**0**	**0**	**181**	**181**	**0**	**0**	**76**
Mississippi	0	0	0	0	0	0	0	180
Tennessee	0	0	0	181	181	0	0	82
West South Central	**0**	**0**	**0**	**243**	**53**	**0**	**0**	**23**
Arkansas	0	0	0	0	143	0	0	182
Louisiana	0	0	0	0	0	0	0	122
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	243	57	0	0	23
Mountain	**0**	**0**	**0**	**42**	**38**	**0**	**0**	**29**
Arizona	0	0	0	83	83	0	0	47
Colorado	0	0	0	78	63	0	0	133
Nevada	0	0	0	56	56	0	0	49
New Mexico	0	0	0	0	216	0	0	62
Utah	0	0	0	0	0	0	0	88
Pacific Contiguous	**0**	**0**	**0**	**40**	**9**	**0**	**0**	**47**
California	0	0	0	40	9	0	0	48
Oregon	0	0	0	0	68	0	0	215
Washington	0	0	0	0	0	0	0	435
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**
Alaska	0	0	0	0	0	0	0	27
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**23**	**6**	**0**	**10**	**14**

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**0**	**96**	**0**	**30**	**0**	**0**	**387**
Connecticut	0	41,719	0	63	0	0	0
Maine	0	505	0	237	0	0	0
Massachusetts	0	120	0	24	0	0	387
New Hampshire	0	196	0	293	0	0	0
Rhode Island	0	302	0	186	0	0	0
Vermont	0	734	0	0	0	0	0
Middle Atlantic	**144**	**1,377**	**0**	**29**	**0**	**0**	**440**
New Jersey	0	4,060	0	97	0	0	0
New York	0	1,544	0	28	0	0	440
Pennsylvania	144	926	0	120	0	0	0
East North Central	**11**	**1,533**	**0**	**34**	**0**	**0**	**227**
Illinois	30	595	0	24	0	0	593
Indiana	36	10,064	0	165	0	0	0
Michigan	0	140	0	91	0	0	0
Ohio	308	877	0	73	0	0	0
Wisconsin	238	4,499	0	198	0	0	0
West North Central	**27**	**1,910**	**0**	**181**	**0**	**0**	**0**
Iowa	44	1,048	0	395	0	0	0
Minnesota	0	2,364	0	201	0	0	0
Missouri	0	1,651	0	0	0	0	0
Nebraska	0	0	0	2,691	0	0	0
North Dakota	0	1,924	0	0	0	0	0
South Dakota	0	2,801	0	0	0	0	0
South Atlantic	**59**	**166**	**0**	**73**	**0**	**0**	**113**
District of Columbia	0	0	0	154	0	0	0
Florida	0	0	0	174	0	0	0
Georgia	0	372	0	0	0	0	0
Maryland	148	170	0	90	0	0	0
North Carolina	0	1,041	0	0	0	0	106
South Carolina	0	1,469	0	0	0	0	968
Virginia	267	165	0	0	0	0	0
East South Central	**119**	**1,401**	**0**	**89**	**0**	**0**	**0**
Mississippi	0	0	0	180	0	0	0
Tennessee	119	1,401	0	97	0	0	0
West South Central	**0**	**4,934**	**0**	**24**	**0**	**0**	**0**
Arkansas	0	0	0	1,101	0	0	0
Louisiana	0	0	0	122	0	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	4,934	0	24	0	0	0
Mountain	**0**	**2,087**	**0**	**34**	**0**	**0**	**783**
Arizona	0	2,087	0	56	0	0	0
Colorado	0	0	0	0	0	0	783
Nevada	0	0	0	70	0	0	0
New Mexico	0	0	0	64	0	0	0
Utah	0	0	0	88	0	0	0
Pacific Contiguous	**0**	**1,085**	**0**	**16**	**0**	**0**	**1,791**
California	0	1,082	0	15	0	0	1,791
Oregon	0	0	0	488	0	0	0
Washington	0	1,944	0	439	0	0	0
Pacific Noncontiguous	**16**	**115**	**0**	**1,454**	**0**	**0**	**0**
Alaska	16	144	0	1,454	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	**11**	**284**	**0**	**12**	**0**	**0**	**145**

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

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

Commercial Sector by Census Division and State, Year-to-Date through March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**335**	**28**	**0**	**49**	**26**
Connecticut	0	0	0	0	0	0	0	63
Maine	0	0	0	0	33	0	49	40
Massachusetts	0	0	0	335	79	0	0	33
New Hampshire	0	0	0	0	58	0	0	123
Rhode Island	0	0	0	0	0	0	0	165
Vermont	0	0	0	0	365	0	0	435
Middle Atlantic	**0**	**0**	**0**	**42**	**10**	**0**	**14**	**28**
New Jersey	0	0	0	42	14	0	0	27
New York	0	0	0	0	21	0	33	48
Pennsylvania	0	0	0	290	9	0	0	32
East North Central	**0**	**0**	**0**	**203**	**22**	**0**	**31**	**21**
Illinois	0	0	0	0	0	0	0	21
Indiana	0	0	0	0	68	0	110	59
Michigan	0	0	0	0	23	0	32	34
Ohio	0	0	0	203	203	0	0	71
Wisconsin	0	0	0	0	91	0	0	150
West North Central	**0**	**0**	**0**	**0**	**23**	**0**	**87**	**35**
Iowa	0	0	0	0	65	0	0	48
Minnesota	0	0	0	0	53	0	87	110
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	85	0	0	224
North Dakota	0	0	0	0	0	0	0	1,924
South Dakota	0	0	0	0	0	0	0	2,801
South Atlantic	**0**	**0**	**0**	**45**	**16**	**0**	**19**	**23**
Delaware	0	0	0	0	164	0	0	164
District of Columbia	0	0	0	0	0	0	0	154
Florida	0	0	0	287	58	0	0	74
Georgia	0	0	0	194	63	0	0	62
Maryland	0	0	0	163	82	0	529	68
North Carolina	0	0	0	49	49	0	0	30
South Carolina	0	0	0	0	0	0	0	912
Virginia	0	0	0	0	13	0	19	13
East South Central	**0**	**0**	**0**	**181**	**181**	**0**	**0**	**76**
Mississippi	0	0	0	0	0	0	0	180
Tennessee	0	0	0	181	181	0	0	82
West South Central	**0**	**0**	**0**	**243**	**53**	**0**	**0**	**23**
Arkansas	0	0	0	0	143	0	0	182
Louisiana	0	0	0	0	0	0	0	122
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	243	57	0	0	23
Mountain	**0**	**0**	**0**	**42**	**38**	**0**	**0**	**29**
Arizona	0	0	0	83	83	0	0	47
Colorado	0	0	0	78	63	0	0	133
Nevada	0	0	0	56	56	0	0	49
New Mexico	0	0	0	0	216	0	0	62
Utah	0	0	0	0	0	0	0	88
Pacific Contiguous	**0**	**0**	**0**	**40**	**9**	**0**	**0**	**47**
California	0	0	0	40	9	0	0	48
Oregon	0	0	0	0	68	0	0	215
Washington	0	0	0	0	0	0	0	435
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**11**
Alaska	0	0	0	0	0	0	0	27
Hawaii	0	0	0	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**23**	**6**	**0**	**10**	**14**

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

Table A.5.A. Relative Standard Error for Net Generation by Fuel Type: Industrial Sector by Census Division and State, March 2014

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**23**	**87**	**0**	**24**	**0**	**0**	**36**
Connecticut	0	401	0	69	0	0	0
Maine	0	67	0	24	0	0	35
Massachusetts	102	158	0	103	0	0	420
New Hampshire	0	1,050	0	226	0	0	544
Vermont	0	0	0	0	0	0	196
Middle Atlantic	**14**	**76**	**87**	**31**	**29**	**0**	**121**
New Jersey	0	638	166	58	97	0	0
New York	0	57	0	56	0	0	121
Pennsylvania	21	625	100	45	23	0	0
East North Central	**6**	**244**	**53**	**42**	**20**	**0**	**134**
Illinois	7	11,208	0	71	72	0	0
Indiana	83	39	0	39	17	0	0
Michigan	30	210	119	124	0	0	329
Ohio	20	1,071	324	116	51	0	0
Wisconsin	9	1,126	0	148	0	0	147
West North Central	**9**	**193**	**0**	**198**	**198**	**0**	**160**
Iowa	9	900	0	396	0	0	0
Kansas	0	0	0	143	0	0	0
Minnesota	24	244	0	293	0	0	160
Missouri	77	0	0	1,176	0	0	0
Nebraska	30	0	0	622	0	0	0
North Dakota	63	325	0	702	198	0	0
South Atlantic	**12**	**41**	**0**	**8**	**0**	**0**	**12**
Delaware	0	0	0	0	0	0	0
Florida	70	106	0	14	0	0	0
Georgia	16	44	0	17	0	0	203
Maryland	0	0	0	137	0	0	0
North Carolina	70	135	0	51	0	0	27
South Carolina	15	0	0	84	0	0	0
Virginia	27	105	0	23	0	0	263
West Virginia	9	0	0	332	0	0	7
East South Central	**7**	**98**	**0**	**9**	**29**	**0**	**24**
Alabama	52	83	0	14	31	0	0
Kentucky	0	0	0	73	0	0	0
Mississippi	0	0	0	8	0	0	0
Tennessee	4	1,761	0	62	0	0	24
West South Central	**44**	**80**	**54**	**2**	**7**	**0**	**0**
Arkansas	0	0	0	25	0	0	0
Louisiana	401	0	72	3	7	0	0
Oklahoma	50	0	0	80	0	0	0
Texas	0	493	55	2	11	0	0
Mountain	**15**	**307**	**0**	**25**	**10**	**0**	**0**
Colorado	333	9,589	0	226	0	0	0
Idaho	67	0	0	198	0	0	0
Montana	183	0	0	0	0	0	0
Nevada	0	0	0	68	0	0	0
New Mexico	0	5,597	0	0	0	0	0
Utah	0	2,803	0	25	385	0	0
Wyoming	30	195	0	41	9	0	0
Pacific Contiguous	**0**	**85**	**0**	**6**	**9**	**0**	**1,254**
California	0	525	0	5	9	0	0
Oregon	0	0	0	181	0	0	0
Washington	0	76	0	0	0	0	1,254
Pacific Noncontiguous	**158**	**124**	**0**	**443**	**102**	**0**	**215**
Alaska	0	107	0	443	1,086	0	0
Hawaii	158	133	0	0	95	0	215
U.S. Total	**5**	**41**	**33**	**2**	**10**	**0**	**15**

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

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

Industrial Sector by Census Division and State, March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**0**	**7**	**0**	**40**	**10**
Connecticut	0	0	0	0	0	0	0	69
Maine	0	0	0	0	10	0	53	10
Massachusetts	0	0	0	0	0	0	0	18
New Hampshire	0	0	0	0	0	0	0	211
Vermont	0	0	0	0	0	0	0	196
Middle Atlantic	**0**	**0**	**0**	**102**	**14**	**0**	**0**	**13**
New Jersey	0	0	0	254	254	0	0	49
New York	0	0	0	0	5	0	0	17
Pennsylvania	0	0	0	111	20	0	0	16
East North Central	**0**	**0**	**0**	**0**	**12**	**0**	**13**	**8**
Illinois	0	0	0	0	0	0	32	11
Indiana	0	0	0	0	81	0	0	14
Michigan	0	0	0	0	20	0	0	29
Ohio	0	0	0	0	16	0	0	25
Wisconsin	0	0	0	0	19	0	79	16
West North Central	**0**	**0**	**0**	**0**	**15**	**0**	**68**	**12**
Iowa	0	0	0	0	0	0	0	13
Kansas	0	0	0	0	0	0	0	143
Minnesota	0	0	0	0	16	0	68	23
Missouri	0	0	0	0	182	0	0	74
Nebraska	0	0	0	0	0	0	0	47
North Dakota	0	0	0	0	684	0	0	84
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**6**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	12	0	7	7
Georgia	0	0	0	0	7	0	5	6
Maryland	0	0	0	0	0	0	0	17
North Carolina	0	0	0	0	12	0	0	12
South Carolina	0	0	0	0	1	0	0	3
Virginia	0	0	0	0	9	0	0	9
West Virginia	0	0	0	0	0	0	0	7
East South Central	**0**	**0**	**0**	**0**	**7**	**0**	**0**	**5**
Alabama	0	0	0	0	11	0	0	9
Kentucky	0	0	0	0	7	0	0	27
Mississippi	0	0	0	0	6	0	0	5
Tennessee	0	0	0	0	22	0	0	8
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**17**	**2**
Arkansas	0	0	0	0	6	0	0	6
Louisiana	0	0	0	0	12	0	16	3
Oklahoma	0	0	0	0	37	0	104	29
Texas	0	0	0	0	18	0	26	2
Mountain	**0**	**0**	**0**	**195**	**3**	**0**	**13**	**10**
Colorado	0	0	0	0	212	0	76	76
Idaho	0	0	0	0	2	0	0	19
Montana	0	0	0	0	0	0	0	183
Nevada	0	0	0	195	195	0	0	66
New Mexico	0	0	0	0	0	0	0	5,597
Utah	0	0	0	0	0	0	0	10
Wyoming	0	0	0	0	0	0	0	19
Pacific Contiguous	**0**	**0**	**0**	**128**	**12**	**0**	**11**	**4**
California	0	0	0	128	29	0	13	5
Oregon	0	0	0	0	18	0	0	27
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**34**	**0**	**0**	**64**
Alaska	0	0	0	0	0	0	0	257
Hawaii	0	0	0	0	34	0	0	66
U.S. Total	**0**	**0**	**0**	**76**	**4**	**0**	**7**	**2**

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

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

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

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	**23**	**87**	**0**	**24**	**0**	**0**	**36**
Connecticut	0	401	0	69	0	0	0
Maine	0	67	0	24	0	0	35
Massachusetts	102	158	0	103	0	0	420
New Hampshire	0	1,050	0	226	0	0	544
Vermont	0	0	0	0	0	0	196
Middle Atlantic	**14**	**76**	**87**	**31**	**29**	**0**	**121**
New Jersey	0	638	166	58	97	0	0
New York	0	57	0	56	0	0	121
Pennsylvania	21	625	100	45	23	0	0
East North Central	**6**	**244**	**53**	**42**	**20**	**0**	**134**
Illinois	7	11,208	0	71	72	0	0
Indiana	83	39	0	39	17	0	0
Michigan	30	210	119	124	0	0	329
Ohio	20	1,071	324	116	51	0	0
Wisconsin	9	1,126	0	148	0	0	147
West North Central	**9**	**193**	**0**	**198**	**198**	**0**	**160**
Iowa	9	900	0	396	0	0	0
Kansas	0	0	0	143	0	0	0
Minnesota	24	244	0	293	0	0	160
Missouri	77	0	0	1,176	0	0	0
Nebraska	30	0	0	622	0	0	0
North Dakota	63	325	0	702	198	0	0
South Atlantic	**12**	**41**	**0**	**8**	**0**	**0**	**12**
Delaware	0	0	0	0	0	0	0
Florida	70	106	0	14	0	0	0
Georgia	16	44	0	17	0	0	203
Maryland	0	0	0	137	0	0	0
North Carolina	70	135	0	51	0	0	27
South Carolina	15	0	0	84	0	0	0
Virginia	27	105	0	23	0	0	263
West Virginia	9	0	0	332	0	0	7
East South Central	**7**	**98**	**0**	**9**	**29**	**0**	**24**
Alabama	52	83	0	14	31	0	0
Kentucky	0	0	0	73	0	0	0
Mississippi	0	0	0	8	0	0	0
Tennessee	4	1,761	0	62	0	0	24
West South Central	**44**	**80**	**54**	**2**	**7**	**0**	**0**
Arkansas	0	0	0	25	0	0	0
Louisiana	401	0	72	3	7	0	0
Oklahoma	50	0	0	80	0	0	0
Texas	0	493	55	2	11	0	0
Mountain	**15**	**307**	**0**	**25**	**10**	**0**	**0**
Colorado	333	9,589	0	226	0	0	0
Idaho	67	0	0	198	0	0	0
Montana	183	0	0	0	0	0	0
Nevada	0	0	0	68	0	0	0
New Mexico	0	5,597	0	0	0	0	0
Utah	0	2,803	0	25	385	0	0
Wyoming	30	195	0	41	9	0	0
Pacific Contiguous	**0**	**85**	**0**	**6**	**9**	**0**	**1,254**
California	0	525	0	5	9	0	0
Oregon	0	0	0	181	0	0	0
Washington	0	76	0	0	0	0	1,254
Pacific Noncontiguous	**158**	**124**	**0**	**443**	**102**	**0**	**215**
Alaska	0	107	0	443	1,086	0	0
Hawaii	158	133	0	0	95	0	215
U.S. Total	**5**	**41**	**33**	**2**	**10**	**0**	**15**

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

Industrial Sector by Census Division and State, Year-to-Date through March 2014 (Continued)

Census Region and State	Wind	Geothermal	Biomass	Solar Thermal and Photovoltaic	Other Renewables	Hydroelectric Pumped Storage	Other Energy Sources	All Energy Sources
New England	**0**	**0**	**0**	**0**	**7**	**0**	**40**	**10**
Connecticut	0	0	0	0	0	0	0	69
Maine	0	0	0	0	10	0	53	10
Massachusetts	0	0	0	0	0	0	0	18
New Hampshire	0	0	0	0	0	0	0	211
Vermont	0	0	0	0	0	0	0	196
Middle Atlantic	**0**	**0**	**0**	**102**	**14**	**0**	**0**	**13**
New Jersey	0	0	0	254	254	0	0	49
New York	0	0	0	0	5	0	0	17
Pennsylvania	0	0	0	111	20	0	0	16
East North Central	**0**	**0**	**0**	**0**	**12**	**0**	**13**	**8**
Illinois	0	0	0	0	0	0	32	11
Indiana	0	0	0	0	81	0	0	14
Michigan	0	0	0	0	20	0	0	29
Ohio	0	0	0	0	16	0	0	25
Wisconsin	0	0	0	0	19	0	79	16
West North Central	**0**	**0**	**0**	**0**	**15**	**0**	**68**	**12**
Iowa	0	0	0	0	0	0	0	13
Kansas	0	0	0	0	0	0	0	143
Minnesota	0	0	0	0	16	0	68	23
Missouri	0	0	0	0	182	0	0	74
Nebraska	0	0	0	0	0	0	0	47
North Dakota	0	0	0	0	684	0	0	84
South Atlantic	**0**	**0**	**0**	**0**	**4**	**0**	**6**	**3**
Delaware	0	0	0	0	0	0	0	0
Florida	0	0	0	0	12	0	7	7
Georgia	0	0	0	0	7	0	5	6
Maryland	0	0	0	0	0	0	0	17
North Carolina	0	0	0	0	12	0	0	12
South Carolina	0	0	0	0	1	0	0	3
Virginia	0	0	0	0	9	0	0	9
West Virginia	0	0	0	0	0	0	0	7
East South Central	**0**	**0**	**0**	**0**	**7**	**0**	**0**	**5**
Alabama	0	0	0	0	11	0	0	9
Kentucky	0	0	0	0	7	0	0	27
Mississippi	0	0	0	0	6	0	0	5
Tennessee	0	0	0	0	22	0	0	8
West South Central	**0**	**0**	**0**	**0**	**7**	**0**	**17**	**2**
Arkansas	0	0	0	0	6	0	0	6
Louisiana	0	0	0	0	12	0	16	3
Oklahoma	0	0	0	0	37	0	104	29
Texas	0	0	0	0	18	0	26	2
Mountain	**0**	**0**	**0**	**195**	**3**	**0**	**13**	**10**
Colorado	0	0	0	0	212	0	76	76
Idaho	0	0	0	0	2	0	0	19
Montana	0	0	0	0	0	0	0	183
Nevada	0	0	0	195	195	0	0	66
New Mexico	0	0	0	0	0	0	0	5,597
Utah	0	0	0	0	0	0	0	10
Wyoming	0	0	0	0	0	0	0	19
Pacific Contiguous	**0**	**0**	**0**	**128**	**12**	**0**	**11**	**4**
California	0	0	0	128	29	0	13	5
Oregon	0	0	0	0	18	0	0	27
Washington	0	0	0	0	13	0	0	11
Pacific Noncontiguous	**0**	**0**	**0**	**0**	**34**	**0**	**0**	**64**
Alaska	0	0	0	0	0	0	0	257
Hawaii	0	0	0	0	34	0	0	66
U.S. Total	**0**	**0**	**0**	**76**	**4**	**0**	**7**	**2**

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

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	9	0	3
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	3	0	0
New York	0	0	3	0	0
Pennsylvania	0	0	1	0	0
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	2	0	1
Indiana	1	1	2	0	1
Michigan	1	1	1	0	0
Ohio	1	1	2	0	1
Wisconsin	1	1	2	0	1
West North Central	**1**	**1**	**1**	**0**	**1**
Iowa	2	3	2	0	1
Kansas	3	2	3	0	1
Minnesota	1	2	2	0	1
Missouri	2	1	6	0	1
Nebraska	2	3	3	0	1
North Dakota	1	2	4	0	1
South Dakota	2	4	4	0	2
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	2	1	10	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	2	0	1
Georgia	2	1	2	0	1
Maryland	1	1	5	0	1
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	0	2	0	1
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	2	3	0	2
Mississippi	3	2	2	0	2
Tennessee	1	1	5	0	1
West South Central	**1**	**1**	**1**	**1**	**1**
Arkansas	2	2	2	429	1
Louisiana	2	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	1	1	0	1
Mountain	**1**	**1**	**1**	**0**	**0**
Arizona	1	1	1	0	1
Colorado	2	1	2	0	1
Idaho	1	2	1	0	1
Montana	2	3	3	0	1
Nevada	1	1	0	0	0
New Mexico	3	2	3	0	2
Utah	3	2	1	0	1
Wyoming	2	3	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	1	0	1	0	0
Oregon	1	2	3	0	1
Washington	1	2	2	0	1
Pacific Noncontiguous	**1**	**2**	**1**	**0**	**1**
Alaska	3	4	4	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**0**	**0**

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

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**0**	**3**	**0**	**1**
Connecticut	1	1	4	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	7	0	1
New Hampshire	1	1	4	0	1
Rhode Island	0	0	0	0	0
Vermont	4	3	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	1	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	0	1	0	0
East North Central	**1**	**0**	**1**	**0**	**0**
Illinois	1	1	1	0	1
Indiana	1	1	2	0	1
Michigan	0	1	1	0	0
Ohio	1	1	2	0	1
Wisconsin	1	1	1	0	1
West North Central	**1**	**1**	**1**	**0**	**0**
Iowa	1	2	2	0	1
Kansas	2	1	3	0	1
Minnesota	1	1	2	0	1
Missouri	2	1	4	0	1
Nebraska	1	2	2	0	1
North Dakota	1	1	3	0	1
South Dakota	2	3	3	0	1
South Atlantic	**1**	**0**	**1**	**0**	**0**
Delaware	2	1	8	0	2
District of Columbia	0	0	0	0	0
Florida	1	1	2	0	1
Georgia	2	1	1	0	1
Maryland	1	1	4	0	1
North Carolina	1	1	1	0	1
South Carolina	2	1	1	0	1
Virginia	1	0	1	0	0
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**1**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	1	3	0	1
Mississippi	2	2	2	0	1
Tennessee	1	1	4	0	1
West South Central	**1**	**0**	**1**	**1**	**0**
Arkansas	2	2	2	385	1
Louisiana	2	1	1	0	1
Oklahoma	2	1	2	0	1
Texas	1	1	1	0	0
Mountain	**1**	**1**	**1**	**0**	**0**
Arizona	1	1	1	0	1
Colorado	2	1	2	0	1
Idaho	1	1	1	0	1
Montana	2	2	2	0	1
Nevada	1	1	0	0	0
New Mexico	2	2	3	0	1
Utah	2	1	1	0	1
Wyoming	2	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	3	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	2	3	4	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**0**	**0**

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

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**3**	**49**	**0**
Connecticut	0	1	4	0	0
Maine	1	2	2	0	1
Massachusetts	1	1	5	106	1
New Hampshire	1	1	4	0	1
Rhode Island	0	9	0	0	4
Vermont	2	2	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	1	2	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	3	0	1
Indiana	1	1	2	0	1
Michigan	1	1	1	0	0
Ohio	1	1	3	0	1
Wisconsin	1	1	3	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	2	2	3	0	1
Kansas	3	2	5	0	2
Minnesota	1	1	3	0	1
Missouri	1	1	6	0	1
Nebraska	2	3	4	0	2
North Dakota	2	2	6	0	2
South Dakota	3	3	6	0	2
South Atlantic	**1**	**1**	**1**	**26**	**0**
Delaware	1	9	9	0	4
District of Columbia	0	7	0	68	6
Florida	1	1	4	0	1
Georgia	2	1	3	0	1
Maryland	1	1	3	0	0
North Carolina	1	1	3	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	3	0	1
West Virginia	0	1	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	2	2	0	1
Kentucky	2	2	4	0	1
Mississippi	3	2	4	0	2
Tennessee	1	1	5	0	1
West South Central	**1**	**1**	**1**	**2**	**1**
Arkansas	3	3	4	416	2
Louisiana	2	1	1	0	1
Oklahoma	3	2	5	0	2
Texas	1	1	2	0	1
Mountain	**1**	**1**	**1**	**0**	**1**
Arizona	2	1	3	0	1
Colorado	3	2	4	0	2
Idaho	1	2	2	0	1
Montana	2	2	6	0	2
Nevada	1	1	1	0	1
New Mexico	5	3	6	0	3
Utah	3	2	2	0	2
Wyoming	3	2	2	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	1	0	2	0	0
Oregon	1	1	5	0	1
Washington	1	1	3	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	3	3	5	0	2
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**1**	**5**	**0**

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

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**27**	**0**
Connecticut	0	0	3	0	0
Maine	1	1	2	0	1
Massachusetts	1	1	5	64	1
New Hampshire	1	0	4	0	1
Rhode Island	0	8	0	0	3
Vermont	3	2	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	1	0	0
Pennsylvania	0	1	1	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	3	0	1
Indiana	1	1	2	0	1
Michigan	0	0	1	0	0
Ohio	1	1	3	0	1
Wisconsin	1	1	2	0	1
West North Central	**1**	**1**	**2**	**0**	**1**
Iowa	2	2	3	0	1
Kansas	2	2	4	0	1
Minnesota	1	1	2	0	1
Missouri	2	1	6	0	1
Nebraska	2	2	3	0	1
North Dakota	1	1	4	0	1
South Dakota	2	2	4	0	1
South Atlantic	**1**	**0**	**1**	**17**	**0**
Delaware	2	8	8	0	3
District of Columbia	0	6	0	54	5
Florida	1	1	3	0	1
Georgia	2	1	2	0	1
Maryland	1	1	3	0	0
North Carolina	1	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	1	2	0	1
Kentucky	2	1	3	0	1
Mississippi	2	2	3	0	1
Tennessee	1	1	5	0	1
West South Central	**1**	**1**	**1**	**1**	**1**
Arkansas	2	2	3	359	1
Louisiana	2	1	1	0	1
Oklahoma	2	2	3	0	1
Texas	1	1	1	0	1
Mountain	**1**	**1**	**1**	**0**	**0**
Arizona	1	1	2	0	1
Colorado	2	2	4	0	1
Idaho	1	1	2	0	1
Montana	2	2	4	0	1
Nevada	1	1	1	0	1
New Mexico	3	3	5	0	2
Utah	3	2	2	0	1
Wyoming	2	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	3	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**0**
Alaska	3	3	4	0	2
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, March 2014

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**0**	**1**	**2**	**49**	**0**
Connecticut	0	0	4	0	1
Maine	0	2	0	0	1
Massachusetts	1	0	4	106	1
New Hampshire	0	0	2	0	1
Rhode Island	0	9	0	0	4
Vermont	2	1	3	0	1
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	1	0	0
New York	0	0	2	0	0
Pennsylvania	0	1	2	0	1
East North Central	**0**	**0**	**0**	**0**	**0**
Illinois	0	0	1	0	0
Indiana	1	0	1	0	0
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	3	0	1
Minnesota	1	1	2	0	1
Missouri	1	0	2	0	1
Nebraska	1	1	3	0	1
North Dakota	1	1	4	0	1
South Dakota	1	2	5	0	1
South Atlantic	**0**	**0**	**1**	**26**	**0**
Delaware	1	9	3	0	3
District of Columbia	0	7	0	68	6
Florida	0	0	2	0	0
Georgia	1	1	2	0	0
Maryland	0	0	2	0	0
North Carolina	1	1	2	0	0
South Carolina	1	1	1	0	1
Virginia	0	0	2	0	0
West Virginia	0	0	0	0	0
East South Central	**0**	**0**	**1**	**0**	**0**
Alabama	1	1	1	0	1
Kentucky	1	0	1	0	1
Mississippi	1	1	2	0	1
Tennessee	1	0	1	0	1
West South Central	**0**	**0**	**1**	**1**	**0**
Arkansas	1	2	2	124	1
Louisiana	1	1	1	0	0
Oklahoma	1	1	3	0	1
Texas	1	1	1	0	0
Mountain	**0**	**1**	**1**	**0**	**0**
Arizona	1	1	2	0	1
Colorado	1	1	3	0	1
Idaho	1	1	2	0	1
Montana	1	1	5	0	1
Nevada	0	1	1	0	0
New Mexico	2	2	4	0	2
Utah	1	2	1	0	1
Wyoming	1	1	2	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	4	0	1
Washington	0	1	3	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	2	2	4	0	1
Hawaii	0	0	0	0	0
U.S. Total	**0**	**0**	**0**	**5**	**0**

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

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

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

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	**1**	**1**	**3**	**27**	**1**
Connecticut	1	1	4	0	1
Maine	1	1	2	0	1
Massachusetts	1	1	6	64	1
New Hampshire	1	1	4	0	1
Rhode Island	0	8	0	0	3
Vermont	3	2	7	0	2
Middle Atlantic	**0**	**0**	**1**	**0**	**0**
New Jersey	0	0	2	0	0
New York	0	0	2	0	0
Pennsylvania	0	1	1	0	1
East North Central	**0**	**0**	**1**	**0**	**0**
Illinois	1	1	3	0	1
Indiana	1	1	2	0	1
Michigan	0	1	1	0	0
Ohio	1	1	2	0	1
Wisconsin	1	1	2	0	1
West North Central	**1**	**1**	**1**	**0**	**1**
Iowa	2	2	2	0	1
Kansas	2	2	3	0	1
Minnesota	1	1	2	0	1
Missouri	1	1	5	0	1
Nebraska	2	2	3	0	1
North Dakota	1	1	4	0	1
South Dakota	2	3	4	0	2
South Atlantic	**1**	**0**	**1**	**17**	**0**
Delaware	2	8	8	0	3
District of Columbia	0	6	0	54	5
Florida	1	1	3	0	1
Georgia	2	1	2	0	1
Maryland	1	1	3	0	1
North Carolina	1	1	2	0	1
South Carolina	2	1	2	0	1
Virginia	1	1	2	0	1
West Virginia	0	0	0	0	0
East South Central	**1**	**1**	**2**	**0**	**1**
Alabama	2	1	1	0	1
Kentucky	2	1	3	0	1
Mississippi	2	2	3	0	1
Tennessee	1	1	5	0	1
West South Central	**1**	**1**	**1**	**1**	**0**
Arkansas	2	2	3	378	1
Louisiana	2	1	1	0	1
Oklahoma	2	2	3	0	1
Texas	1	1	1	0	1
Mountain	**1**	**1**	**1**	**0**	**0**
Arizona	1	1	2	0	1
Colorado	2	2	3	0	1
Idaho	1	1	2	0	1
Montana	2	2	4	0	1
Nevada	1	1	1	0	1
New Mexico	3	3	5	0	2
Utah	2	2	1	0	1
Wyoming	2	2	1	0	1
Pacific Contiguous	**0**	**0**	**1**	**0**	**0**
California	0	0	1	0	0
Oregon	1	1	3	0	1
Washington	1	1	2	0	1
Pacific Noncontiguous	**1**	**1**	**1**	**0**	**1**
Alaska	3	3	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 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 7:01 AM	01/07/2014 9:00 AM	25 Hours, 59 Minutes	ERCOT	TRE	Texas	Public Appeal due to Severe Weather - Cold	N/A	N/A
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PJM Interconnection	RFC	Unknown	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PJM Interconnection	RFC	Unknown	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PPL Electric Utilities Corp	RFC	Pennsylvania	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	Potomac Electric Power Co	RFC	District of Columbia	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	PPL Electric Utilities Corp	RFC	Pennsylvania	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:44 PM	0 Hours, 54 Minutes	Potomac Electric Power Co	RFC	District of Columbia	Voltage Reduction due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/06/2014 7:50 PM	01/06/2014 8:49 PM	0 Hours, 59 Minutes	UGI Utilities, Inc	RFC	Pennsylvania	Voltage Reduction due to Severe Weather - Cold	200	62000
2014	1	01/06/2014 7:50 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 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 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	01/06/2014 10:00 PM	01/06/2014 10:01 PM	0 Hours, 1 Minutes	Louisville Gas & Electric Co	RFC	Kentucky	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Tennessee Valley Authority	SERC	Northeast Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Tennessee Valley Authority	SERC	Northeast Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 6:00 AM	01/07/2014 8:30 AM	2 Hours, 30 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/07/2014 7:58 AM	01/07/2014 11:00 AM	3 Hours, 2 Minutes	Duke Energy Progress	SERC	North Carolina	Voltage Reduction; Public Appeal due to Severe Weather - Cold	14435	Unknown
2014	1	01/07/2014 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 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 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 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 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	01/07/2014 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 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	01/08/2014 6:00 AM	01/08/2014 9:00 AM	3 Hours, 0 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Voltage Reduction; Public Appeal; Load Shed 100+MW due to Severe Weather - Cold	4545	677858
2014	1	01/18/2014 9:00 AM	01/18/2014 9:45 AM	0 Hours, 45 Minutes	ERCOT	TRE	Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	1	01/18/2014 5:39 PM	ongoing	ongoing	First Energy Solutions Corp.	RFC	Unknown	Electrical System Islanding	Unknown	Unknown
2014	1	01/23/2014 4:00 AM	01/24/2014 12:00 PM	32 Hours, 0 Minutes	Memphis Light Gas and Water Division	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 1:04 PM	01/24/2014 9:00 AM	19 Hours, 56 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/23/2014 4:00 PM	01/24/2014 12:00 PM	20 Hours, 0 Minutes	Tennessee Valley Authority	SERC	Tennessee	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	1	01/24/2014 12:00 AM	ongoing	ongoing	We Energies	RFC	Wisconsin	Fuel Supply Emergency - Coal	Unknown	
2014	1	01/27/2014 2:20 PM	01/28/2014 9:00 PM	30 Hours, 40 Minutes	PJM Interconnection	RFC	Maryland	Public Appeal due to Severe Weather - Cold	Unknown	Unknown
2014	2	02/05/2014 12:00 AM	02/09/2014 6:00 PM	114 Hours, 0 Minutes	FirstEnergy Corp: Potomac Edison	RFC	Maryland, West Virginia	Severe Weather - Snow/Ice	Unknown	101580
2014	2	02/05/2014 1:00 AM	02/09/2014 8:40 PM	115 Hours, 40 Minutes	FirstEnergy Corp: Met-Ed	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	144000
2014	2	02/05/2014 5:00 AM	02/05/2014 5:01 AM	0 Hours, 1 Minutes	Exelon Corporation/PECO	RFC	Pennsylvania	Severe Weather - Snow/Ice	Unknown	715000
2014	2	02/05/2014 7:00 AM	02/23/2014 7:00 AM	432 Hours, 0 Minutes	Upstate New York Power Producers	NPCC	New York	Fuel Supply Emergency - Coal	300	Unknown
2014	2	02/05/2014 7:35 AM	02/07/2014 4:03 AM	44 Hours, 28 Minutes	PPL Electric Utilities Corp	RFC	Lancaster Region, Pennsylvania	Severe Weather - Snow/Ice	Unknown	62159
2014	2	02/05/2014 8:05 AM	02/05/2014 8:06 AM	0 Hours, 1 Minutes	Baltimore Gas & Electric Company	RFC	Baltimore, Maryland	Severe Weather - Ice	800	181000
2014	2	02/06/2014 1:00 PM	02/06/2014 10:00 PM	9 Hours, 0 Minutes	California ISO	WECC	California	Fuel Supply Emergency - Natural Gas	4000	Unknown
2014	2	02/06/2014 1:05 PM	02/06/2014 7:15 PM	6 Hours, 10 Minutes	Pacific Gas & Electric Co	WECC	Northern California	Fuel Supply Emergency - Natural Gas	160	Unknown
2014	2	02/06/2014 1:58 PM	02/06/2014 8:40 PM	6 Hours, 42 Minutes	American Electric Power	TRE	Rio Grande Valley Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/06/2014 2:15 PM	02/06/2014 7:39 PM	5 Hours, 24 Minutes	Southern California Edison	WECC	California	Fuel Supply Emergency - Natural Gas	611	Unknown
2014	2	02/06/2014 3:35 PM	02/07/2014 11:30 AM	19 Hours, 55 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 7:00 AM	03/21/2014 8:00 AM	1,009 Hours, 0 Minutes	Somerset Operating Company, LLC	NPCC	Niagara County New York	Fuel Supply Emergency - Coal	675	Unknown
2014	2	02/07/2014 4:30 PM	02/08/2014 9:00 AM	16 Hours, 30 Minutes	ERCOT	TRE	ERCOT Region Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/07/2014 4:50 PM	02/07/2014 8:30 PM	3 Hours, 40 Minutes	American Electric Power	TRE	Texas	Public Appeal to Reduce Electricity Usage	Unknown	Unknown
2014	2	02/12/2014 7:48 AM	02/15/2014 4:30 AM	68 Hours, 42 Minutes	Southern Company	SERC	Northern/Northeastern Georgia	Severe Weather - Snow/Ice	1246	373835
2014	2	02/12/2014 11:03 AM	02/15/2014 8:40 AM	69 Hours, 37 Minutes	South Carolina Electric and Gas	SERC	South Carolina	Severe Weather - Snow/Ice	700	120124
2014	2	02/12/2014 12:10 PM	02/15/2014 3:20 PM	75 Hours, 10 Minutes	Duke Energy Progress	SERC	North Carolina	Severe Weather - Snow/Ice	Unknown	200000
2014	2	02/20/2014 4:40 PM	02/21/2014 11:59 PM	31 Hours, 19 Minutes	Ameren Missouri	SERC	Missouri, Illinois	Severe Weather - Snow/Ice	Unknown	66000

Table B.1 Major Disturbances and Unusual Occurrences, Year-to-Date 2014

Year	Month	Event Date and Time	Restoration Date and Time	Duration	Utility/Power Pool	NERC Region	Area Affected	Type of Disturbance	Loss (megawatts)	Number of Customers Affected
2014	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

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

Table B.2 Major Disturbances and Unusual Occurrences, 2013

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

Table B.2 Major Disturbances and Unusual Occurrences, 2013

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

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

Appendix C

Technical notes

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

Data quality

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

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

Reliability of data

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

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

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

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

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

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

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

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

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

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

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

Data revision procedure

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

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

Data sources for Electric Power Monthly

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

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

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

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

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

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

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

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

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

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

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

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

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

Form EIA-826

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form EIA-860

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

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

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

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

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

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

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

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

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

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

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

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

Form EIA-860M

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

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

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

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

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

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

Form EIA-861

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

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

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

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

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

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

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

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

Form EIA-923

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

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

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

Instrument and design history:

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

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

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

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

Generation, consumption, and stocks

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Issues within historical data series:

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

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

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

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

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

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

Average Capacity Factors

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

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

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

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

NERC classification

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

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

The new NERC Regional Council names are as follows:

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

Business classification

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

Agriculture, Forestry, and Fishing

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

Mining

211 Oil and gas extraction
2121 Coal mining
2122 Metal mining

2123 Mining and quarrying of nonmetallic minerals except fuels

Construction

23

Manufacturing

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

Transportation and Public Utilities

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

Wholesale Trade

421 to 422

Retail Trade

441 to 454

Finance, Insurance, and Real Estate

521 to 533

Services

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

Public Administration

92

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

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

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

Table C.1 Average Heat Content of Fossil-Fuel Receipts, March 2014

Census Division and State	Coal (Million Btu per Ton)	Petroleum Liquids (Million Btu per Barrel)	Petroleum Coke (Million Btu per Ton)	Natural Gas (Million Btu per Thousand Cubic Feet)
New England	21.58	6.05	--	1.03
Connecticut	18.41	5.86	--	1.02
Maine	25.07	6.26	--	1.02
Massachusetts	23.21	6.16	--	1.03
New Hampshire	26.13	5.80	--	1.03
Rhode Island	--	5.82	--	1.03
Vermont	--	--	--	--
Middle Atlantic	23.47	6.09	--	1.03
New Jersey	25.62	5.87	--	1.04
New York	22.71	6.24	--	1.03
Pennsylvania	23.51	5.80	--	1.04
East North Central	20.51	5.79	27.86	1.03
Illinois	17.67	5.79	--	1.02
Indiana	22.41	5.75	28.00	1.02
Michigan	19.11	5.81	27.49	1.02
Ohio	24.12	5.79	27.80	1.04
Wisconsin	18.31	5.81	28.15	1.02
West North Central	16.71	5.78	--	1.03
Iowa	17.34	5.73	--	1.04
Kansas	17.21	5.79	--	1.02
Minnesota	17.81	5.76	--	1.03
Missouri	17.67	5.79	--	1.02
Nebraska	16.91	5.78	--	1.04
North Dakota	13.12	5.82	--	--
South Dakota	16.61	--	--	1.02
South Atlantic	23.63	5.86	28.24	1.02
Delaware	25.88	5.67	--	1.05
District of Columbia	--	--	--	--
Florida	23.72	5.78	28.37	1.02
Georgia	20.20	5.85	26.19	1.02
Maryland	24.17	5.96	--	1.05
North Carolina	24.73	5.77	--	1.02
South Carolina	25.10	5.82	--	1.02
Virginia	23.62	5.81	--	1.04
West Virginia	24.33	5.74	--	1.02
East South Central	21.68	5.78	28.26	1.02
Alabama	20.79	5.76	--	1.02
Kentucky	22.73	5.82	28.26	1.03
Mississippi	18.35	5.90	--	1.02
Tennessee	21.09	5.76	--	1.01
West South Central	16.17	5.79	28.74	1.03
Arkansas	17.62	5.74	--	1.02
Louisiana	17.34	5.79	28.74	1.03
Oklahoma	17.24	5.80	--	1.03
Texas	15.60	5.80	--	1.02
Mountain	18.96	5.77	--	1.04
Arizona	19.30	5.78	--	1.03
Colorado	18.98	5.88	--	1.05
Idaho	--	--	--	1.01
Montana	16.79	5.92	--	--
Nevada	21.71	5.81	--	1.03
New Mexico	18.03	5.66	--	1.03
Utah	22.04	5.86	--	1.03
Wyoming	17.50	5.88	--	1.03
Pacific Contiguous	17.60	6.00	--	1.03
California	23.49	--	--	1.03
Oregon	16.69	--	--	1.02
Washington	16.77	6.00	--	1.04
Pacific Noncontiguous	20.96	6.17	--	1.01
Alaska	--	--	--	1.01
Hawaii	20.96	6.17	--	--
U.S. Total	19.68	6.05	28.29	1.03

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

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

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

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

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

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

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

Table C.4. Unit of Measure Equivalents for Electricity

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

Source: U.S. Energy Information Administration

Glossary

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Geothermal: Pertaining to heat within the Earth.

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

Gigawatt (GW): One billion watts.

Gigawatthour (GWh): One billion watthours.

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

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

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

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

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

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

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

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

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

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

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

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

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

Kilowatt (kW): One thousand watts.

Kilowatthour (kWh): One thousand watthours.

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

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

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

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts of electricity.

Megawatthour (MWh): One million watthours.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Petroleum coke: See Coke (petroleum).

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

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

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

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

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

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

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

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

Receipts: Purchases of fuel.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Terrawatt: One trillion watts.

Terrawatthour: One trillion kilowatthours.

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

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

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

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

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

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

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

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

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

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

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