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Preface

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

Background

The Office of Energy Production, Conversion & Delivery (EPCD), Energy Information Administration (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, sales of electricity to ultimate consumers, 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		Residential	
					Electric Utilities		Independent Power Producers							
Fuel	Facility Type	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Net Generation (Thousand Megawatthours)														
Coal	Utility Scale Facilities	61,399	57,700	6.4%	48,700	46,214	12,318	11,103	10	NM	370	375	0	0
Petroleum Liquids	Utility Scale Facilities	1,413	906	56.1%	1,149	693	219	165	6	4	39	44	0	0
Petroleum Coke	Utility Scale Facilities	377	383	-1.4%	252	257	103	103	1	0	22	NM	0	0
Natural Gas	Utility Scale Facilities	168,803	161,827	4.3%	87,665	81,374	72,688	71,414	743	727	7,707	8,312	0	0
Other Gas	Utility Scale Facilities	854	894	-4.5%	0	0	281	242	0	0	573	652	0	0
Nuclear	Utility Scale Facilities	68,192	64,965	5.0%	38,907	37,151	29,285	27,814	0	0	0	0	0	0
Hydroelectric Conventional	Utility Scale Facilities	21,207	19,467	8.9%	19,486	18,123	1,616	1,260	NM	NM	81	63	0	0
Renewable Sources Excluding Hydroelectric	Utility Scale Facilities	67,385	50,416	33.7%	10,547	6,840	54,533	41,296	392	406	1,913	1,874	0	0
... Wind	Utility Scale Facilities	38,330	27,545	39.2%	7,015	4,237	31,291	23,290	14	10	10	8	0	0
... Solar Thermal and Photovoltaic	Utility Scale Facilities	23,918	17,631	35.7%	3,121	2,245	20,668	15,283	75	68	54	34	0	0
... Wood and Wood-Derived Fuels	Utility Scale Facilities	2,649	2,646	0.1%	251	234	593	629	10	11	1,796	1,772	0	0
... Other Biomass	Utility Scale Facilities	1,242	1,321	-6.0%	86	83	810	862	293	317	53	60	0	0
... Geothermal	Utility Scale Facilities	1,246	1,273	-2.1%	75	40	1,171	1,232	0	0	0	0	0	0
Hydroelectric Pumped Storage	Utility Scale Facilities	-586	-542	8.1%	-446	-420	-140	-123	0	0	0	0	0	0
Other Energy Sources	Utility Scale Facilities	740	848	-12.7%	14	31	175	273	265	282	286	262	0	0
All Energy Sources	Utility Scale Facilities	389,784	356,863	9.2%	206,274	190,264	171,079	153,549	1,440	1,447	10,991	11,603	0	0
Estimated Small Scale Solar Photovoltaic	Small Scale Facilities	8,618	7,429	16.0%	0	0	0	0	2,281	1,995	475	451	5,862	4,984
Estimated Total Solar Photovoltaic	All Facilities	32,122	24,695	30.1%	3,121	2,245	20,254	14,918	2,356	2,063	529	485	5,862	4,984
Estimated Total Solar	All Facilities	32,536	25,060	29.8%	3,121	2,245	20,668	15,283	2,356	2,063	529	485	5,862	4,984
Consumption of Fossil Fuels for Electricity Generation														
Coal (1000 tons)	Utility Scale Facilities	34,479	33,457	3.1%	26,824	26,075	7,527	7,255	3	3	124	124	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	1,639	1,610	1.8%	1,201	1,291	376	258	21	12	41	49	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	155	147	5.3%	115	107	NM	33	0	0	8	7	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	1,259,100	1,202,013	4.7%	677,199	625,349	530,452	521,735	4,447	4,409	47,002	50,520	0	0
Consumption of Fossil Fuels for Useful Thermal Output														
Coal (1000 tons)	Utility Scale Facilities	722	763	-5.4%	109	115	29	50	26	23	558	575	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	314	218	43.9%	5	6	26	26	67	18	216	169	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	51	51	0.6%	0	0	NM	6	1	0	41	44	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	99,063	98,389	0.7%	4,560	4,488	26,238	24,843	5,701	5,667	62,564	63,391	0	0
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output														
Coal (1000 tons)	Utility Scale Facilities	35,201	34,220	2.9%	26,933	26,191	7,556	7,305	29	25	682	699	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	1,953	1,828	6.8%	1,206	1,297	401	283	88	30	257	218	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	206	198	4.1%	115	107	NM	39	1	0	49	51	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	1,358,164	1,300,402	4.4%	681,759	629,838	556,690	546,578	10,149	10,076	109,566	113,911	0	0
Fuel Stocks (end-of-month)														
Coal (1000 tons)	Utility Scale Facilities	134,020	128,319	4.4%	110,559	104,960	22,916	22,749	49	49	496	560	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	23,747	25,364	-6.4%	13,675	14,752	8,602	8,804	302	319	1,169	1,489	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	574	747	-23.1%	317	525	5	8	1	1	251	213	0	0

Sales, Revenue, and Average Price of Electricity to Ultimate Customers for June									
Total U.S. Electric Power Industry									
Sector	Sales of Electricity to Ultimate Customers (million kWh)			Revenue from Sales of Electricity to Ultimate Customers (million dollars)			Average Price of Electricity to Ultimate Customers (cents/kWh)		
	June 2024	June 2023	Percentage Change	June 2024	June 2023	Percentage Change	June 2024	June 2023	Percentage Change
Residential	139,206	121,568	14.5%	22,845	19,582	16.7%	16.41	16.11	1.9%
Commercial	125,515	117,727	6.6%	16,437	15,035	9.3%	13.10	12.77	2.6%
Industrial	86,809	88,009	-1.4%	7,329	7,113	3.0%	8.44	8.08	4.5%
Transportation	569	568	0.1%	73	70	3.3%	12.76	12.36	3.2%
All Sectors	352,098	327,872	7.4%	46,684	41,800	11.7%	13.26	12.75	4.0%

NM = Not meaningful due to large relative standard error.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Natural gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

Other Gases includes blast furnace gas, hydrogen 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.

Sales of electricity to ultimate customers 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 sales of electricity to ultimate customers and associated revenue accumulate from bills collected for periods of time that vary depending

Table ES1.B. Total Electric Power Industry Summary Statistics, Year-to-Date 2024 and 2023

Net Generation and Consumption of Fuels for January through June														
Fuel	Facility Type	Total (All Sectors)			Electric Power Sector				Commercial		Industrial		Residential	
		June 2024 YTD	June 2023 YTD	Percentage Change	Electric Utilities		Independent Power Producers		June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
					June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD						
Net Generation (Thousand Megawatthours)														
Coal	Utility Scale Facilities	303,027	299,496	1.2%	237,425	228,076	63,346	69,141	95	103	2,160	2,176	0	0
Petroleum Liquids	Utility Scale Facilities	6,285	5,802	8.3%	4,684	4,153	1,299	1,343	40	36	261	270	0	0
Petroleum Coke	Utility Scale Facilities	1,543	2,033	-24.1%	888	1,288	542	593	3	1	111	150	0	0
Natural Gas	Utility Scale Facilities	857,023	813,711	5.3%	431,081	404,218	373,069	358,516	4,199	3,884	48,674	47,093	0	0
Other Gas	Utility Scale Facilities	4,879	5,375	-9.2%	0	0	1,405	1,481	0	0	3,474	3,894	0	0
Nuclear	Utility Scale Facilities	387,501	377,598	2.6%	219,272	216,481	168,229	161,117	0	0	0	0	0	0
Hydroelectric Conventional	Utility Scale Facilities	126,139	125,555	0.5%	113,350	113,978	12,158	10,979	129	132	503	466	0	0
Renewable Sources Excluding Hydroelectric	Utility Scale Facilities	380,751	339,526	12.1%	61,887	53,662	304,963	271,988	2,295	2,231	11,608	11,645	0	0
... Wind	Utility Scale Facilities	247,435	228,659	8.2%	45,183	40,582	202,102	187,916	80	93	70	69	0	0
... Solar Thermal and Photovoltaic	Utility Scale Facilities	102,614	78,691	30.4%	14,723	10,999	87,264	67,204	392	328	235	160	0	0
... Wood and Wood-Derived Fuels	Utility Scale Facilities	15,542	16,002	-2.9%	1,107	1,165	3,509	3,783	41	44	10,885	11,010	0	0
... Other Biomass	Utility Scale Facilities	7,520	7,944	-5.3%	471	504	4,850	5,267	1,782	1,766	418	407	0	0
... Geothermal	Utility Scale Facilities	7,640	8,230	-7.2%	403	413	7,237	7,818	0	0	0	0	0	0
Hydroelectric Pumped Storage	Utility Scale Facilities	-2,358	-2,844	-17.1%	-1,603	-2,193	-754	-651	0	0	0	0	0	0
Other Energy Sources	Utility Scale Facilities	4,406	4,941	-10.8%	71	123	1,237	1,640	1,560	1,533	1,539	1,644	0	0
All Energy Sources	Utility Scale Facilities	2,069,197	1,971,194	5.0%	1,067,054	1,019,786	925,494	876,146	8,320	7,922	68,330	67,339	0	0
Estimated Small Scale Solar Photovoltaic	Small Scale Facilities	42,449	36,153	17.4%	0	0	0	0	11,014	9,829	2,373	2,195	29,062	24,129
Estimated Total Solar Photovoltaic	All Facilities	143,483	113,536	26.4%	14,723	10,999	85,684	65,897	11,406	10,157	2,607	2,355	29,062	24,129
Estimated Total Solar	All Facilities	145,063	114,843	26.3%	14,723	10,999	87,264	67,204	11,406	10,157	2,607	2,355	29,062	24,129
Consumption of Fossil Fuels for Electricity Generation														
Coal (1000 tons)	Utility Scale Facilities	172,657	172,857	-0.1%	132,806	129,264	39,086	42,829	31	34	733	730	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	10,546	10,391	1.5%	7,917	7,767	2,236	2,240	111	93	283	291	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	663	785	-15.5%	450	554	170	179	1	0	42	52	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	6,263,594	5,949,582	5.3%	3,281,569	3,078,068	2,659,798	2,558,741	25,282	24,009	296,945	288,765	0	0
Consumption of Fossil Fuels for Useful Thermal Output														
Coal (1000 tons)	Utility Scale Facilities	4,777	4,911	-2.7%	726	737	236	314	181	181	3,633	3,678	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	1,977	1,746	13.2%	45	38	135	171	364	149	1,434	1,388	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	278	305	-9.0%	1	6	44	63	4	2	229	234	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	614,685	601,428	2.2%	24,973	24,092	155,169	149,191	36,526	35,870	398,018	392,274	0	0
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output														
Coal (1000 tons)	Utility Scale Facilities	177,434	177,768	-0.2%	133,533	130,001	39,322	43,143	213	215	4,367	4,408	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	12,524	12,137	3.2%	7,962	7,805	2,371	2,411	474	241	1,716	1,680	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	941	1,090	-13.7%	451	560	214	242	5	2	271	286	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	6,878,279	6,551,010	5.0%	3,306,542	3,102,159	2,814,966	2,707,932	61,808	59,880	694,963	681,039	0	0

Sales, Revenue, and Average Price of Electricity to Ultimate Customers for January through June									
Sector	Total U.S. Electric Power Industry								
	Sales of Electricity to Ultimate Customers (million kWh)			Revenue from Sales of Electricity to Ultimate Customers (million dollars)			Average Price of Electricity to Ultimate Customers (cents/kWh)		
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	Percentage Change
Residential	709,047	673,983	5.2%	115,370	107,397	7.4%	16.27	15.93	2.1%
Commercial	676,373	651,684	3.8%	86,270	81,739	5.5%	12.75	12.54	1.7%
Industrial	497,633	495,613	0.4%	39,711	39,137	1.5%	7.98	7.90	1.0%
Transportation	3,434	3,282	4.7%	431	406	6.2%	12.56	12.37	1.5%
All Sectors	1,886,486	1,824,561	3.4%	241,782	228,680	5.7%	12.82	12.53	2.3%

YTD = Year to Date

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, 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, hydrogen 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.

Sales of electricity to ultimate customers 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 sales of electricity to ultimate customers and associated revenue accumulate from bills collected for periods of time that vary depending

Table ES2.A. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Physical Units, 2024 and 2023

Total (All Sectors)										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date Receipts		Year-to-Date Cost	
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal (1000 tons)	29,146	34,165	48.11	46.71	174	182	170,999	210,770	47.81	47.84
Petroleum Liquids (1000 barrels)	1,071	1,214	109.45	107.49	99	107	6,854	8,652	116.36	121.21
Petroleum Coke (1000 tons)	127	66	88.55	98.25	3	3	364	789	80.09	125.12
Natural Gas (1000 Mcf)	1,141,136	1,084,790	2.77	2.66	591	591	5,766,902	5,516,844	2.95	3.87

Electric Utilities										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date Receipts		Year-to-Date Cost	
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal (1000 tons)	22,156	26,136	50.20	48.18	129	137	130,947	159,386	50.36	49.21
Petroleum Liquids (1000 barrels)	739	974	109.20	106.17	70	73	5,062	6,350	116.01	122.56
Petroleum Coke (1000 tons)	127	66	88.55	98.25	3	3	364	789	80.09	125.12
Natural Gas (1000 Mcf)	588,505	535,472	3.11	3.01	308	306	2,852,750	2,695,341	3.25	4.47

Independent Power Producers										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date Receipts		Year-to-Date Cost	
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal (1000 tons)	6,508	7,498	40.04	41.04	33	35	37,086	48,171	37.76	41.96
Petroleum Liquids (1000 barrels)	309	225	110.44	113.46	21	25	1,619	2,005	118.72	119.73
Petroleum Coke (1000 tons)	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas (1000 Mcf)	491,655	485,754	2.31	2.20	237	241	2,529,171	2,440,415	2.64	3.21

Commercial Sector										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date Receipts		Year-to-Date Cost	
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal (1000 tons)	0	0	--	--	0	0	6	2	96.74	96.90
Petroleum Liquids (1000 barrels)	0	0	--	--	0	0	0	0	0.00	0.00
Petroleum Coke (1000 tons)	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas (1000 Mcf)	469	598	3.21	2.99	3	3	3,532	4,044	3.32	3.06

Industrial Sector										
Fuel	Receipts		Cost		Number of Plants		Year-to-Date Receipts		Year-to-Date Cost	
	(Physical Units)		(Dollars / Physical Unit)				(Physical Units)		(Dollars / Physical Unit)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal (1000 tons)	483	532	60.11	53.77	12	10	2,960	3,211	60.00	67.59
Petroleum Liquids (1000 barrels)	23	15	104.50	103.52	8	9	172	298	104.51	102.10
Petroleum Coke (1000 tons)	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas (1000 Mcf)	60,508	62,967	2.58	2.54	43	41	381,449	377,044	2.50	3.14

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.

Natural Gas includes a small amount of supplemental gaseous fuels that cannot be identified separately.

Table ES2.B. Summary Statistics: Receipts and Cost of Fossil Fuels for the Electric Power Industry by Sector, Btus, 2024 and 2023

Total (All Sectors)										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal	556,372	645,337	2.52	2.47	174	182	3,244,809	3,985,513	2.52	2.53
Petroleum Liquids	6,530	7,391	17.95	17.66	99	107	41,700	52,510	19.12	19.96
Petroleum Coke	3,620	1,853	3.11	3.48	3	3	10,223	22,268	2.85	4.44
Natural Gas	1,177,548	1,118,676	2.69	2.58	591	591	5,955,590	5,694,050	2.86	3.75
Fossil Fuels	1,744,070	1,773,257	2.69	2.60	700	705	9,252,322	9,754,341	2.81	3.32

Electric Utilities										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal	429,392	501,196	2.59	2.51	129	137	2,534,797	3,045,937	2.60	2.57
Petroleum Liquids	4,494	5,927	17.94	17.45	70	73	30,801	38,437	19.07	20.25
Petroleum Coke	3,620	1,853	3.11	3.48	3	3	10,223	22,268	2.85	4.44
Natural Gas	606,438	551,525	3.02	2.93	308	306	2,940,935	2,777,957	3.15	4.33
Fossil Fuels	1,043,944	1,060,501	2.91	2.81	390	390	5,516,756	5,884,598	2.99	3.53

Independent Power Producers										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal	117,305	133,987	2.22	2.29	33	35	650,085	874,907	2.15	2.31
Petroleum Liquids	1,894	1,371	18.04	18.64	21	25	9,843	12,263	19.53	19.53
Petroleum Coke	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas	508,357	502,016	2.23	2.13	237	241	2,618,570	2,524,588	2.54	3.10
Fossil Fuels	627,556	637,374	2.28	2.21	262	268	3,278,498	3,411,757	2.51	2.93

Commercial Sector										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal	0	0	--	--	0	0	128	43	4.28	4.28
Petroleum Liquids	0	0	--	--	0	0	0	0	0.00	0.00
Petroleum Coke	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas	486	617	3.10	2.89	3	3	3,664	4,179	3.21	2.97
Fossil Fuels	486	617	3.10	2.89	3	3	3,791	4,221	3.24	2.98

Industrial Sector										
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
Coal	9,675	10,155	3.00	2.82	12	10	59,799	64,628	2.97	3.36
Petroleum Liquids	142	93	16.94	16.41	8	9	1,057	1,810	17.04	16.80
Petroleum Coke	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas	62,267	64,518	2.51	2.48	43	41	392,422	387,327	2.43	3.06
Fossil Fuels	72,084	74,765	2.60	2.54	45	44	453,277	453,764	2.54	3.15

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.

Chapter 1

Net Generation

**Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2014-June 2024
(Thousand Megawatthours)**

Period	Generation at Utility Scale Facilities											Small Scale Generation	Net Generation From Utility and Small Scale Facilities			
	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Solar	Renewable Sources Excluding Hydroelectric and Solar	Hydroelectric Pumped Storage	Other	Total Generation at Utility Scale Facilities	Estimated Solar Photovoltaic	Estimated Total Solar Photovoltaic	Estimated Total Solar	
Annual Totals																
2014	1,581,710	18,276	11,955	1,126,635	12,022	797,166	259,367	17,691	261,522	-6,174	13,393	4,093,564	11,233	26,482	28,924	
2015	1,352,398	17,372	10,877	1,334,668	13,117	797,178	249,080	24,893	270,268	-5,091	13,955	4,078,714	14,139	35,805	39,032	
2016	1,239,149	13,008	11,197	1,379,271	12,807	805,694	267,812	36,054	305,579	-6,686	13,689	4,077,574	18,812	51,483	54,866	
2017	1,205,835	12,414	8,976	1,297,703	12,469	804,950	300,333	53,287	332,963	-6,495	13,008	4,035,443	23,990	74,008	77,277	
2018	1,149,487	16,245	8,981	1,471,843	13,463	807,084	292,524	63,825	350,467	-5,905	12,973	4,180,988	29,539	89,773	93,365	
2019	964,957	11,522	6,819	1,588,533	12,591	809,409	287,874	71,937	368,962	-5,261	13,331	4,130,574	34,957	103,676	106,894	
2020	773,393	9,662	7,679	1,626,790	11,818	789,879	285,274	89,199	408,539	-5,321	12,855	4,009,767	41,522	127,588	130,721	
2021	897,999	11,663	7,511	1,579,190	11,397	779,645	251,585	115,258	448,424	-5,112	12,140	4,109,699	49,164	161,499	164,422	
2022	831,512	15,805	7,126	1,687,067	11,722	771,537	254,789	143,797	502,231	-6,028	11,114	4,230,672	61,282	202,080	205,079	
2023	675,264	11,594	4,878	1,802,062	11,451	775,347	239,855	164,502	489,161	-5,897	9,955	4,178,171	73,619	235,270	238,120	
Year 2022																
January	87,588	3,105	564	134,948	1,005	70,577	24,198	7,822	43,424	-493	1,029	373,766	3,376	11,066	11,198	
February	70,966	1,114	621	114,945	886	61,852	21,321	9,027	43,090	-412	900	324,311	3,717	12,585	12,744	
March	61,019	959	500	112,477	953	63,154	24,436	11,695	48,677	-318	979	324,531	5,121	16,560	16,816	
April	55,329	749	528	105,506	921	55,290	20,066	13,402	51,528	-265	941	303,994	5,671	18,752	19,073	
May	62,532	834	596	127,094	1,036	63,382	23,359	15,121	47,727	-467	971	342,184	6,236	20,986	21,357	
June	73,463	897	683	155,517	987	65,715	25,988	16,053	39,461	-589	959	379,134	6,229	21,910	22,282	
July	86,415	1,045	488	189,042	1,083	68,857	24,567	15,766	35,499	-788	982	422,976	6,438	21,916	22,204	
August	85,215	1,001	576	188,860	1,008	68,897	21,133	14,503	30,657	-640	924	412,134	6,194	20,418	20,697	
Sept	64,998	942	648	156,948	987	63,733	17,026	13,287	32,840	-598	845	351,655	5,544	18,546	18,831	
October	54,228	952	610	133,492	968	58,945	14,367	11,942	38,036	-434	844	313,949	5,022	16,675	16,964	
November	56,377	911	568	127,523	911	62,041	17,898	8,403	46,779	-495	864	321,781	4,035	12,289	12,438	
December	73,381	3,296	744	140,716	978	69,094	20,430	6,777	44,514	-548	876	360,257	3,698	10,377	10,475	
Year 2023																
January	61,275	995	406	137,725	990	70,870	22,287	7,982	45,231	-612	882	348,031	3,992	11,890	11,974	
February	46,488	1,129	335	123,928	912	60,807	18,680	9,251	47,374	-448	801	309,258	4,401	13,543	13,652	
March	50,057	976	323	132,207	961	62,820	20,197	12,144	49,930	-511	814	329,920	6,003	17,994	18,148	
April	40,141	893	301	120,294	717	56,662	17,479	14,755	47,926	-281	739	299,628	6,768	21,228	21,523	
May	43,835	903	286	137,728	901	61,473	27,445	16,927	37,589	-450	857	327,493	7,560	24,187	24,487	
June	57,700	906	383	161,827	894	64,965	19,467	17,631	32,785	-542	848	356,863	7,429	24,695	25,060	
July	79,121	967	702	200,554	995	69,888	21,199	18,880	33,375	-648	870	425,902	7,747	26,246	26,626	
August	78,187	990	701	199,995	1,151	69,744	21,120	17,816	34,127	-644	855	424,042	7,556	25,062	25,372	
Sept	60,001	919	635	165,406	951	65,560	16,469	15,563	33,312	-544	775	359,047	6,623	21,892	22,185	
October	50,956	973	312	140,963	913	61,403	18,076	14,082	41,368	-371	823	329,497	6,094	19,888	20,175	
November	51,231	960	206	135,260	999	62,258	18,100	10,271	42,329	-339	830	322,103	4,958	15,062	15,229	
December	56,271	983	289	146,174	1,067	68,898	19,336	9,200	43,814	-506	862	346,387	4,489	13,582	13,689	
Year 2024																
January	75,662	1,493	317	160,450	1,029	69,080	21,237	9,651	40,487	-411	805	379,799	4,782	14,355	14,434	
February	44,055	775	199	130,990	780	64,584	19,597	12,389	46,591	-396	716	320,280	5,417	17,686	17,806	
March	38,360	816	150	130,423	723	63,346	22,945	15,668	50,858	-342	693	323,639	7,131	22,577	22,799	
April	37,223	874	239	122,441	739	57,326	19,190	18,938	52,609	-330	647	309,896	7,909	26,515	26,847	
May	46,328	915	260	143,917	754	64,973	21,963	22,050	44,126	-292	805	345,798	8,592	30,228	30,642	
June	61,399	1,413	377	168,803	854	68,192	21,207	23,918	43,466	-586	740	389,784	8,618	32,122	32,536	
Year to Date																
2022	410,897	7,659	3,493	750,487	5,788	379,969	139,367	73,119	273,907	-2,544	5,779	2,047,921	30,350	101,859	103,470	
2023	299,496	5,802	2,033	813,711	5,375	377,598	125,555	78,691	260,836	-2,844	4,941	1,971,194	36,153	113,536	114,843	
2024	303,027	6,285	1,543	857,023	4,879	387,501	126,139	102,614	278,137	-2,358	4,406	2,069,197	42,449	143,483	145,063	
Rolling 12 Months Ending in June																
2023	720,110	13,949	5,666	1,750,291	11,310	769,166	240,977	149,368	489,160	-6,328	10,276	4,153,945	67,085	213,757	216,453	
2024	678,795	12,076	4,388	1,845,375	10,954	785,250	240,438	188,425	506,462	-5,410	9,420	4,276,174	79,915	265,217	268,340	

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, hydrogen 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.

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, 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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.

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Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.

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Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

**Table 1.1.A. Net Generation from Renewable Sources: Total (All Sectors), 2014-June 2024
(Thousand Megawatthours)**

Period	Generation at Utility Scale Facilities										Small Scale Generation	Generation From Utility and Small Scale Facilities	
	Wind	Solar Photovoltaic	Solar Thermal	Wood and Wood-Derived Fuels	Landfill Gas	Biogenic Municipal Solid Waste	Other Waste Biomass	Geothermal	Conventional Hydroelectric	Total Renewable Generation at Utility Scale Facilities	Estimated Solar Photovoltaic	Estimated Total Solar Photovoltaic	Estimated Total Solar
Annual Totals													
2014	181,655	15,250	2,441	42,340	11,220	7,228	3,202	15,877	259,367	538,579	11,233	26,482	28,924
2015	190,719	21,666	3,227	41,929	11,291	7,211	3,201	15,918	249,080	544,241	14,139	35,805	39,032
2016	226,993	32,670	3,384	40,947	11,218	7,265	3,331	15,826	267,812	609,445	18,812	51,483	54,866
2017	254,303	50,018	3,269	41,124	11,543	6,951	3,115	15,927	300,333	686,583	23,990	74,008	77,277
2018	272,667	60,234	3,592	40,936	11,036	7,136	2,724	15,967	292,524	706,816	29,539	89,773	93,365
2019	295,882	68,719	3,218	38,543	10,468	6,093	2,402	15,473	287,874	728,673	34,957	103,676	106,894
2020	337,938	86,066	3,133	36,219	10,212	6,080	2,201	15,890	285,274	783,012	41,522	127,588	130,721
2021	378,197	112,335	2,924	36,463	9,421	6,101	2,267	15,975	251,585	815,267	49,164	161,499	164,422
2022	434,297	140,798	2,999	35,464	8,535	5,776	2,073	16,087	254,789	900,817	61,282	202,080	205,079
2023	425,235	161,651	2,850	31,439	8,285	5,587	2,153	16,462	239,855	893,517	73,619	235,270	238,120
Year 2022													
January	37,416	7,689	133	3,106	748	492	192	1,470	24,198	75,444	3,376	11,066	11,198
February	37,645	8,869	159	2,897	701	432	173	1,243	21,321	73,438	3,717	12,585	12,744
March	43,031	11,439	255	2,934	773	465	188	1,286	24,436	84,808	5,121	16,560	16,816
April	46,167	13,081	321	2,736	699	482	161	1,282	20,066	84,995	5,671	18,752	19,073
May	42,124	14,750	371	2,905	722	492	157	1,327	23,359	86,206	6,236	20,986	21,357
June	33,768	15,681	372	3,045	710	498	166	1,276	25,988	81,502	6,229	21,910	22,282
July	29,475	15,478	288	3,276	723	510	173	1,341	24,567	75,832	6,438	21,916	22,204
August	24,718	14,224	279	3,206	707	498	174	1,354	21,133	66,293	6,194	20,418	20,697
Sept	27,331	13,002	285	2,864	686	470	159	1,329	17,026	63,152	5,544	18,546	18,831
October	32,745	11,653	289	2,624	714	473	182	1,298	14,367	64,345	5,022	16,675	16,964
November	41,199	8,254	149	2,865	678	473	167	1,397	17,898	73,080	4,035	12,289	12,438
December	38,680	6,679	99	3,005	674	493	181	1,482	20,430	71,721	3,698	10,377	10,475
Year 2023													
January	39,212	7,898	84	3,042	746	485	189	1,558	22,287	75,500	3,992	11,890	11,974
February	42,184	9,142	109	2,613	662	421	192	1,302	18,680	75,305	4,401	13,543	13,652
March	44,580	11,991	154	2,623	720	447	181	1,380	20,197	82,272	6,003	17,994	18,148
April	43,072	14,460	295	2,295	633	410	169	1,347	17,479	80,160	6,768	21,228	21,523
May	32,066	16,627	300	2,783	709	476	183	1,371	27,445	81,960	7,560	24,187	24,487
June	27,545	17,266	365	2,646	676	484	161	1,273	19,467	69,883	7,429	24,695	25,060
July	27,903	18,500	380	2,807	699	498	164	1,303	21,199	73,453	7,747	26,246	26,626
August	28,546	17,507	310	2,890	705	483	164	1,341	21,120	73,063	7,556	25,062	25,372
Sept	28,230	15,269	293	2,476	660	441	154	1,351	16,469	65,344	6,623	21,892	22,185
October	36,484	13,795	287	2,126	683	464	197	1,414	18,076	73,526	6,094	19,888	20,175
November	37,042	10,104	166	2,555	661	475	187	1,410	18,100	70,700	4,958	15,062	15,229
December	38,371	9,093	107	2,584	732	504	211	1,413	19,336	72,350	4,489	13,582	13,689
Year 2024													
January	34,976	9,572	79	2,821	672	468	182	1,368	21,237	71,375	4,782	14,355	14,434
February	41,626	12,269	119	2,468	635	422	172	1,269	19,597	78,577	5,417	17,686	17,806
March	45,879	15,446	221	2,500	630	422	187	1,240	22,945	89,471	7,131	22,577	22,799
April	47,689	18,606	332	2,446	608	409	164	1,292	19,190	90,737	7,909	26,515	26,847
May	38,936	21,636	414	2,659	659	470	178	1,225	21,963	88,139	8,592	30,228	30,642
June	38,330	23,504	414	2,649	632	450	160	1,246	21,207	88,591	8,618	32,122	32,536
Year to Date													
2022	240,150	71,509	1,611	17,623	4,353	2,860	1,037	7,885	139,367	486,393	30,350	101,859	103,470
2023	228,659	77,384	1,307	16,002	4,146	2,723	1,075	8,230	125,555	465,082	36,153	113,536	114,843
2024	247,435	101,034	1,581	15,542	3,836	2,641	1,043	7,640	126,139	506,890	42,449	143,483	145,063
Rolling 12 Months Ending in June													
2023	422,807	146,673	2,696	33,843	8,328	5,639	2,111	16,432	240,977	879,506	67,085	213,757	216,453
2024	444,011	185,301	3,124	30,980	7,975	5,505	2,120	15,871	240,438	935,326	79,915	265,217	268,340

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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.

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Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.

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Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

Table 1.2.A. Net Generation by Energy Source: Electric Utilities, 2014-June 2024
(Thousand Megawatthours)

Period	Generation at Utility Scale Facilities											Total
	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Solar	Renewable Sources Excluding Hydroelectric and Solar	Hydroelectric Pumped Storage	Other	
Annual Totals												
2014	1,173,073	10,696	9,147	501,440	112	419,871	238,185	1,218	33,278	-5,144	622	2,382,500
2015	998,385	10,386	8,278	619,003	199	416,680	229,640	1,494	35,992	-4,105	558	2,316,508
2016	922,399	9,069	8,881	655,744	154	424,400	247,787	1,995	40,666	-5,629	421	2,305,887
2017	893,639	8,567	6,711	625,094	149	424,485	275,677	3,348	42,763	-5,448	553	2,275,539
2018	863,505	10,108	6,817	722,916	151	424,251	267,336	4,916	44,184	-4,785	561	2,339,960
2019	722,885	8,313	5,112	787,745	154	430,672	262,364	6,785	48,403	-4,261	551	2,268,723
2020	582,374	7,182	5,663	815,414	45	428,953	264,650	9,945	59,797	-4,326	618	2,170,316
2021	674,804	8,791	5,728	777,057	12	430,683	228,689	13,911	75,338	-3,876	508	2,211,643
2022	621,853	9,356	5,383	832,421	0	427,933	232,953	17,697	86,233	-4,752	534	2,229,611
2023	518,486	8,424	3,146	890,860	0	441,855	217,052	21,893	78,985	-4,546	277	2,176,432
Year 2022												
January	63,823	1,254	388	66,875	0	39,295	22,395	1,066	8,258	-420	58	202,990
February	50,911	629	453	55,560	0	34,300	19,408	1,188	7,998	-301	51	170,198
March	43,015	691	324	54,831	0	34,385	21,943	1,533	8,561	-214	55	165,124
April	40,123	548	361	51,428	0	30,252	17,583	1,714	8,652	-164	43	150,540
May	47,965	639	503	62,462	0	35,037	21,195	1,850	7,488	-375	53	176,816
June	56,910	652	545	79,183	0	36,908	24,296	1,837	6,114	-460	40	206,025
July	66,631	678	388	95,306	0	38,888	23,132	1,812	5,104	-623	40	231,356
August	64,386	661	421	93,582	0	38,921	19,778	1,718	4,893	-495	36	223,901
Sept	49,704	680	480	75,975	0	35,914	15,593	1,490	5,846	-493	33	185,223
October	41,060	676	440	64,375	0	32,085	12,963	1,460	6,736	-370	46	159,472
November	41,209	673	446	63,004	0	33,612	16,315	1,046	8,593	-398	40	164,538
December	56,116	1,575	636	69,839	0	38,335	18,352	982	7,992	-437	39	193,428
Year 2023												
January	47,811	758	265	67,699	0	40,507	19,890	1,191	7,060	-498	22	184,704
February	34,798	698	257	59,842	0	34,281	16,851	1,441	8,202	-359	16	156,027
March	37,662	698	166	64,884	0	36,091	18,020	1,888	8,068	-389	17	167,105
April	29,039	648	176	59,884	0	33,574	15,689	1,946	8,514	-191	15	149,295
May	32,552	659	166	70,535	0	34,877	25,405	2,287	6,224	-336	21	172,390
June	46,214	693	257	81,374	0	37,151	18,123	2,245	4,595	-420	31	190,264
July	62,906	683	484	100,499	0	39,977	19,302	2,296	4,450	-519	29	230,107
August	61,741	751	491	101,984	0	40,065	19,166	2,281	5,182	-499	34	231,196
Sept	46,722	667	441	81,260	0	37,575	14,755	1,948	5,204	-415	26	188,183
October	38,858	716	176	69,048	0	34,541	16,075	1,849	6,847	-294	19	167,834
November	37,367	710	100	63,102	0	34,719	16,448	1,376	7,491	-245	21	161,091
December	42,816	743	167	70,749	0	38,497	17,327	1,144	7,148	-380	25	178,236
Year 2024												
January	58,497	1,035	200	78,218	0	39,090	18,851	1,262	6,562	-292	20	203,444
February	34,822	595	91	64,428	0	36,601	17,493	1,939	7,494	-268	12	163,207
March	31,015	611	40	64,927	0	35,957	20,529	2,277	8,736	-213	6	163,884
April	28,379	619	137	61,078	0	31,895	17,149	2,917	9,367	-231	4	151,314
May	36,011	674	168	74,764	0	36,822	19,842	3,208	7,578	-152	14	178,930
June	48,700	1,149	252	87,665	0	38,907	19,486	3,121	7,426	-446	14	206,274
Year to Date												
2022	302,747	4,412	2,574	370,339	0	210,178	126,820	9,189	47,070	-1,935	299	1,071,694
2023	228,076	4,153	1,288	404,218	0	216,481	113,978	10,999	42,663	-2,193	123	1,019,786
2024	237,425	4,684	888	431,081	0	219,272	113,350	14,723	47,163	-1,603	71	1,067,054
Rolling 12 Months Ending in June												
2023	547,182	9,097	4,097	866,299	0	434,236	220,111	19,507	81,826	-5,011	357	2,177,702
2024	527,835	8,955	2,746	917,724	0	444,646	216,423	25,617	83,485	-3,956	225	2,223,700

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, hydrogen 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.

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, 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 1.2.B Net Generation by Energy Source: Independent Power Producers, 2014-June 2024
(Thousand Megawatthours)

Period	Generation at Utility Scale Facilities											Total
	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Solar	Renewable Sources Excluding Hydroelectric and Solar	Hydroelectric Pumped Storage	Other	
Annual Totals												
2014	395,701	6,789	1,410	531,758	3,246	377,295	19,861	16,086	196,723	-1,030	6,622	1,554,462
2015	342,608	6,240	1,601	619,839	3,517	380,498	17,996	22,962	202,858	-987	6,765	1,603,898
2016	307,263	3,360	1,401	624,600	3,758	381,294	18,539	33,502	233,553	-1,057	6,876	1,613,090
2017	304,198	3,281	1,480	572,919	3,978	380,465	23,034	49,376	258,962	-1,047	6,439	1,603,086
2018	278,668	5,487	1,516	645,616	3,935	382,833	23,812	58,337	275,154	-1,119	6,677	1,680,917
2019	235,847	2,669	1,125	692,113	3,883	378,738	24,288	64,480	290,343	-1,000	7,138	1,699,625
2020	185,328	1,984	1,504	706,885	3,129	360,925	19,409	78,567	319,633	-995	6,971	1,683,340
2021	217,636	2,378	1,413	699,547	3,292	348,961	21,702	100,612	344,784	-1,235	6,449	1,745,538
2022	204,243	5,734	1,354	750,266	3,451	343,604	20,673	125,155	387,590	-1,276	3,487	1,844,282
2023	152,214	2,597	1,429	804,399	3,234	333,492	21,660	141,592	383,558	-1,351	3,082	1,845,906
Year 2022												
January	23,291	1,778	144	58,734	292	31,282	1,702	6,707	32,672	-73	337	156,865
February	19,627	438	131	51,382	251	27,552	1,808	7,781	32,824	-111	276	141,960
March	17,526	222	145	49,110	270	28,768	2,358	10,085	37,718	-103	307	146,406
April	14,792	154	137	46,169	291	25,037	2,360	11,598	40,541	-101	296	141,274
May	14,096	149	58	56,228	365	28,345	2,054	13,172	37,838	-92	289	152,501
June	16,076	192	108	67,698	281	28,807	1,601	14,109	30,941	-129	309	159,993
July	19,305	311	71	84,262	342	29,969	1,357	13,851	27,884	-146	312	177,519
August	20,347	295	124	85,697	277	29,976	1,272	12,685	23,314	-145	298	174,141
Sept	14,860	210	140	72,435	306	27,819	1,354	11,709	24,739	-105	275	153,744
October	12,745	228	136	60,642	276	26,860	1,338	10,406	29,126	-64	255	141,947
November	14,768	190	84	55,774	236	28,430	1,504	7,299	35,838	-97	252	144,278
December	16,810	1,566	76	62,134	264	30,759	1,966	5,753	34,153	-111	284	153,653
Year 2023												
January	13,044	175	NM	61,059	285	30,363	2,283	6,739	35,748	-113	297	149,992
February	11,317	380	NM	55,673	239	26,526	1,733	7,752	37,025	-89	270	140,879
March	12,026	221	121	58,486	261	26,730	2,073	10,175	39,619	-122	278	149,867
April	10,741	199	104	52,925	171	23,088	1,702	12,720	37,340	-91	234	139,133
May	10,911	202	100	58,959	282	26,596	1,928	14,535	29,038	-114	288	142,726
June	11,103	165	103	71,414	242	27,814	1,260	15,283	26,013	-123	273	153,549
July	15,809	237	183	90,570	292	29,910	1,804	16,473	26,722	-129	257	182,127
August	16,060	193	179	88,375	344	29,679	1,858	15,430	26,672	-145	247	178,891
Sept	12,903	211	166	74,933	277	27,985	1,633	13,525	26,055	-129	214	157,773
October	11,729	214	118	63,130	246	26,862	1,911	12,154	32,457	-77	224	148,968
November	13,504	206	90	63,154	277	27,538	1,563	8,816	32,545	-94	243	147,844
December	13,068	193	100	65,722	317	30,401	1,911	7,989	34,323	-126	257	154,156
Year 2024												
January	16,747	390	95	72,328	286	29,990	2,274	8,324	31,629	-119	238	162,181
February	8,861	126	93	57,864	219	27,983	2,002	10,363	36,967	-128	211	144,563
March	6,934	161	94	56,850	200	27,389	2,306	13,285	39,905	-128	199	147,194
April	8,526	206	85	52,840	230	25,432	1,944	15,909	41,055	-99	164	146,292
May	9,959	196	73	60,499	188	28,151	2,016	18,715	34,276	-140	250	154,183
June	12,318	219	103	72,688	281	29,285	1,616	20,668	33,865	-140	175	171,079
Year to Date												
2022	105,408	2,934	723	329,321	1,750	169,792	11,883	63,451	212,534	-609	1,813	899,000
2023	69,141	1,343	593	358,516	1,481	161,117	10,979	67,204	204,784	-651	1,640	876,146
2024	63,346	1,299	542	373,069	1,405	168,229	12,158	87,264	217,698	-754	1,237	925,494
Rolling 12 Months Ending in June												
2023	167,976	4,143	NM	779,460	3,182	334,929	19,769	128,908	379,839	-1,317	3,314	1,821,428
2024	146,419	2,554	1,377	818,952	3,158	340,604	22,839	161,652	396,473	-1,454	2,679	1,895,253

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, hydrogen 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.

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, 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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.

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

Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.

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

Table 1.2.C. Net Generation by Energy Source: Commercial Sector, 2014-June 2024
(Thousand Megawatthours)

Period	Generation at Utility Scale Facilities											Total Generation at Utility Scale Facilities	Small Scale Generation	Net Generation From Utility and Small Scale Facilities	
	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Solar	Renewable Sources Excluding Hydroelectric and Solar	Hydroelectric Pumped Storage	Other		Estimated Solar Photovoltaic	Estimated Total Solar Photovoltaic	Estimated Total Solar
Annual Totals															
2014	595	247	9	7,227	0	0	38	371	2,862	0	1,171	12,520	5,146	5,516	5,516
2015	509	183	8	7,471	0	0	35	416	2,803	0	1,170	12,595	5,689	6,106	6,106
2016	383	77	6	7,730	0	0	217	529	2,697	0	1,068	12,706	6,158	6,687	6,687
2017	329	103	8	8,042	0	0	240	521	2,729	0	1,088	13,060	7,685	8,206	8,206
2018	303	132	7	8,419	0	0	227	525	2,688	0	1,010	13,312	9,798	10,324	10,324
2019	268	116	5	8,610	0	0	188	587	2,840	0	1,076	13,689	11,002	11,588	11,588
2020	240	97	2	8,110	0	0	214	586	2,761	0	1,035	13,046	12,859	13,445	13,445
2021	280	94	4	7,346	0	0	258	598	2,978	0	1,209	12,768	15,124	15,722	15,722
2022	287	101	10	7,830	0	0	263	669	4,185	0	3,391	16,737	17,724	18,393	18,393
2023	200	70	2	8,370	0	0	238	690	3,908	0	3,198	16,675	19,470	20,161	20,161
Year 2022															
January	29	23	1	655	0	0	24	36	358	0	276	1,403	1,012	1,048	1,048
February	19	6	1	563	0	0	21	42	324	0	254	1,232	1,116	1,158	1,158
March	18	5	1	606	0	0	24	56	346	0	271	1,328	1,521	1,576	1,576
April	13	6	1	559	0	0	21	66	349	0	295	1,308	1,662	1,728	1,728
May	10	6	1	611	0	0	26	71	358	0	298	1,381	1,816	1,887	1,887
June	27	8	1	672	0	0	27	74	354	0	291	1,455	1,819	1,893	1,893
July	26	7	1	807	0	0	26	72	359	0	294	1,592	1,894	1,966	1,966
August	29	8	0	822	0	0	22	69	360	0	286	1,595	1,801	1,871	1,871
Sept	30	5	0	696	0	0	18	61	335	0	272	1,417	1,608	1,668	1,668
October	28	5	0	571	0	0	15	52	345	0	284	1,300	1,383	1,435	1,435
November	28	6	1	601	0	0	18	40	350	0	286	1,330	1,086	1,126	1,126
December	30	18	1	668	0	0	20	29	347	0	284	1,397	1,007	1,037	1,037
Year 2023															
January	22	8	1	664	0	0	23	35	341	0	271	1,365	1,105	1,140	1,140
February	20	8	0	619	0	0	20	39	294	0	231	1,231	1,231	1,270	1,270
March	16	7	0	651	0	0	NM	56	309	0	241	1,300	1,658	1,713	1,713
April	20	NM	0	599	0	0	NM	60	298	0	235	1,233	1,838	1,898	1,898
May	18	NM	0	624	0	0	NM	70	324	0	272	1,345	2,002	2,073	2,073
June	NM	4	0	727	0	0	NM	68	337	0	282	1,447	1,995	2,063	2,063
July	12	6	0	820	0	0	NM	74	343	0	290	1,566	2,073	2,147	2,147
August	11	5	0	820	0	0	NM	71	336	0	278	1,542	1,976	2,047	2,047
Sept	14	5	0	765	0	0	NM	60	311	0	258	1,427	1,764	1,824	1,824
October	19	5	0	673	0	0	NM	52	328	0	272	1,364	1,526	1,579	1,579
November	18	6	0	678	0	0	17	59	337	0	278	1,393	1,202	1,261	1,261
December	21	7	1	729	0	0	NM	46	350	0	289	1,462	1,101	1,147	1,147
Year 2024															
January	30	11	1	751	0	0	21	44	344	0	278	1,481	1,206	1,251	1,251
February	20	5	0	692	0	0	NM	59	303	0	247	1,346	1,396	1,455	1,455
March	18	6	0	725	0	0	NM	69	305	0	244	1,390	1,847	1,916	1,916
April	13	7	0	603	0	0	NM	68	302	0	247	1,258	2,029	2,097	2,097
May	NM	5	1	684	0	0	NM	77	332	0	279	1,406	2,255	2,332	2,332
June	10	6	1	743	0	0	NM	75	317	0	265	1,440	2,281	2,356	2,356
Year to Date															
2022	117	54	7	3,666	0	0	144	346	2,089	0	1,684	8,107	8,945	9,290	9,290
2023	103	36	1	3,884	0	0	132	328	1,903	0	1,533	7,922	9,829	10,157	10,157
2024	95	40	3	4,199	0	0	129	392	1,902	0	1,560	8,320	11,014	11,406	11,406
Rolling 12 Months Ending in June															
2023	NM	NM	4	8,049	0	0	NM	651	3,999	0	3,240	16,552	18,608	19,259	19,259
2024	NM	74	3	8,684	0	0	NM	754	3,907	0	3,224	17,073	20,656	21,410	21,410

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, hydrogen 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.

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, 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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.

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Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.

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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.

Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

Table 1.2.D. Net Generation by Energy Source: Industrial Sector, 2014-June 2024
(Thousand Megawatthours)

Period	Generation at Utility Scale Facilities											Small Scale Generation	Net Generation From Utility and Small Scale Facilities		
	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gas	Nuclear	Hydroelectric Conventional	Solar	Renewable Sources Excluding Hydroelectric and Solar	Hydroelectric Pumped Storage	Other	Total Generation at Utility Scale Facilities	Estimated Solar Photovoltaic	Estimated Total Solar Photovoltaic	Estimated Total
Annual Totals															
2014	12,341	544	1,389	86,209	8,664	0	1,282	16	28,659	0	4,978	144,083	1,139	1,156	1,156
2015	10,896	563	990	88,355	9,401	0	1,410	21	28,614	0	5,462	145,712	1,451	1,472	1,472
2016	9,103	503	909	91,197	8,895	0	1,269	27	28,663	0	5,324	145,890	2,060	2,087	2,087
2017	7,669	463	776	91,647	8,343	0	1,382	42	28,508	0	4,928	143,758	2,364	2,406	2,406
2018	7,011	517	640	94,892	9,377	0	1,149	47	28,440	0	4,725	146,798	2,636	2,683	2,683
2019	5,957	424	576	100,065	8,554	0	1,033	85	27,276	0	4,567	148,537	3,041	3,127	3,127
2020	5,451	398	510	96,381	8,644	0	1,001	101	26,348	0	4,231	143,064	3,484	3,586	3,586
2021	5,278	400	367	95,240	8,093	0	936	137	25,324	0	3,975	139,750	3,858	3,994	3,994
2022	5,128	614	379	96,550	8,271	0	899	276	24,224	0	3,702	140,043	4,048	4,324	4,324
2023	4,364	503	301	98,433	8,217	0	904	326	22,711	0	3,398	139,157	4,414	4,741	4,741
Year 2022															
January	445	51	31	8,683	713	0	77	13	2,137	0	359	12,508	230	243	243
February	409	NM	36	7,440	635	0	83	15	1,944	0	319	10,921	244	259	259
March	459	41	30	7,931	683	0	111	21	2,051	0	347	11,673	348	369	369
April	402	42	28	7,350	630	0	102	24	1,986	0	308	10,871	377	401	401
May	461	40	35	7,792	671	0	84	28	2,043	0	332	11,485	413	441	441
June	450	45	29	7,964	706	0	63	32	2,053	0	319	11,661	413	446	446
July	453	48	28	8,667	741	0	53	31	2,152	0	336	12,510	426	458	458
August	453	38	31	8,759	731	0	61	30	2,091	0	303	12,498	411	441	441
Sept	404	47	29	7,842	680	0	60	26	1,919	0	265	11,272	368	395	395
October	396	43	33	7,903	692	0	51	24	1,828	0	260	11,230	333	357	357
November	372	43	38	8,144	675	0	62	18	1,998	0	287	11,635	256	273	273
December	425	137	31	8,075	714	0	92	13	2,023	0	270	11,779	229	242	242
Year 2023															
January	398	54	NM	8,304	705	0	90	17	2,082	0	292	11,969	246	263	263
February	353	43	NM	7,794	673	0	77	19	1,853	0	284	11,122	261	281	281
March	353	50	35	8,187	700	0	85	26	1,934	0	277	11,647	374	399	399
April	342	42	NM	6,885	546	0	71	30	1,774	0	254	9,966	412	442	442
May	355	37	20	7,611	618	0	80	34	2,002	0	276	11,032	451	485	485
June	375	44	NM	8,312	652	0	63	34	1,839	0	262	11,603	451	485	485
July	394	41	NM	8,665	703	0	73	37	1,860	0	293	12,102	465	502	502
August	375	40	NM	8,817	807	0	74	34	1,937	0	296	12,413	446	480	480
Sept	362	36	NM	8,448	674	0	66	29	1,742	0	278	11,664	401	430	430
October	350	38	18	8,112	667	0	NM	26	1,737	0	307	11,330	364	391	391
November	341	38	17	8,325	721	0	71	19	1,956	0	288	11,776	287	306	306
December	366	39	21	8,973	750	0	79	21	1,994	0	291	12,534	256	276	276
Year 2024															
January	387	56	21	9,153	743	0	90	21	1,952	0	269	12,693	268	289	289
February	352	49	15	8,005	561	0	83	28	1,827	0	245	11,164	299	327	327
March	393	37	17	7,920	523	0	88	37	1,912	0	244	11,171	407	445	445
April	305	42	17	7,920	509	0	78	44	1,885	0	233	11,032	443	487	487
May	353	39	19	7,969	565	0	83	50	1,939	0	262	11,280	480	531	531
June	370	39	22	7,707	573	0	81	54	1,859	0	286	10,991	475	529	529
Year to Date															
2022	2,625	259	189	47,160	4,037	0	520	133	12,213	0	1,982	69,120	2,025	2,158	2,158
2023	2,176	270	150	47,093	3,894	0	466	160	11,486	0	1,644	67,339	2,195	2,355	2,355
2024	2,160	261	111	48,674	3,474	0	503	235	11,373	0	1,539	68,330	2,373	2,607	2,607
Rolling 12 Months Ending in June															
2023	4,678	625	NM	96,483	8,128	0	845	303	23,496	0	3,364	138,262	4,218	4,521	4,521
2024	4,349	494	NM	100,015	7,796	0	NM	402	22,598	0	3,292	140,148	4,591	4,993	4,993

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, hydrogen 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.

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, 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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

Totals may not equal sum of components because of independent rounding. NM=Not meaningful due to large standard error. W=Withheld to avoid disclosure of individual company data.

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Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-906, Power Plant Report; U.S. Energy Information Administration, Form EIA-920 Combined Heat and Power Plant Report; and predecessor forms.

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Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

**Table 1.2.E. Net Generation by Energy Source: Residential Sector, 2014-June 2024
(Thousand Megawatthours)**

Period	Small Scale Generation	
		Estimated Small Scale Solar Photovoltaic Generation
Annual Totals		
2014		4,947
2015		6,999
2016		10,595
2017		13,942
2018		17,105
2019		20,914
2020		25,179
2021		30,182
2022		39,510
2023		49,734
Year 2022		
January		2,135
February		2,357
March		3,252
April		3,632
May		4,007
June		3,997
July		4,118
August		3,982
Sept		3,569
October		3,306
November		2,693
December		2,462
Year 2023		
January		2,641
February		2,908
March		3,972
April		4,517
May		5,107
June		4,984
July		5,209
August		5,134
Sept		4,458
October		4,203
November		3,469
December		3,133
Year 2024		
January		3,308
February		3,722
March		4,877
April		5,437
May		5,856
June		5,862
Year to Date		
2022		19,380
2023		24,129
2024		29,062
Rolling 12 Months Ending in June		
2023		44,259
2024		54,668

See Glossary for definitions. Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

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:

Estimated small scale solar photovoltaic generation and small scale solar photovoltaic capacity are based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

Table 1.3.A. Utility Scale Facility Net Generation by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	9,109	7,439	22.4%	116	92	8,656	7,000	184	184	152	163
Connecticut	3,883	2,606	49.0%	4	5	3,791	2,523	27	25	60	54
Maine	1,057	856	23.6%	0	0	987	771	4	4	67	81
Massachusetts	1,578	1,521	3.7%	47	34	1,373	1,325	146	149	11	13
New Hampshire	1,617	1,525	6.0%	NM	NM	1,615	1,520	2	3	0	2
Rhode Island	809	801	1.0%	0	0	790	784	5	4	14	13
Vermont	164	129	26.9%	64	53	100	76	0	0	0	0
Middle Atlantic	39,459	36,003	9.6%	3,332	3,035	35,299	32,176	360	357	468	435
New Jersey	5,718	5,587	2.3%	28	28	5,528	5,403	107	107	55	49
New York	11,625	10,669	9.0%	3,300	3,004	8,046	7,397	204	206	75	62
Pennsylvania	22,116	19,747	12.0%	4	2	21,725	19,376	49	44	338	325
East North Central	54,384	49,372	10.2%	20,209	18,483	33,134	29,895	154	161	888	834
Illinois	16,150	14,851	8.7%	430	476	15,506	14,117	37	45	176	213
Indiana	8,606	7,976	7.9%	5,557	5,057	2,624	2,540	20	19	405	359
Michigan	10,967	9,995	9.7%	7,978	6,931	2,815	2,906	62	59	112	100
Ohio	12,671	10,768	17.7%	1,375	1,392	11,202	9,295	27	27	68	55
Wisconsin	5,991	5,781	3.6%	4,868	4,626	987	1,037	9	11	127	107
West North Central	30,559	28,582	6.9%	22,138	22,822	7,942	5,323	50	49	429	388
Iowa	5,808	5,393	7.7%	4,592	4,546	1,000	638	10	10	206	200
Kansas	5,468	4,680	16.8%	2,892	3,198	2,535	1,442	NM	NM	40	39
Minnesota	4,982	5,056	-1.5%	3,577	3,712	1,253	1,215	20	20	132	110
Missouri	6,419	6,125	4.8%	5,828	5,627	572	479	17	16	3	3
Nebraska	2,961	3,207	-7.7%	1,948	2,554	982	632	2	2	29	20
North Dakota	3,336	2,845	17.3%	2,529	2,326	795	506	0	0	12	NM
South Dakota	1,584	1,276	24.2%	773	860	805	411	NM	NM	6	NM
South Atlantic	79,719	71,020	12.2%	65,530	58,548	12,569	10,879	229	243	1,391	1,350
Delaware	565	407	38.6%	10	1	451	296	NM	NM	103	110
District of Columbia	22	17	26.4%	NM	0	5	3	17	15	0	0
Florida	25,318	24,148	4.8%	23,757	22,614	1,165	1,086	85	97	310	351
Georgia	13,566	11,772	15.2%	11,007	9,303	2,140	2,095	NM	NM	418	374
Maryland	3,071	2,815	9.1%	298	408	2,742	2,377	28	26	4	4
North Carolina	13,148	10,891	20.7%	10,931	8,739	2,088	2,023	24	24	105	106
South Carolina	8,804	8,674	1.5%	8,198	8,161	455	380	0	0	152	133
Virginia	9,482	7,925	19.6%	6,971	5,871	2,241	1,799	74	81	196	173
West Virginia	5,743	4,370	31.4%	4,359	3,450	1,282	820	0	0	102	99
East South Central	33,744	30,758	9.7%	29,552	26,189	3,418	3,816	18	18	756	734
Alabama	12,995	12,236	6.2%	9,720	8,541	2,888	3,315	0	0	387	380
Kentucky	6,312	5,201	21.4%	6,232	5,124	36	33	NM	NM	44	44
Mississippi	6,954	6,706	3.7%	6,503	6,243	310	313	0	0	141	150
Tennessee	7,483	6,615	13.1%	7,096	6,281	184	156	18	17	185	160
West South Central	75,842	73,280	3.5%	24,940	23,754	45,279	43,203	146	122	5,476	6,201
Arkansas	6,091	5,611	8.5%	5,363	5,025	632	505	NM	NM	91	77
Louisiana	8,942	9,102	-1.8%	6,151	5,958	771	751	NM	NM	2,016	2,390
Oklahoma	9,158	8,054	13.7%	4,750	4,269	4,339	3,719	-1	-1	70	67
Texas	51,652	50,512	2.3%	8,676	8,502	39,537	38,228	139	115	3,300	3,668
Mountain	33,312	29,256	13.9%	21,954	19,965	11,041	8,986	58	60	259	246
Arizona	10,817	9,535	13.4%	7,816	7,283	2,983	2,235	15	14	NM	NM
Colorado	5,204	4,397	18.4%	3,222	2,972	1,954	1,404	5	3	23	18
Idaho	1,495	1,325	12.8%	920	853	542	423	6	6	27	43
Montana	1,731	1,776	-2.5%	865	792	864	982	0	0	NM	NM
Nevada	4,448	3,297	34.9%	2,411	1,585	1,982	1,658	11	10	44	44
New Mexico	3,721	3,406	9.2%	2,114	1,944	1,592	1,450	NM	9	7	4
Utah	2,791	2,286	22.1%	2,041	1,718	706	541	14	18	30	10
Wyoming	3,106	3,235	-4.0%	2,564	2,821	419	292	0	0	124	122
Pacific Contiguous	32,371	29,809	8.6%	17,591	16,380	13,439	12,002	193	205	1,147	1,221
California	18,642	17,184	8.5%	6,679	6,406	10,830	9,568	186	200	947	1,010
Oregon	4,992	4,773	4.6%	3,070	3,050	1,863	1,665	6	4	54	53
Washington	8,736	7,852	11.3%	7,843	6,924	746	769	1	NM	146	158
Pacific Noncontiguous	1,285	1,345	-4.5%	910	997	302	269	48	49	24	30
Alaska	533	570	-6.6%	485	526	17	NM	26	NM	6	10
Hawaii	752	775	-2.9%	426	471	286	255	22	29	19	20
U.S. Total	389,784	356,863	9.2%	206,274	190,264	171,079	153,549	1,440	1,447	10,991	11,603

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 1.3.B. Utility Scale Facility Net Generation

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	Generation at Utility Scale Facilities			Electric Utilities		Independent Power Producers		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	50,727	45,795	10.8%	736	699	47,919	42,996	1,081	1,024	990	1,076
Connecticut	21,210	18,853	12.5%	45	40	20,654	18,362	152	135	358	317
Maine	6,320	5,622	12.4%	NM	NM	5,833	5,003	21	26	465	593
Massachusetts	9,681	8,997	7.6%	231	214	8,528	7,894	854	810	69	79
New Hampshire	8,792	7,475	17.6%	NM	NM	8,744	7,426	29	31	13	13
Rhode Island	3,608	3,805	-5.2%	0	0	3,500	3,709	23	22	85	74
Vermont	1,116	1,043	7.0%	453	439	661	603	1	1	0	0
Middle Atlantic	212,326	202,037	5.1%	18,664	17,168	188,795	180,422	2,078	1,843	2,789	2,604
New Jersey	29,787	29,403	1.3%	144	110	28,708	28,463	613	547	321	283
New York	63,752	57,727	10.4%	18,445	17,004	43,684	39,304	1,173	1,024	450	394
Pennsylvania	118,788	114,907	3.4%	75	54	116,403	112,654	292	272	2,018	1,928
East North Central	295,092	276,010	6.9%	99,241	96,452	189,849	173,573	886	893	5,116	5,092
Illinois	90,350	84,363	7.1%	2,078	1,828	87,045	81,164	216	230	1,011	1,142
Indiana	45,787	43,804	4.5%	26,776	25,919	16,660	15,501	117	124	2,233	2,260
Michigan	58,562	58,741	-0.3%	37,402	39,172	20,113	18,575	358	356	689	639
Ohio	67,972	59,693	13.9%	7,699	6,659	59,748	52,558	139	120	386	356
Wisconsin	32,422	29,409	10.2%	25,285	22,873	6,283	5,776	56	64	797	695
West North Central	175,324	172,079	1.9%	122,146	123,136	50,484	46,561	293	295	2,400	2,087
Iowa	35,298	35,712	-1.2%	27,040	28,208	7,080	6,479	71	70	1,107	956
Kansas	28,291	28,467	-0.6%	13,336	15,372	14,717	12,882	NM	NM	231	205
Minnesota	29,241	28,119	4.0%	20,108	19,298	8,276	8,056	110	118	747	647
Missouri	33,068	31,734	4.2%	29,708	28,231	3,243	3,389	95	90	22	25
Nebraska	18,640	19,565	-4.7%	11,765	12,775	6,689	6,632	10	10	176	147
North Dakota	20,923	20,002	4.6%	15,663	14,940	5,182	4,989	0	0	78	73
South Dakota	9,862	8,479	16.3%	4,527	4,311	5,296	4,134	NM	NM	39	35
South Atlantic	406,764	378,312	7.5%	333,841	308,056	63,332	60,513	1,342	1,392	8,249	8,352
Delaware	2,042	2,072	-1.4%	21	6	1,464	1,427	2	4	555	634
District of Columbia	105	95	10.0%	NM	NM	16	12	88	83	0	0
Florida	126,533	121,891	3.8%	118,492	113,846	5,703	5,421	501	556	1,838	2,067
Georgia	69,069	61,103	13.0%	56,155	48,817	10,431	9,935	NM	NM	2,481	2,350
Maryland	17,402	16,928	2.8%	1,343	2,156	15,877	14,597	154	150	27	26
North Carolina	66,286	59,229	11.9%	54,469	47,845	10,951	10,478	143	124	722	782
South Carolina	49,686	48,388	2.7%	46,733	45,650	2,060	1,887	2	1	891	850
Virginia	49,270	43,029	14.5%	36,794	32,829	10,913	8,663	451	473	1,112	1,064
West Virginia	26,371	25,578	3.1%	19,832	16,905	5,916	8,093	0	0	622	580
East South Central	177,635	169,502	4.8%	155,784	144,228	17,205	20,873	107	104	4,539	4,297
Alabama	68,896	66,791	3.2%	51,996	46,409	14,585	18,140	0	0	2,315	2,242
Kentucky	32,841	29,539	11.2%	32,261	29,074	293	197	NM	NM	285	266
Mississippi	36,001	35,196	2.3%	33,817	32,620	1,312	1,668	0	0	871	908
Tennessee	39,898	37,976	5.1%	37,710	36,125	1,014	868	106	103	1,068	880
West South Central	387,909	367,784	5.5%	115,877	106,802	235,828	225,208	663	515	35,541	35,260
Arkansas	28,838	28,381	1.6%	25,463	25,341	2,819	2,537	26	26	530	477
Louisiana	47,217	44,570	5.9%	29,846	27,657	3,541	2,993	37	26	13,794	13,893
Oklahoma	46,629	42,441	9.9%	20,939	17,071	25,266	24,967	-3	-11	427	415
Texas	265,226	252,393	5.1%	39,629	36,733	204,203	194,711	603	475	20,791	20,475
Mountain	176,342	171,760	2.7%	116,659	117,447	57,758	52,560	327	316	1,598	1,437
Arizona	51,981	49,691	4.6%	39,798	38,963	12,090	10,643	79	72	13	13
Colorado	28,583	26,904	6.2%	17,881	17,955	10,563	8,833	16	14	123	102
Idaho	8,154	7,743	5.3%	4,855	4,760	2,999	2,686	35	35	266	261
Montana	11,983	12,725	-5.8%	4,706	5,027	7,269	7,686	0	0	8	12
Nevada	21,431	19,617	9.2%	12,249	11,399	8,893	7,978	56	54	233	186
New Mexico	20,701	19,759	4.8%	10,520	10,137	10,117	9,560	45	48	19	14
Utah	14,523	15,736	-7.7%	11,097	12,840	3,153	2,703	95	93	177	100
Wyoming	18,987	19,586	-3.1%	15,553	16,366	2,675	2,470	0	0	759	749
Pacific Contiguous	179,403	180,165	-0.4%	98,486	100,127	72,739	71,850	1,229	1,222	6,948	6,966
California	99,840	99,248	0.6%	36,439	36,935	56,526	55,482	1,180	1,179	5,696	5,652
Oregon	30,364	30,043	1.1%	19,239	19,896	10,746	9,787	39	37	339	324
Washington	49,198	50,874	-3.3%	42,808	43,297	5,467	6,581	10	6	913	990
Pacific Noncontiguous	7,674	7,751	-1.0%	5,618	5,673	1,584	1,591	313	318	159	169
Alaska	3,272	3,186	2.7%	2,969	2,875	100	93	156	161	48	57
Hawaii	4,402	4,565	-3.6%	2,649	2,798	1,484	1,498	157	157	111	112
U.S. Total	2,069,197	1,971,194	5.0%	1,067,054	1,019,786	925,494	876,146	8,320	7,922	68,330	67,339

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 1.4.A. Utility Scale Facility Net Generation from Coal by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	2	2	-13.0%	0	0	2	2	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	2	2	-13.0%	0	0	2	2	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	1,274	468	172.4%	0	0	1,268	461	0	0	6	7
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	1,274	468	172.4%	0	0	1,268	461	0	0	6	7
East North Central	13,875	11,191	24.0%	8,284	7,431	5,525	3,653	NM	NM	66	105
Illinois	2,651	2,140	23.9%	47	138	2,549	1,909	NM	NM	55	91
Indiana	3,936	3,457	13.9%	3,639	3,157	297	300	0	0	0	0
Michigan	2,520	1,798	40.1%	2,505	1,788	14	8	0	0	NM	NM
Ohio	3,047	1,860	63.8%	382	424	2,665	1,437	0	0	0	0
Wisconsin	1,721	1,936	-11.1%	1,710	1,924	0	0	0	0	NM	NM
West North Central	10,236	12,195	-16.1%	10,060	12,025	0	0	0	0	177	171
Iowa	1,288	1,980	-34.9%	1,159	1,851	0	0	0	0	129	129
Kansas	1,211	1,649	-26.6%	1,211	1,649	0	0	0	0	0	0
Minnesota	973	1,198	-18.8%	963	1,185	0	0	0	0	NM	NM
Missouri	3,744	3,877	-3.4%	3,744	3,877	0	0	0	0	0	0
Nebraska	1,089	1,613	-32.5%	1,061	1,593	0	0	0	0	28	20
North Dakota	1,792	1,727	3.8%	1,782	1,718	0	0	0	0	NM	NM
South Dakota	140	151	-7.4%	140	151	0	0	0	0	0	0
South Atlantic	12,656	9,022	40.3%	11,544	8,505	1,088	506	1	1	24	11
Delaware	10	-1	NM	0	0	10	-1	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,141	975	17.0%	1,139	973	0	0	0	0	1	3
Georgia	2,127	1,535	38.6%	2,117	1,532	0	0	0	0	10	NM
Maryland	244	87	180.3%	0	0	244	87	0	0	0	0
North Carolina	2,010	1,280	57.1%	2,007	1,277	0	0	1	1	3	2
South Carolina	1,807	1,480	22.1%	1,806	1,474	0	6	0	0	1	1
Virginia	239	2	NM	230	0	0	0	0	0	9	2
West Virginia	5,077	3,663	38.6%	4,243	3,250	834	414	0	0	0	0
East South Central	8,495	7,185	18.2%	8,313	6,887	141	267	0	0	41	31
Alabama	2,110	1,964	7.4%	2,110	1,964	0	0	0	0	0	0
Kentucky	4,133	3,558	16.2%	4,133	3,558	0	0	0	0	0	0
Mississippi	285	346	-17.4%	144	79	141	267	0	0	0	0
Tennessee	1,967	1,317	49.3%	1,926	1,286	0	0	0	0	41	31
West South Central	8,353	10,078	-17.1%	4,534	4,950	3,816	5,126	0	0	3	2
Arkansas	1,771	1,635	8.3%	1,472	1,295	297	338	0	0	3	2
Louisiana	490	422	16.0%	372	334	118	88	0	0	0	0
Oklahoma	617	854	-27.8%	616	854	0	0	0	0	0	0
Texas	5,475	7,166	-23.6%	2,073	2,467	3,402	4,699	0	0	0	0
Mountain	6,436	7,330	-12.2%	5,939	6,365	466	936	0	0	31	29
Arizona	786	774	1.6%	786	774	0	0	0	0	0	0
Colorado	1,525	1,442	5.8%	1,525	1,442	0	0	0	0	0	0
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	326	726	-55.1%	0	0	326	725	0	0	NM	NM
Nevada	208	154	34.8%	103	34	105	121	0	0	0	0
New Mexico	920	979	-6.0%	920	979	0	0	0	0	0	0
Utah	1,070	815	31.4%	1,036	778	34	37	0	0	0	0
Wyoming	1,600	2,440	-34.4%	1,569	2,360	1	52	0	0	30	28
Pacific Contiguous	24	162	-85.3%	0	0	1	143	0	0	23	20
California	21	19	9.5%	0	0	0	0	0	0	21	19
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	3	143	-97.7%	0	0	1	143	0	0	2	1
Pacific Noncontiguous	47	67	-29.5%	NM	52	NM	NM	9	NM	0	0
Alaska	47	67	-29.5%	NM	52	NM	NM	9	NM	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	61,399	57,700	6.4%	48,700	46,214	12,318	11,103	10	NM	370	375

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 1.4.B. Utility Scale Facility Net Generation from Coal

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	50	124	-59.2%	0	0	50	124	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	15	23	-35.6%	0	0	15	23	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	35	100	-64.7%	0	0	35	100	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	6,684	5,834	14.6%	0	0	6,645	5,787	0	0	40	47
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	6,684	5,834	14.6%	0	0	6,645	5,787	0	0	40	47
East North Central	66,463	63,949	3.9%	39,707	38,180	26,352	25,175	14	29	389	566
Illinois	12,967	12,505	3.7%	517	598	12,134	11,406	5	9	311	492
Indiana	19,147	18,895	1.3%	17,354	16,950	1,783	1,924	9	20	0	0
Michigan	10,338	10,594	-2.4%	10,250	10,457	77	129	0	0	NM	NM
Ohio	14,572	13,737	6.1%	2,215	2,021	12,357	11,716	0	0	0	0
Wisconsin	9,439	8,219	14.8%	9,372	8,153	0	0	0	0	67	66
West North Central	53,413	57,841	-7.7%	52,422	56,962	0	0	11	9	981	869
Iowa	5,239	7,221	-27.4%	4,541	6,613	0	0	1	6	696	601
Kansas	5,252	7,101	-26.0%	5,252	7,101	0	0	0	0	0	0
Minnesota	5,531	5,614	-1.5%	5,468	5,548	0	0	4	1	59	65
Missouri	18,666	18,748	-0.4%	18,661	18,746	0	0	6	2	0	0
Nebraska	6,816	8,012	-14.9%	6,647	7,865	0	0	0	0	169	147
North Dakota	11,145	10,536	5.8%	11,089	10,480	0	0	0	0	56	57
South Dakota	765	609	25.6%	765	609	0	0	0	0	0	0
South Atlantic	54,192	46,087	17.6%	49,484	39,711	4,540	6,183	10	2	159	191
Delaware	39	-14	-380.0%	0	0	39	-14	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,715	5,310	-30.0%	3,706	5,291	0	0	0	0	9	19
Georgia	8,699	6,395	36.0%	8,621	6,337	0	0	0	0	77	58
Maryland	1,233	364	238.3%	0	0	1,233	364	0	0	0	0
North Carolina	9,327	4,404	111.8%	9,300	4,350	0	0	10	2	17	52
South Carolina	7,735	6,812	13.5%	7,728	6,740	0	62	0	0	7	11
Virginia	932	821	13.6%	884	769	0	0	0	0	48	51
West Virginia	22,513	21,995	2.4%	19,245	16,224	3,269	5,771	0	0	0	0
East South Central	42,334	38,360	10.4%	41,343	36,730	738	1,452	0	0	254	178
Alabama	10,320	9,140	12.9%	10,320	9,140	0	0	0	0	0	0
Kentucky	22,623	20,341	11.2%	22,623	20,341	0	0	0	0	0	0
Mississippi	1,402	1,855	-24.4%	665	402	738	1,452	0	0	0	0
Tennessee	7,990	7,025	13.7%	7,736	6,847	0	0	0	0	254	178
West South Central	40,386	41,773	-3.3%	21,201	19,503	19,157	22,244	0	0	29	26
Arkansas	7,627	6,987	9.2%	6,229	5,228	1,381	1,740	0	0	16	18
Louisiana	2,275	1,405	61.9%	1,674	1,306	601	99	0	0	0	0
Oklahoma	2,537	1,986	27.7%	2,524	1,978	0	0	0	0	12	8
Texas	27,948	31,396	-11.0%	10,773	10,991	17,175	20,405	0	0	0	0
Mountain	38,192	43,146	-11.5%	33,022	36,759	4,992	6,211	0	0	178	176
Arizona	4,495	4,681	-4.0%	4,495	4,681	0	0	0	0	0	0
Colorado	7,499	8,305	-9.7%	7,499	8,305	0	0	0	0	0	0
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	4,030	5,336	-24.5%	0	0	4,028	5,334	0	0	NM	NM
Nevada	1,029	739	39.2%	516	354	513	385	0	0	0	0
New Mexico	4,524	3,917	15.5%	4,524	3,917	0	0	0	0	0	0
Utah	5,508	7,033	-21.7%	5,321	6,853	188	180	0	0	0	0
Wyoming	11,105	13,131	-15.4%	10,669	12,649	263	312	0	0	173	171
Pacific Contiguous	942	2,023	-53.4%	0	0	810	1,901	0	0	131	122
California	119	109	9.3%	0	0	0	0	0	0	119	109
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	823	1,914	-57.0%	0	0	810	1,901	0	0	13	13
Pacific Noncontiguous	370	359	2.9%	246	232	63	64	60	63	0	0
Alaska	370	359	2.9%	246	232	63	64	60	63	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	303,027	299,496	1.2%	237,425	228,076	63,346	69,141	95	103	2,160	2,176

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 1.5.A. Utility Scale Facility Net Generation from Petroleum Liquids by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	37	14	155.6%	6	1	29	11	NM	NM	1	1
Connecticut	11	10	7.7%	0	1	11	9	NM	NM	NM	0
Maine	9	2	301.8%	0	0	7	2	0	0	1	1
Massachusetts	14	NM	NM	5	NM	8	NM	NM	NM	0	NM
New Hampshire	3	NM	NM	0	0	2	NM	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	NM	NM	NM	NM	NM	0	0	0	0	0	0
Middle Atlantic	32	30	7.3%	7	6	23	21	NM	1	1	2
New Jersey	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
New York	24	12	93.4%	7	6	16	NM	NM	NM	0	1
Pennsylvania	7	17	-56.0%	0	NM	6	16	0	1	1	1
East North Central	38	40	-5.1%	23	27	14	12	0	0	1	1
Illinois	1	1	14.8%	1	0	1	1	0	NM	0	0
Indiana	12	14	-19.5%	11	14	0	0	0	0	0	0
Michigan	NM	9	NM	NM	8	0	0	NM	NM	0	1
Ohio	15	13	17.2%	1	1	13	11	0	0	0	0
Wisconsin	NM	3	NM	NM	3	0	0	NM	NM	NM	NM
West North Central	NM	29	NM	NM	29	NM	NM	0	0	0	0
Iowa	NM	5	NM	NM	5	NM	NM	0	0	NM	NM
Kansas	6	4	48.0%	6	4	0	0	0	0	0	0
Minnesota	NM	5	NM	NM	5	NM	NM	0	0	0	0
Missouri	10	6	60.8%	10	6	0	0	0	0	0	0
Nebraska	NM	3	NM	NM	3	0	0	0	0	0	0
North Dakota	NM	3	NM	NM	3	0	0	0	0	0	0
South Dakota	NM	2	NM	NM	2	0	0	NM	NM	0	0
South Atlantic	579	77	654.0%	546	54	14	8	3	1	16	14
Delaware	NM	NM	NM	0	0	NM	NM	0	0	0	0
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	513	16	NM	513	14	0	0	0	0	NM	NM
Georgia	17	17	3.3%	3	5	NM	NM	0	NM	14	12
Maryland	8	6	25.9%	0	0	8	6	NM	0	0	0
North Carolina	6	7	-3.2%	6	6	NM	NM	NM	NM	NM	NM
South Carolina	8	8	-5.1%	8	8	0	0	0	0	0	0
Virginia	15	6	156.2%	9	3	3	2	3	1	NM	NM
West Virginia	9	18	-52.0%	9	18	0	0	0	0	0	0
East South Central	10	16	-38.7%	10	16	NM	NM	0	0	NM	NM
Alabama	NM	NM	NM	NM	NM	NM	NM	0	0	NM	NM
Kentucky	6	6	-0.5%	6	6	0	0	0	0	0	0
Mississippi	1	0	85.8%	1	0	0	0	0	0	0	0
Tennessee	3	10	-67.2%	3	10	0	0	0	0	0	0
West South Central	23	23	0.7%	8	11	14	11	NM	NM	0	1
Arkansas	2	3	-48.9%	1	3	0	0	0	0	NM	NM
Louisiana	NM	1	NM	NM	1	0	0	0	0	0	0
Oklahoma	2	5	-54.7%	2	4	0	0	0	0	0	0
Texas	19	14	36.5%	5	3	14	11	NM	NM	0	0
Mountain	NM	17	NM	NM	15	2	2	NM	NM	0	0
Arizona	3	4	-31.3%	3	4	0	0	NM	NM	0	0
Colorado	NM	4	NM	NM	4	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	NM	2	NM	NM	NM	2	2	0	0	0	0
Nevada	1	0	92.8%	1	0	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	5	2	83.3%	5	2	0	0	0	0	0	0
Wyoming	5	4	18.1%	5	4	0	0	0	0	0	0
Pacific Contiguous	NM	11	NM	NM	3	1	1	1	NM	NM	7
California	NM	8	NM	NM	3	0	0	1	0	NM	5
Oregon	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Washington	NM	3	NM	NM	NM	1	1	0	0	NM	2
Pacific Noncontiguous	640	648	-1.2%	500	531	122	99	0	0	18	19
Alaska	88	73	21.3%	84	68	0	0	NM	0	4	4
Hawaii	552	576	-4.1%	416	462	122	99	0	1	14	14
U.S. Total	1,413	906	56.1%	1,149	693	219	165	6	4	39	44

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
 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 1.5.B. Utility Scale Facility Net Generation from Petroleum Liquids

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	169	280	-39.6%	14	20	132	239	14	13	10	8
Connecticut	72	108	-33.1%	2	2	68	103	0	1	1	2
Maine	27	42	-35.2%	0	0	20	36	0	0	8	6
Massachusetts	51	57	-9.8%	12	17	33	36	6	4	1	0
New Hampshire	9	48	-80.8%	0	0	NM	41	6	7	0	0
Rhode Island	9	25	-64.4%	0	0	8	23	NM	1	0	0
Vermont	NM	NM	NM	NM	NM	0	0	0	0	0	0
Middle Atlantic	245	315	-22.2%	87	97	145	198	6	NM	7	11
New Jersey	12	40	-69.8%	0	0	12	39	NM	1	0	0
New York	177	234	-24.2%	86	97	84	123	4	NM	3	8
Pennsylvania	56	41	36.4%	0	0	50	36	1	2	4	2
East North Central	222	207	7.3%	124	119	90	81	1	1	7	7
Illinois	12	12	-2.0%	3	3	9	9	NM	NM	0	0
Indiana	45	50	-9.4%	44	44	0	5	1	0	0	0
Michigan	52	50	4.2%	50	47	0	0	NM	NM	1	3
Ohio	90	75	20.3%	7	7	81	65	0	0	2	2
Wisconsin	23	20	13.1%	NM	18	0	1	0	NM	4	1
West North Central	216	185	17.0%	211	181	NM	NM	2	1	1	1
Iowa	29	27	10.5%	28	26	1	1	0	NM	NM	NM
Kansas	57	27	112.5%	57	27	0	0	0	0	0	0
Minnesota	18	24	-24.3%	NM	22	NM	NM	1	1	1	1
Missouri	49	48	2.5%	49	48	0	0	0	0	0	0
Nebraska	NM	20	NM	NM	20	0	0	0	0	0	0
North Dakota	28	31	-9.3%	28	31	0	0	0	0	0	0
South Dakota	NM	8	NM	NM	8	0	0	NM	NM	0	0
South Atlantic	1,164	465	150.6%	896	309	152	44	11	7	105	104
Delaware	12	5	157.5%	0	0	12	5	0	0	0	0
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	572	101	468.8%	564	92	3	1	0	0	4	7
Georgia	128	100	28.3%	31	19	NM	NM	0	0	90	80
Maryland	87	18	395.4%	-1	-1	88	18	NM	0	NM	NM
North Carolina	119	35	240.5%	97	22	18	1	NM	NM	4	11
South Carolina	61	54	12.6%	57	48	1	3	0	0	3	3
Virginia	127	63	101.5%	90	39	24	16	9	6	3	3
West Virginia	57	89	-36.0%	57	89	0	0	0	0	0	0
East South Central	85	94	-10.0%	82	91	NM	NM	0	0	3	2
Alabama	4	4	2.3%	3	3	NM	NM	0	0	NM	NM
Kentucky	32	33	-1.7%	32	33	0	0	0	0	0	0
Mississippi	5	3	36.2%	3	3	0	0	0	0	2	1
Tennessee	43	54	-19.1%	43	53	0	0	0	0	0	0
West South Central	174	128	35.6%	82	54	88	71	0	0	4	2
Arkansas	20	21	-6.3%	16	18	4	4	0	0	NM	NM
Louisiana	NM	4	NM	NM	4	0	0	0	0	0	0
Oklahoma	12	9	36.3%	10	8	0	0	0	0	2	1
Texas	135	94	43.4%	49	25	84	68	0	0	2	1
Mountain	98	86	14.1%	86	78	12	8	NM	NM	0	0
Arizona	13	14	-10.7%	13	14	0	0	NM	NM	0	0
Colorado	28	17	62.9%	25	17	3	0	0	0	0	0
Idaho	0	0	183.3%	0	0	0	0	0	0	0	0
Montana	15	6	147.8%	7	NM	8	5	0	0	0	0
Nevada	3	2	34.1%	2	2	1	1	0	0	0	0
New Mexico	NM	3	NM	NM	3	0	0	0	0	0	0
Utah	13	16	-16.9%	13	14	0	2	0	0	0	0
Wyoming	23	27	-16.5%	23	27	0	0	0	0	0	0
Pacific Contiguous	56	62	-9.4%	27	24	8	5	3	3	18	30
California	33	41	-19.1%	17	17	4	2	3	2	9	20
Oregon	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Washington	23	20	10.0%	10	7	4	3	0	0	9	10
Pacific Noncontiguous	3,855	3,981	-3.2%	3,075	3,179	670	695	3	4	107	103
Alaska	501	456	9.9%	475	431	0	0	1	1	25	24
Hawaii	3,354	3,525	-4.8%	2,601	2,747	670	695	2	3	82	80
U.S. Total	6,285	5,802	8.3%	4,684	4,153	1,299	1,343	40	36	261	270

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.A. Utility Scale Facility Net Generation from Petroleum Coke by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
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	208	168	23.6%	131	80	NM	NM	0	0	14	13
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	145	91	58.8%	131	78	0	0	0	0	13	13
Ohio	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wisconsin	0	2	-100.0%	0	2	0	0	0	0	0	0
West North Central	1	0	--	0	0	0	0	1	0	0	0
Iowa	1	0	--	0	0	0	0	1	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	124	95	30.5%	121	89	0	0	0	0	NM	NM
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	121	89	36.5%	121	89	0	0	0	0	0	0
Georgia	NM	NM	NM	0	0	0	0	0	0	NM	NM
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	5	91	-94.6%	0	89	0	0	0	0	5	3
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	89	-100.0%	0	89	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	5	3	90.3%	0	0	0	0	0	0	5	3
Mountain	39	28	41.2%	0	0	39	28	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	39	28	41.2%	0	0	39	28	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	377	383	-1.4%	252	257	103	103	1	0	22	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 1.6.B. Utility Scale Facility Net Generation from Petroleum Coke

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	Generation at Utility Scale Facilities			Electric Utilities		Independent Power Producers		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 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	946	861	9.9%	550	429	333	356	0	0	63	76
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	610	489	24.6%	547	414	0	0	0	0	62	76
Ohio	333	356	-6.3%	0	0	333	356	0	0	0	0
Wisconsin	3	16	-80.2%	3	16	0	0	0	0	0	0
West North Central	4	1	148.2%	0	0	0	0	3	1	1	0
Iowa	4	1	148.2%	0	0	0	0	3	1	1	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	298	571	-47.7%	286	531	0	0	0	0	NM	NM
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	286	531	-46.1%	286	531	0	0	0	0	0	0
Georgia	NM	NM	NM	0	0	0	0	0	0	NM	NM
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	-2.2%	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	-2.2%	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	86	363	-76.3%	51	328	0	0	0	0	35	35
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	51	328	-84.3%	51	328	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	35	35	0.1%	0	0	0	0	0	0	35	35
Mountain	209	238	-12.0%	0	0	209	238	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	209	238	-12.0%	0	0	209	238	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	1,543	2,033	-24.1%	888	1,288	542	593	3	1	111	150

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

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. Utility Scale Facility Net Generation from Natural Gas by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	4,978	5,119	-2.7%	NM	NM	4,767	4,918	99	93	94	94
Connecticut	2,210	2,441	-9.5%	2	4	2,121	2,361	26	24	60	53
Maine	405	321	25.9%	0	0	392	305	3	3	10	14
Massachusetts	1,133	1,133	0.0%	NM	NM	1,043	1,048	64	62	11	12
New Hampshire	532	499	6.6%	0	0	531	496	0	0	0	2
Rhode Island	699	725	-3.6%	0	0	681	708	4	3	14	13
Vermont	0	0	NM	0	0	0	0	0	0	0	0
Middle Atlantic	22,488	20,512	9.6%	1,375	1,161	20,626	18,883	112	111	376	357
New Jersey	2,956	2,795	5.8%	NM	NM	2,879	2,716	25	24	38	39
New York	5,955	5,445	9.4%	1,359	1,144	4,462	4,180	77	74	57	47
Pennsylvania	13,578	12,272	10.6%	1	0	13,285	11,987	10	13	281	271
East North Central	20,837	20,306	2.6%	8,199	7,712	12,057	12,057	137	141	444	396
Illinois	2,864	2,694	6.3%	371	323	2,376	2,255	36	43	82	73
Indiana	3,307	3,490	-5.2%	1,644	1,710	1,441	1,569	18	18	203	193
Michigan	4,790	4,772	0.4%	2,646	2,378	2,043	2,300	53	50	48	44
Ohio	7,215	6,855	5.2%	964	946	6,197	5,863	25	25	29	21
Wisconsin	2,660	2,494	6.6%	2,573	2,354	0	70	4	5	83	65
West North Central	4,371	5,035	-13.2%	3,642	4,212	541	658	29	29	158	136
Iowa	922	1,132	-18.5%	843	1,058	NM	NM	8	9	71	64
Kansas	599	559	7.1%	560	521	0	0	0	0	39	38
Minnesota	1,214	1,597	-24.0%	863	1,164	302	395	9	9	40	28
Missouri	1,090	999	9.0%	837	724	239	262	11	10	2	3
Nebraska	NM	300	NM	NM	300	0	0	1	0	1	0
North Dakota	NM	185	NM	NM	185	0	0	0	0	1	0
South Dakota	NM	262	NM	NM	259	0	0	0	0	NM	NM
South Atlantic	39,727	37,725	5.3%	33,186	31,570	6,009	5,618	61	56	472	481
Delaware	504	366	37.8%	9	1	417	277	0	0	78	88
District of Columbia	12	10	29.5%	0	0	0	0	12	10	0	0
Florida	18,860	18,538	1.7%	17,798	17,542	921	839	NM	NM	130	146
Georgia	5,538	5,991	-7.5%	4,362	4,673	1,082	1,243	0	0	94	75
Maryland	1,262	1,214	3.9%	297	408	935	779	26	23	4	4
North Carolina	5,578	4,272	30.6%	4,820	3,452	730	792	NM	NM	NM	NM
South Carolina	1,949	2,027	-3.8%	1,853	1,958	86	53	0	0	10	16
Virginia	5,648	4,865	16.1%	4,000	3,405	1,570	1,381	1	1	77	77
West Virginia	375	443	-15.4%	47	132	269	255	0	0	59	56
East South Central	14,581	13,675	6.6%	11,508	10,178	2,767	3,198	18	17	289	282
Alabama	5,972	5,708	4.6%	3,094	2,401	2,752	3,178	0	0	125	129
Kentucky	1,763	1,287	36.9%	1,732	1,250	14	19	0	0	16	18
Mississippi	5,388	5,214	3.3%	5,346	5,169	0	0	0	0	42	45
Tennessee	1,459	1,466	-0.5%	1,336	1,359	0	0	18	17	105	90
West South Central	41,343	42,033	-1.6%	16,823	15,898	19,483	20,417	140	118	4,897	5,600
Arkansas	2,438	2,412	1.1%	2,296	2,283	121	110	NM	NM	18	NM
Louisiana	6,883	7,043	-2.3%	4,656	4,421	497	565	NM	NM	1,727	2,054
Oklahoma	4,880	4,875	0.1%	3,369	3,229	1,469	1,602	0	0	42	43
Texas	27,142	27,703	-2.0%	6,502	5,965	17,396	18,140	134	111	3,110	3,487
Mountain	12,098	9,763	23.9%	9,449	7,422	2,453	2,162	41	43	156	136
Arizona	5,183	4,330	19.7%	3,547	3,008	1,624	1,311	12	12	0	0
Colorado	1,492	1,255	18.9%	1,232	1,081	243	160	1	0	16	14
Idaho	414	382	8.3%	267	225	NM	146	3	3	14	NM
Montana	NM	51	NM	NM	51	NM	NM	0	0	0	NM
Nevada	2,258	1,566	44.2%	2,068	1,356	141	162	6	6	43	43
New Mexico	1,188	1,118	6.3%	887	732	286	373	NM	9	7	4
Utah	960	889	8.0%	924	857	NM	9	11	14	17	10
Wyoming	533	171	211.6%	474	113	0	0	0	0	58	57
Pacific Contiguous	8,130	7,365	10.4%	3,218	2,919	3,984	3,503	108	120	819	824
California	5,650	4,714	19.9%	1,924	1,271	2,884	2,573	104	118	739	752
Oregon	1,613	1,628	-0.9%	785	964	817	654	4	2	8	NM
Washington	866	1,023	-15.4%	510	683	284	276	0	0	72	65
Pacific Noncontiguous	249	295	-15.7%	247	289	0	0	0	0	2	6
Alaska	249	295	-15.7%	247	289	0	0	0	0	2	6
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	168,803	161,827	4.3%	87,665	81,374	72,688	71,414	743	727	7,707	8,312

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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 1.7.B. Utility Scale Facility Net Generation from Natural Gas

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	25,616	24,957	2.6%	NM	NM	24,411	23,797	581	503	572	616
Connecticut	11,398	11,601	-1.7%	18	20	10,877	11,138	149	131	354	313
Maine	1,886	1,424	32.4%	0	0	1,814	1,266	15	15	56	143
Massachusetts	7,304	6,715	8.8%	NM	NM	6,816	6,288	392	334	64	73
New Hampshire	1,979	1,878	5.4%	0	0	1,960	1,859	6	6	13	13
Rhode Island	3,048	3,338	-8.7%	0	0	2,944	3,247	19	17	85	74
Vermont	1	1	2.1%	0	0	0	0	0	1	0	0
Middle Atlantic	114,118	107,209	6.4%	6,284	5,398	104,964	99,231	666	577	2,204	2,003
New Jersey	14,407	13,601	5.9%	78	54	13,983	13,222	134	110	212	216
New York	29,543	25,524	15.7%	6,194	5,338	22,558	19,516	463	389	328	281
Pennsylvania	70,167	68,083	3.1%	12	6	68,423	66,493	69	78	1,664	1,506
East North Central	112,797	102,555	10.0%	39,973	37,293	69,330	62,142	772	761	2,722	2,358
Illinois	12,307	10,569	16.4%	1,485	1,140	10,128	8,817	208	218	485	394
Indiana	18,350	17,124	7.2%	8,255	8,287	8,773	7,652	100	97	1,222	1,088
Michigan	27,882	25,644	8.7%	11,774	10,751	15,479	14,287	308	308	321	299
Ohio	40,344	35,832	12.6%	5,282	4,463	34,767	31,115	131	111	164	143
Wisconsin	13,914	13,385	4.0%	13,177	12,653	183	271	25	26	530	435
West North Central	21,786	18,864	15.5%	18,038	15,154	2,658	2,742	177	178	912	789
Iowa	4,436	4,730	-6.2%	4,000	4,351	NM	NM	61	56	374	323
Kansas	2,717	2,020	34.5%	2,495	1,822	0	0	0	0	222	198
Minnesota	7,348	5,946	23.6%	5,227	4,020	1,820	1,655	46	53	256	218
Missouri	4,122	3,419	20.5%	3,196	2,241	838	1,087	67	69	20	23
Nebraska	1,101	896	22.9%	1,091	895	0	0	3	0	7	0
North Dakota	960	873	10.0%	954	869	0	0	0	0	7	4
South Dakota	1,103	979	12.7%	1,076	957	0	0	0	0	26	22
South Atlantic	198,001	190,689	3.8%	165,236	159,950	29,801	27,769	343	323	2,622	2,647
Delaware	1,757	1,879	-6.5%	17	3	1,313	1,330	0	0	426	547
District of Columbia	59	52	12.7%	0	0	0	0	59	52	0	0
Florida	94,675	90,707	4.4%	89,628	85,970	4,285	3,916	66	61	697	760
Georgia	28,308	30,008	-5.7%	22,442	23,952	5,348	5,644	0	0	519	412
Maryland	6,343	7,151	-11.3%	1,340	2,153	4,831	4,836	144	136	27	26
North Carolina	25,523	25,061	1.8%	21,110	20,590	4,249	4,304	67	60	97	107
South Carolina	10,430	11,543	-9.6%	10,047	11,261	314	206	0	0	68	76
Virginia	29,211	22,819	28.0%	20,531	15,790	8,208	6,592	7	14	465	424
West Virginia	1,696	1,468	15.5%	121	231	1,253	941	0	0	322	295
East South Central	72,385	68,605	5.5%	56,344	49,214	14,193	17,697	103	101	1,744	1,593
Alabama	29,180	28,243	3.3%	14,461	9,973	13,973	17,564	0	0	746	706
Kentucky	7,379	6,574	12.2%	7,045	6,338	218	129	0	0	116	106
Mississippi	28,411	26,282	8.1%	28,139	26,010	2	3	0	0	270	268
Tennessee	7,414	7,506	-1.2%	6,699	6,892	0	0	103	101	613	513
West South Central	198,882	188,699	5.4%	74,977	69,544	91,165	87,005	594	487	32,146	31,663
Arkansas	10,231	11,886	-13.9%	9,496	11,239	617	537	NM	NM	100	92
Louisiana	36,269	34,319	5.7%	22,131	20,119	2,048	2,260	37	26	12,053	11,914
Oklahoma	22,002	19,874	10.7%	15,192	13,058	6,555	6,555	0	-1	254	262
Texas	130,381	122,619	6.3%	28,158	25,128	81,946	77,652	539	445	19,738	19,394
Mountain	58,789	56,416	4.2%	47,041	44,734	10,605	10,701	240	230	903	750
Arizona	22,264	21,851	1.9%	15,905	15,503	6,292	6,288	67	59	0	0
Colorado	8,754	7,945	10.2%	7,436	6,731	1,228	1,134	2	1	88	80
Idaho	2,445	2,074	17.9%	1,473	1,197	861	797	20	20	90	60
Montana	441	488	-9.7%	355	423	85	65	0	0	NM	NM
Nevada	11,431	11,000	3.9%	10,750	10,256	422	531	32	32	227	180
New Mexico	5,922	6,363	-6.9%	4,186	4,465	1,673	1,838	44	47	19	14
Utah	5,572	5,700	-2.3%	5,338	5,522	43	48	76	71	115	59
Wyoming	1,961	995	97.1%	1,597	637	0	0	0	0	363	357
Pacific Contiguous	53,041	54,171	-2.1%	21,550	21,375	25,940	27,430	724	725	4,827	4,641
California	34,655	36,493	-5.0%	10,745	10,688	18,911	20,912	695	703	4,305	4,190
Oregon	10,777	10,084	6.9%	5,514	5,606	5,181	4,401	24	22	58	54
Washington	7,609	7,594	0.2%	5,291	5,081	1,849	2,117	5	0	465	397
Pacific Noncontiguous	1,611	1,548	4.1%	1,587	1,514	0	0	0	0	23	33
Alaska	1,611	1,548	4.1%	1,587	1,514	0	0	0	0	23	33
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	857,023	813,711	5.3%	431,081	404,218	373,069	358,516	4,199	3,884	48,674	47,093

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

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.C. Utility Scale Facility Net Generation from Natural Gas by Technology: Total (All Sectors), 2014-June 2024
(Thousand Megawatthours)**

Period	Natural Gas					Total
	Natural Gas Fired Combined Cycle	Natural Gas Fired Combustion Turbine	Steam Turbine	Internal Combustion Engine	Natural Gas Other	
Annual Factors						
2014	958,947	90,159	74,100	2,921	508	1,126,635
2015	1,131,803	108,655	89,796	3,760	654	1,334,668
2016	1,153,209	123,429	98,204	3,714	715	1,379,271
2017	1,096,212	111,732	84,520	4,370	869	1,297,703
2018	1,233,699	133,823	98,017	5,203	1,101	1,471,843
2019	1,343,576	130,661	106,113	6,655	1,527	1,588,533
2020	1,378,175	131,385	108,699	6,904	1,627	1,626,790
2021	1,339,517	130,987	98,533	8,255	1,899	1,579,190
2022	1,421,927	145,023	109,059	8,808	2,250	1,687,067
2023	1,509,718	162,058	119,745	10,448	94	1,802,062
Year 2022						
January	116,628	10,595	6,918	652	155	134,948
February	100,075	8,174	6,006	553	137	114,945
March	98,525	7,814	5,440	558	139	112,477
April	90,511	8,805	5,507	541	142	105,506
May	105,644	11,956	8,742	610	142	127,094
June	126,835	15,732	12,016	756	179	155,517
July	151,829	19,422	16,583	958	250	189,042
August	155,761	17,838	13,937	1,045	280	188,860
Sept	133,059	12,892	9,909	869	219	156,948
October	114,000	9,862	8,687	743	200	133,492
November	108,068	10,459	8,079	723	194	127,523
December	120,993	11,473	7,234	801	215	140,716
Year 2023						
January	121,763	8,980	6,262	717	4	137,725
February	109,921	7,776	5,602	626	4	123,928
March	114,448	9,995	6,967	793	5	132,207
April	99,883	11,524	8,167	713	6	120,294
May	113,994	13,366	9,618	742	8	137,728
June	132,751	16,075	12,057	934	11	161,827
July	158,974	22,737	17,552	1,279	13	200,554
August	159,367	22,139	17,149	1,322	18	199,995
Sept	137,758	14,441	12,256	942	9	165,406
October	115,904	13,962	10,219	872	7	140,963
November	114,879	11,496	8,100	780	5	135,260
December	130,079	9,568	5,795	729	3	146,174
Year 2024						
January	137,484	13,504	8,535	921	6	160,450
February	114,698	9,305	6,266	717	3	130,990
March	110,578	10,831	8,221	786	6	130,423
April	98,716	13,657	9,319	741	8	122,441
May	116,458	14,608	11,981	861	9	143,917
June	135,822	16,440	15,555	976	10	168,803

Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

The 'Natural Gas Other' category consists of power plants with prime movers of Fuel Cells and Other Prime Movers that consume natural gas.

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

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.

**Table 1.8.A. Utility Scale Facility Net Generation from Other Gases
by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	51	NM	NM	0	0	12	0	0	0	39	NM
New Jersey	22	11	109.4%	0	0	12	0	0	0	11	10
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	29	NM	NM	0	0	0	0	0	0	29	NM
East North Central	335	289	16.0%	0	0	140	127	0	0	196	162
Illinois	17	26	-32.8%	0	0	0	0	0	0	17	26
Indiana	157	120	30.9%	0	0	0	0	0	0	157	120
Michigan	100	104	-3.5%	0	0	100	104	0	0	0	0
Ohio	61	NM	NM	0	0	40	NM	0	0	21	16
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	2	3	-42.5%	0	0	0	0	0	0	2	3
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	2	3	-42.5%	0	0	0	0	0	0	2	3
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	25	28	-12.2%	0	0	0	0	0	0	25	28
Delaware	23	20	13.5%	0	0	0	0	0	0	23	20
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	61.7%	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	2	8	-72.4%	0	0	0	0	0	0	2	8
East South Central	1	1	8.2%	0	0	0	0	0	0	1	1
Alabama	0	NM	NM	0	0	0	0	0	0	0	NM
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	12.4%	0	0	0	0	0	0	1	1
West South Central	315	367	-14.1%	0	0	129	114	0	0	185	253
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	102	172	-40.8%	0	0	0	0	0	0	102	172
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	213	195	9.4%	0	0	129	114	0	0	84	81
Mountain	28	30	-6.2%	0	0	1	1	0	0	28	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	1	1	-26.1%	0	0	1	1	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	-74.6%	0	0	0	0	0	0	0	0
Wyoming	28	29	-5.1%	0	0	0	0	0	0	28	29
Pacific Contiguous	97	145	-33.0%	0	0	0	0	0	0	97	145
California	77	126	-39.1%	0	0	0	0	0	0	77	126
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	21	19	6.2%	0	0	0	0	0	0	21	19
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	854	894	-4.5%	0	0	281	242	0	0	573	652

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

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

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

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

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

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

Table 1.8.B. Utility Scale Facility Net Generation from Other Gases

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 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	217	251	-13.5%	0	0	13	7	0	0	204	244
New Jersey	85	71	19.8%	0	0	13	7	0	0	72	64
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	132	180	-26.6%	0	0	0	0	0	0	132	180
East North Central	1,729	1,979	-12.6%	0	0	752	875	0	0	977	1,104
Illinois	86	115	-25.4%	0	0	0	0	0	0	86	115
Indiana	788	921	-14.5%	0	0	0	0	0	0	788	921
Michigan	553	655	-15.6%	0	0	553	655	0	0	0	0
Ohio	303	287	5.4%	0	0	200	220	0	0	103	67
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	16	12	24.7%	0	0	0	0	0	0	16	12
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	16	12	24.7%	0	0	0	0	0	0	16	12
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	135	102	32.4%	0	0	0	0	0	0	135	102
Delaware	118	78	51.0%	0	0	0	0	0	0	118	78
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	-46.6%	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	16	23	-30.0%	0	0	0	0	0	0	16	23
East South Central	6	5	6.0%	0	0	0	0	0	0	6	5
Alabama	NM	NM	NM	0	0	0	0	0	0	NM	NM
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	6	5	6.9%	0	0	0	0	0	0	6	5
West South Central	1,852	1,989	-6.9%	0	0	636	594	0	0	1,215	1,395
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	695	919	-24.4%	0	0	0	0	0	0	695	919
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	1,157	1,069	8.2%	0	0	636	594	0	0	520	475
Mountain	187	191	-2.0%	0	0	3	5	0	0	184	185
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	3	5	-43.0%	0	0	3	5	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	9.3%	0	0	0	0	0	0	1	1
Wyoming	183	184	-0.9%	0	0	0	0	0	0	183	184
Pacific Contiguous	738	847	-12.8%	0	0	0	0	0	0	738	847
California	647	733	-11.8%	0	0	0	0	0	0	647	733
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	92	114	-19.4%	0	0	0	0	0	0	92	114
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	4,879	5,375	-9.2%	0	0	1,405	1,481	0	0	3,474	3,894

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

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

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

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

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

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

Table 1.9.A. Utility Scale Facility Net Generation from Nuclear Energy by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	2,408	925	160.3%	0	0	2,408	925	0	0	0	0
Connecticut	1,508	26	NM	0	0	1,508	26	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	899	899	0.1%	0	0	899	899	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	11,307	11,385	-0.7%	0	0	11,307	11,385	0	0	0	0
New Jersey	2,463	2,523	-2.4%	0	0	2,463	2,523	0	0	0	0
New York	2,356	2,368	-0.5%	0	0	2,356	2,368	0	0	0	0
Pennsylvania	6,489	6,493	-0.1%	0	0	6,489	6,493	0	0	0	0
East North Central	13,002	13,215	-1.6%	2,227	2,401	10,774	10,813	0	0	0	0
Illinois	8,392	8,404	-0.1%	0	0	8,392	8,404	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,227	2,401	-7.2%	2,227	2,401	0	0	0	0	0	0
Ohio	1,519	1,552	-2.1%	0	0	1,519	1,552	0	0	0	0
Wisconsin	863	858	0.6%	0	0	863	858	0	0	0	0
West North Central	3,470	3,322	4.5%	3,470	3,322	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	867	861	0.7%	867	861	0	0	0	0	0	0
Minnesota	1,173	1,029	13.9%	1,173	1,029	0	0	0	0	0	0
Missouri	865	869	-0.5%	865	869	0	0	0	0	0	0
Nebraska	565	562	0.5%	565	562	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	18,624	17,689	5.3%	17,357	16,417	1,267	1,273	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	2,414	2,670	-9.6%	2,414	2,670	0	0	0	0	0	0
Georgia	4,315	2,976	45.0%	4,315	2,976	0	0	0	0	0	0
Maryland	1,267	1,273	-0.5%	0	0	1,267	1,273	0	0	0	0
North Carolina	3,706	3,740	-0.9%	3,706	3,740	0	0	0	0	0	0
South Carolina	4,449	4,717	-5.7%	4,449	4,717	0	0	0	0	0	0
Virginia	2,474	2,313	6.9%	2,474	2,313	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	8,125	7,989	1.7%	8,125	7,989	0	0	0	0	0	0
Alabama	3,848	3,780	1.8%	3,848	3,780	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	995	974	2.2%	995	974	0	0	0	0	0	0
Tennessee	3,281	3,236	1.4%	3,281	3,236	0	0	0	0	0	0
West South Central	5,968	5,818	2.6%	2,439	2,400	3,530	3,419	0	0	0	0
Arkansas	1,320	1,291	2.3%	1,320	1,291	0	0	0	0	0	0
Louisiana	1,119	1,109	0.9%	1,119	1,109	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	3,530	3,419	3.2%	0	0	3,530	3,419	0	0	0	0
Mountain	2,850	2,736	4.2%	2,850	2,736	0	0	0	0	0	0
Arizona	2,850	2,736	4.2%	2,850	2,736	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	2,439	1,886	29.3%	2,439	1,886	0	0	0	0	0	0
California	1,634	1,625	0.5%	1,634	1,625	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	806	262	208.1%	806	262	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	68,192	64,965	5.0%	38,907	37,151	29,285	27,814	0	0	0	0

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

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

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

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

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

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

Table 1.9.B. Utility Scale Facility Net Generation from Nuclear Energy

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	Generation at Utility Scale Facilities			Electric Utilities		Independent Power Producers		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	14,310	10,556	35.6%	0	0	14,310	10,556	0	0	0	0
Connecticut	8,881	6,338	40.1%	0	0	8,881	6,338	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	5,429	4,218	28.7%	0	0	5,429	4,218	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	64,462	64,327	0.2%	0	0	64,462	64,327	0	0	0	0
New Jersey	13,830	14,350	-3.6%	0	0	13,830	14,350	0	0	0	0
New York	13,684	13,386	2.2%	0	0	13,684	13,386	0	0	0	0
Pennsylvania	36,948	36,591	1.0%	0	0	36,948	36,591	0	0	0	0
East North Central	74,717	74,204	0.7%	11,531	14,792	63,186	59,412	0	0	0	0
Illinois	49,408	47,741	3.5%	0	0	49,408	47,741	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	11,531	14,792	-22.0%	11,531	14,792	0	0	0	0	0	0
Ohio	8,523	6,862	24.2%	0	0	8,523	6,862	0	0	0	0
Wisconsin	5,255	4,809	9.3%	0	0	5,255	4,809	0	0	0	0
West North Central	18,408	20,122	-8.5%	18,408	20,122	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	3,991	5,092	-21.6%	3,991	5,092	0	0	0	0	0	0
Minnesota	5,793	6,630	-12.6%	5,793	6,630	0	0	0	0	0	0
Missouri	5,150	4,961	3.8%	5,150	4,961	0	0	0	0	0	0
Nebraska	3,474	3,440	1.0%	3,474	3,440	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	108,108	100,890	7.2%	100,890	93,585	7,218	7,304	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	14,999	14,853	1.0%	14,999	14,853	0	0	0	0	0	0
Georgia	23,198	16,733	38.6%	23,198	16,733	0	0	0	0	0	0
Maryland	7,218	7,304	-1.2%	0	0	7,218	7,304	0	0	0	0
North Carolina	21,241	20,505	3.6%	21,241	20,505	0	0	0	0	0	0
South Carolina	27,659	26,724	3.5%	27,659	26,724	0	0	0	0	0	0
Virginia	13,795	14,769	-6.6%	13,795	14,769	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	45,206	46,723	-3.2%	45,206	46,723	0	0	0	0	0	0
Alabama	21,441	22,206	-3.4%	21,441	22,206	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	4,926	6,112	-19.4%	4,926	6,112	0	0	0	0	0	0
Tennessee	18,840	18,405	2.4%	18,840	18,405	0	0	0	0	0	0
West South Central	32,585	32,324	0.8%	13,532	12,806	19,053	19,518	0	0	0	0
Arkansas	7,569	6,925	9.3%	7,569	6,925	0	0	0	0	0	0
Louisiana	5,963	5,881	1.4%	5,963	5,881	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	19,053	19,518	-2.4%	0	0	19,053	19,518	0	0	0	0
Mountain	16,144	15,358	5.1%	16,144	15,358	0	0	0	0	0	0
Arizona	16,144	15,358	5.1%	16,144	15,358	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	13,560	13,095	3.6%	13,560	13,095	0	0	0	0	0	0
California	8,580	9,607	-10.7%	8,580	9,607	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	4,980	3,487	42.8%	4,980	3,487	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	387,501	377,598	2.6%	219,272	216,481	168,229	161,117	0	0	0	0

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

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

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

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

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

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

Table 1.10.A. Utility Scale Facility Net Generation from Hydroelectric (Conventional) Power by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	485	350	38.6%	44	33	435	313	0	0	NM	NM
Connecticut	22	NM	NM	2	NM	21	NM	0	0	0	0
Maine	233	191	21.9%	0	0	228	188	0	0	NM	NM
Massachusetts	63	48	31.2%	15	NM	48	34	0	0	0	0
New Hampshire	81	38	116.6%	NM	NM	81	37	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	84	61	37.6%	27	18	57	43	0	0	0	0
Middle Atlantic	2,448	2,217	10.4%	1,944	1,882	501	333	0	0	3	3
New Jersey	0	0	-100.0%	0	0	0	0	0	0	0	0
New York	2,252	2,115	6.5%	1,941	1,880	308	232	0	0	3	3
Pennsylvania	196	102	92.3%	3	2	194	100	0	0	0	0
East North Central	335	292	14.6%	294	260	30	24	NM	NM	10	NM
Illinois	NM	7	NM	NM	5	NM	NM	0	0	0	0
Indiana	28	19	45.4%	27	18	0	0	NM	NM	0	0
Michigan	105	96	9.5%	99	90	NM	NM	0	0	NM	NM
Ohio	40	30	34.5%	26	19	14	NM	0	0	0	0
Wisconsin	155	140	10.7%	137	127	NM	NM	0	0	10	7
West North Central	850	774	9.8%	813	750	NM	NM	0	0	15	7
Iowa	89	75	18.8%	88	74	1	0	0	0	0	0
Kansas	4	2	147.1%	0	0	4	2	0	0	0	0
Minnesota	80	64	26.0%	48	42	NM	NM	0	0	15	7
Missouri	101	49	105.8%	101	49	0	0	0	0	0	0
Nebraska	83	81	3.2%	83	81	0	0	0	0	0	0
North Dakota	142	140	1.7%	142	140	0	0	0	0	0	0
South Dakota	351	364	-3.7%	351	364	0	0	0	0	0	0
South Atlantic	983	595	65.3%	765	440	175	117	1	1	42	37
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	18	16	9.7%	18	16	0	0	0	0	0	0
Georgia	223	112	99.8%	221	109	NM	NM	0	0	NM	NM
Maryland	78	48	61.0%	0	0	78	48	0	0	0	0
North Carolina	326	229	42.1%	269	186	56	42	1	1	NM	NM
South Carolina	136	33	316.0%	132	31	NM	NM	0	0	0	0
Virginia	77	53	46.4%	69	47	8	NM	0	0	0	0
West Virginia	125	104	20.7%	56	50	29	18	0	0	40	35
East South Central	1,697	1,181	43.6%	1,638	1,138	59	43	0	0	0	0
Alabama	665	394	68.8%	665	394	0	0	0	0	0	0
Kentucky	350	289	21.3%	349	288	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	681	498	36.7%	624	456	58	42	0	0	0	0
West South Central	470	257	82.9%	390	185	81	72	0	0	0	0
Arkansas	244	130	87.3%	239	124	NM	6	0	0	0	0
Louisiana	72	63	13.9%	0	0	72	63	0	0	0	0
Oklahoma	119	50	138.0%	119	50	0	0	0	0	0	0
Texas	34	13	162.5%	31	NM	3	3	0	0	0	0
Mountain	2,398	2,485	-3.5%	2,300	2,384	93	98	NM	NM	0	0
Arizona	536	679	-21.0%	536	679	0	0	0	0	0	0
Colorado	135	147	-8.2%	115	126	NM	NM	2	1	0	0
Idaho	662	648	2.2%	604	587	59	61	0	0	0	0
Montana	752	697	7.9%	743	688	NM	NM	0	0	0	0
Nevada	185	177	4.8%	180	171	NM	NM	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	52	57	-8.3%	49	53	0	1	NM	NM	0	0
Wyoming	63	66	-4.6%	62	65	2	2	0	0	0	0
Pacific Contiguous	11,400	11,184	1.9%	11,179	10,941	219	242	NM	NM	0	0
California	3,083	3,526	-12.6%	2,905	3,325	176	200	NM	NM	0	0
Oregon	2,146	1,927	11.4%	2,128	1,909	NM	NM	0	0	0	0
Washington	6,172	5,732	7.7%	6,146	5,707	NM	NM	0	0	0	0
Pacific Noncontiguous	141	132	6.5%	119	112	2	1	NM	NM	NM	NM
Alaska	133	125	6.8%	119	112	0	0	NM	NM	0	0
Hawaii	NM	NM	NM	1	0	2	1	0	0	NM	NM
U.S. Total	21,207	19,467	8.9%	19,486	18,123	1,616	1,260	NM	NM	81	63

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

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

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

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

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

Table 1.10.B. Utility Scale Facility Net Generation from Hydroelectric (Conventional) Power

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	3,684	3,320	11.0%	370	334	3,268	2,945	2	3	44	39
Connecticut	190	162	17.4%	24	17	167	145	0	0	0	0
Maine	1,670	1,528	9.3%	NM	NM	1,626	1,488	0	0	44	39
Massachusetts	483	447	8.1%	121	115	360	329	2	3	0	0
New Hampshire	694	602	15.4%	NM	NM	688	596	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	0	0	0	0
Vermont	642	578	11.0%	219	196	423	382	0	0	0	0
Middle Atlantic	16,070	15,046	6.8%	12,258	11,665	3,776	3,347	3	4	34	30
New Jersey	4	5	-24.3%	0	0	4	5	0	0	0	0
New York	14,508	13,708	5.8%	12,195	11,618	2,277	2,056	3	4	34	30
Pennsylvania	1,559	1,333	16.9%	63	47	1,496	1,286	0	0	0	0
East North Central	1,885	1,917	-1.7%	1,632	1,674	189	180	NM	NM	56	57
Illinois	42	47	-10.3%	24	30	18	17	0	0	0	0
Indiana	209	187	11.8%	203	181	0	0	NM	NM	0	0
Michigan	541	577	-6.2%	508	543	NM	NM	0	0	NM	NM
Ohio	288	251	14.8%	187	160	101	91	0	0	0	0
Wisconsin	804	856	-6.0%	711	760	41	44	0	0	52	52
West North Central	4,595	4,704	-2.3%	4,453	4,565	100	104	0	0	43	34
Iowa	395	437	-9.6%	392	433	3	3	0	0	0	0
Kansas	12	9	30.1%	0	0	12	9	0	0	0	0
Minnesota	371	386	-3.8%	244	260	85	91	0	0	43	34
Missouri	780	666	17.2%	780	666	0	0	0	0	0	0
Nebraska	434	461	-5.8%	434	461	0	0	0	0	0	0
North Dakota	743	787	-5.6%	743	787	0	0	0	0	0	0
South Dakota	1,860	1,958	-5.0%	1,860	1,958	0	0	0	0	0	0
South Atlantic	8,904	7,718	15.4%	6,505	5,714	2,092	1,724	10	8	296	273
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	124	115	8.0%	124	115	0	0	0	0	0	0
Georgia	1,835	1,604	14.4%	1,817	1,586	NM	NM	0	0	NM	NM
Maryland	1,344	1,050	27.9%	0	0	1,344	1,050	0	0	0	0
North Carolina	2,717	2,395	13.4%	2,288	2,007	418	379	9	6	NM	NM
South Carolina	1,342	1,140	17.7%	1,308	1,110	32	28	2	1	0	0
Virginia	646	594	8.7%	578	534	68	59	0	0	0	0
West Virginia	897	820	9.5%	390	361	224	198	0	0	284	261
East South Central	13,340	11,915	12.0%	12,903	11,522	437	393	0	0	0	0
Alabama	5,758	5,075	13.5%	5,758	5,075	0	0	0	0	0	0
Kentucky	2,497	2,264	10.3%	2,489	2,257	NM	NM	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	5,085	4,576	11.1%	4,656	4,190	429	386	0	0	0	0
West South Central	3,981	3,525	12.9%	3,416	3,005	565	520	NM	NM	0	0
Arkansas	2,000	1,758	13.7%	1,966	1,729	34	30	0	0	0	0
Louisiana	510	470	8.6%	0	0	510	470	0	0	0	0
Oklahoma	1,023	883	15.8%	1,023	883	0	0	0	0	0	0
Texas	448	413	8.4%	427	393	21	20	NM	NM	0	0
Mountain	12,453	13,026	-4.4%	11,944	12,488	490	518	NM	NM	0	0
Arizona	2,929	3,038	-3.6%	2,929	3,038	0	0	0	0	0	0
Colorado	661	765	-13.6%	568	661	88	99	5	5	0	0
Idaho	3,460	3,669	-5.7%	3,149	3,342	311	327	0	0	0	0
Montana	3,881	4,134	-6.1%	3,832	4,082	49	52	0	0	0	0
Nevada	838	704	19.0%	808	676	30	28	0	0	0	0
New Mexico	66	68	-2.8%	66	68	0	0	0	0	0	0
Utah	286	300	-4.8%	264	277	7	8	NM	NM	0	0
Wyoming	332	348	-4.5%	328	344	4	3	0	0	0	0
Pacific Contiguous	60,489	63,601	-4.9%	59,252	62,353	1,223	1,234	NM	NM	0	0
California	17,289	17,372	-0.5%	16,277	16,362	998	996	NM	NM	0	0
Oregon	12,973	13,546	-4.2%	12,881	13,449	92	97	0	0	0	0
Washington	30,226	32,683	-7.5%	30,094	32,542	133	141	0	0	0	0
Pacific Noncontiguous	738	783	-5.8%	617	658	18	15	74	79	29	32
Alaska	688	733	-6.2%	614	654	0	0	74	79	0	0
Hawaii	50	50	-1.4%	2	3	18	15	0	0	29	32
U.S. Total	126,139	125,555	0.5%	113,350	113,978	12,158	10,979	129	132	503	466

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

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

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

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

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

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

Table 1.11.A. Utility Scale Facility Net Generation from Renewable Sources Excluding Hydroelectric by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	1,095	923	18.6%	48	44	965	782	42	45	39	52
Connecticut	96	83	16.5%	0	0	95	81	NM	NM	NM	NM
Maine	388	316	22.6%	0	0	349	265	0	0	38	51
Massachusetts	326	297	9.7%	12	10	274	245	40	41	NM	NM
New Hampshire	98	85	14.8%	0	0	96	83	1	2	0	0
Rhode Island	108	75	44.4%	0	0	108	75	0	0	0	0
Vermont	79	68	17.1%	37	34	43	33	0	0	0	0
Middle Atlantic	1,781	1,276	39.6%	40	27	1,581	1,091	124	121	36	37
New Jersey	250	228	9.5%	14	12	189	171	47	46	NM	NM
New York	987	681	45.0%	26	16	889	595	57	59	15	11
Pennsylvania	544	367	48.3%	0	0	503	325	20	16	21	26
East North Central	5,801	3,861	50.2%	1,171	640	4,525	3,126	11	12	94	83
Illinois	2,194	1,556	41.0%	8	9	2,186	1,547	NM	NM	NM	0
Indiana	1,125	833	35.1%	235	158	886	671	0	0	4	4
Michigan	1,185	783	51.4%	484	257	647	483	4	4	49	38
Ohio	711	344	106.9%	NM	NM	691	323	1	1	18	18
Wisconsin	586	346	69.3%	442	215	116	103	5	6	23	23
West North Central	11,522	7,206	59.9%	4,062	2,484	7,367	4,635	16	16	76	71
Iowa	3,502	2,201	59.1%	2,496	1,557	999	638	1	NM	6	6
Kansas	2,781	1,604	73.4%	247	162	2,531	1,440	NM	NM	NM	NM
Minnesota	1,511	1,136	33.1%	515	275	922	791	8	7	67	62
Missouri	564	335	68.5%	225	112	333	217	6	6	0	0
Nebraska	999	648	54.1%	16	15	982	632	1	2	0	0
North Dakota	1,240	786	57.7%	445	280	795	506	0	0	0	0
South Dakota	925	496	86.3%	117	83	805	411	0	0	NM	NM
South Atlantic	7,052	5,795	21.7%	2,316	1,759	3,932	3,254	85	96	719	687
Delaware	26	24	8.6%	NM	NM	23	21	NM	NM	NM	2
District of Columbia	9	8	22.6%	NM	0	5	3	5	5	0	0
Florida	2,073	1,647	25.9%	1,757	1,311	182	170	34	39	99	127
Georgia	1,419	1,184	19.8%	67	63	1,057	852	NM	NM	295	270
Maryland	189	159	18.3%	NM	NM	186	156	NM	3	0	0
North Carolina	1,513	1,361	11.1%	123	78	1,302	1,189	12	12	75	83
South Carolina	508	436	16.4%	NM	5	365	319	0	0	138	113
Virginia	1,159	841	37.9%	358	300	660	411	32	36	110	93
West Virginia	156	134	15.9%	NM	0	151	134	0	0	0	0
East South Central	908	766	18.5%	31	36	451	308	NM	NM	424	420
Alabama	400	390	2.4%	NM	2	135	136	0	0	262	252
Kentucky	59	51	14.9%	11	12	20	13	NM	NM	27	26
Mississippi	285	172	65.5%	17	22	169	46	0	0	99	105
Tennessee	164	152	7.9%	NM	NM	126	113	NM	NM	37	38
West South Central	19,319	14,558	32.7%	744	221	18,247	14,046	7	5	322	287
Arkansas	309	136	126.8%	28	26	209	50	2	2	69	58
Louisiana	248	183	35.5%	4	4	84	35	0	0	160	144
Oklahoma	3,544	2,273	55.9%	646	134	2,870	2,117	0	-1	28	23
Texas	15,218	11,966	27.2%	65	57	15,083	11,845	5	3	65	61
Mountain	9,373	6,801	37.8%	1,366	1,007	7,978	5,748	12	13	16	33
Arizona	1,431	992	44.3%	72	61	1,353	925	NM	3	NM	NM
Colorado	2,039	1,539	32.4%	338	311	1,696	1,226	NM	NM	NM	0
Idaho	411	286	43.9%	50	41	353	216	2	2	6	27
Montana	520	252	106.4%	73	53	445	197	0	0	2	2
Nevada	1,810	1,399	29.4%	62	21	1,741	1,372	5	5	NM	NM
New Mexico	1,603	1,298	23.5%	295	217	1,309	1,081	NM	NM	0	0
Utah	688	519	32.6%	22	23	665	494	0	1	NM	0
Wyoming	871	517	68.5%	454	279	416	238	0	0	0	0
Pacific Contiguous	10,336	9,041	14.3%	751	608	9,318	8,148	80	82	187	204
California	8,245	7,160	15.2%	213	158	7,864	6,836	77	79	91	87
Oregon	1,231	1,217	1.2%	157	177	1,027	992	2	2	45	46
Washington	859	664	29.4%	381	272	427	320	NM	NM	51	71
Pacific Noncontiguous	198	187	5.9%	16	14	168	158	13	15	0	0
Alaska	16	11	44.8%	7	NM	6	NM	3	2	0	0
Hawaii	182	176	3.4%	9	8	163	155	11	13	0	0
U.S. Total	67,385	50,416	33.7%	10,547	6,840	54,533	41,296	392	406	1,913	1,874

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

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

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

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

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

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

Table 1.11.B. Utility Scale Facility Net Generation from Renewable Sources Excluding Hydroelectric

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	6,289	5,940	5.9%	299	302	5,448	5,037	247	257	295	344
Connecticut	458	436	5.1%	1	0	451	430	3	3	NM	NM
Maine	2,572	2,461	4.5%	0	0	2,282	2,120	3	5	288	336
Massachusetts	1,621	1,541	5.2%	66	62	1,330	1,246	221	227	NM	NM
New Hampshire	621	603	2.9%	0	0	604	585	16	18	0	0
Rhode Island	546	438	24.7%	0	0	543	435	3	3	0	0
Vermont	471	462	2.0%	232	240	238	221	1	1	0	0
Middle Atlantic	10,000	8,511	17.5%	214	163	8,825	7,458	696	621	265	269
New Jersey	1,245	1,145	8.7%	66	56	914	849	262	238	NM	2
New York	5,527	4,583	20.6%	148	107	4,975	4,116	320	285	84	74
Pennsylvania	3,228	2,783	16.0%	0	0	2,936	2,493	114	97	179	193
East North Central	36,339	30,233	20.2%	6,110	4,296	29,592	25,315	66	71	571	551
Illinois	15,403	13,237	16.4%	49	57	15,350	13,178	NM	NM	NM	0
Indiana	7,048	6,401	10.1%	921	458	6,104	5,919	1	1	23	23
Michigan	7,398	6,214	19.0%	3,138	2,511	3,947	3,432	23	22	290	249
Ohio	3,517	2,288	53.8%	8	8	3,387	2,134	7	8	114	138
Wisconsin	2,973	2,093	42.0%	1,994	1,263	804	652	32	37	144	141
West North Central	76,558	70,190	9.1%	28,371	26,073	47,658	43,648	85	88	445	381
Iowa	25,196	23,297	8.2%	18,079	16,785	7,076	6,475	5	6	36	31
Kansas	16,259	14,218	14.4%	1,540	1,331	14,705	12,873	NM	NM	NM	NM
Minnesota	10,044	9,382	7.1%	3,309	2,763	6,304	6,243	43	47	388	329
Missouri	4,118	3,874	6.3%	1,690	1,552	2,405	2,302	22	18	2	2
Nebraska	6,788	6,735	0.8%	93	94	6,689	6,632	6	9	0	0
North Dakota	8,025	7,758	3.4%	2,842	2,770	5,182	4,989	0	0	0	0
South Dakota	6,127	4,926	24.4%	818	779	5,296	4,134	0	0	13	13
South Atlantic	35,351	31,069	13.8%	11,550	9,286	18,990	16,867	499	539	4,312	4,377
Delaware	117	123	-5.5%	3	3	100	107	2	4	11	10
District of Columbia	46	43	6.8%	NM	NM	16	12	30	31	0	0
Florida	11,127	9,058	22.8%	9,200	7,008	1,036	1,022	201	228	690	800
Georgia	7,089	6,324	12.1%	275	319	5,069	4,285	NM	NM	1,744	1,720
Maryland	1,016	896	13.4%	4	4	1,002	879	10	13	0	0
North Carolina	7,239	6,738	7.4%	435	371	6,267	5,793	57	56	480	517
South Carolina	2,533	2,361	7.3%	31	32	1,710	1,584	0	0	792	745
Virginia	4,989	4,337	15.0%	1,583	1,549	2,614	1,995	198	207	594	585
West Virginia	1,196	1,190	0.5%	20	0	1,176	1,190	0	0	0	0
East South Central	4,533	4,023	12.7%	159	173	1,837	1,331	4	3	2,533	2,517
Alabama	2,193	2,122	3.3%	13	12	611	575	0	0	1,568	1,535
Kentucky	299	289	3.3%	60	67	68	61	NM	NM	169	160
Mississippi	1,257	944	33.2%	84	92	573	212	0	0	600	639
Tennessee	785	668	17.5%	NM	NM	586	482	NM	2	195	183
West South Central	109,797	98,624	11.3%	2,578	1,512	105,244	95,257	71	34	1,904	1,821
Arkansas	1,326	722	83.7%	125	124	784	226	9	9	409	363
Louisiana	1,353	1,119	20.9%	20	19	382	164	0	0	951	935
Oklahoma	21,078	19,722	6.9%	2,210	1,172	18,710	18,411	-1	-5	158	143
Texas	86,040	77,061	11.7%	223	197	85,369	76,455	63	30	386	379
Mountain	50,042	42,965	16.5%	8,374	7,909	41,420	34,801	67	66	181	189
Arizona	6,197	4,664	32.9%	343	280	5,829	4,359	13	12	13	13
Colorado	11,577	9,857	17.5%	2,296	2,246	9,261	7,602	9	9	11	1
Idaho	2,215	1,959	13.1%	232	222	1,827	1,562	15	15	142	160
Montana	3,275	2,419	35.4%	512	522	2,757	1,888	0	0	6	10
Nevada	8,171	7,169	14.0%	176	96	7,965	7,045	24	22	5	5
New Mexico	10,202	9,412	8.4%	1,742	1,685	8,459	7,726	NM	NM	0	0
Utah	3,059	2,620	16.8%	137	148	2,914	2,465	5	7	NM	0
Wyoming	5,344	4,864	9.9%	2,936	2,709	2,408	2,155	0	0	0	0
Pacific Contiguous	50,813	46,973	8.2%	4,136	3,857	45,104	41,456	470	464	1,103	1,196
California	38,802	35,542	9.2%	861	835	37,006	33,794	449	444	485	469
Oregon	6,605	6,402	3.2%	844	840	5,464	5,277	15	15	282	270
Washington	5,406	5,030	7.5%	2,431	2,182	2,634	2,385	5	6	336	457
Pacific Noncontiguous	1,029	997	3.2%	94	91	843	818	92	89	0	0
Alaska	104	91	14.2%	47	44	37	29	20	18	0	0
Hawaii	925	906	2.0%	46	47	806	789	72	71	0	0
U.S. Total	380,751	339,526	12.1%	61,887	53,662	304,963	271,988	2,295	2,231	11,608	11,645

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

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

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

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

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

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

Table 1.12.A. Utility Scale Facility Net Generation from Hydroelectric (Pumped Storage) Power by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	-35	-37	-5.3%	0	0	-35	-37	0	0	0	0
Connecticut	0	1	-53.7%	0	0	0	1	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-35	-37	-6.0%	0	0	-35	-37	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	-138	-127	8.6%	-33	-41	-105	-86	0	0	0	0
New Jersey	-27	-20	32.1%	0	0	-27	-20	0	0	0	0
New York	-33	-41	-20.5%	-33	-41	0	0	0	0	0	0
Pennsylvania	-79	-66	19.5%	0	0	-79	-66	0	0	0	0
East North Central	-121	-70	72.9%	-121	-70	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	-121	-70	72.9%	-121	-70	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	46	-11	-527.9%	46	-11	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	46	-11	-527.9%	46	-11	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	-303	-284	6.7%	-303	-284	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	-78	-55	42.4%	-78	-55	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	-56	-31	81.8%	-56	-31	0	0	0	0	0	0
Virginia	-168	-198	-15.0%	-168	-198	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-74	-66	12.4%	-74	-66	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	-74	-66	12.4%	-74	-66	0	0	0	0	0	0
West South Central	0	-5	-106.9%	0	-5	0	0	0	0	0	0
Arkansas	6	3	105.6%	6	3	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-6	-8	-27.0%	-6	-8	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	33	30	11.3%	33	30	0	0	0	0	0	0
Arizona	22	21	5.4%	22	21	0	0	0	0	0	0
Colorado	11	8	26.3%	11	8	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	4	26	-84.2%	4	26	0	0	0	0	0	0
California	4	27	-85.7%	4	27	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	-303.4%	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	-586	-542	8.1%	-446	-420	-140	-123	0	0	0	0

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

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

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

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

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

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

Table 1.12.B. Utility Scale Facility Net Generation from Hydroelectric (Pumped Storage) Power

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	-219	-216	1.4%	0	0	-219	-216	0	0	0	0
Connecticut	6	-3	-301.6%	0	0	6	-3	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-225	-213	5.3%	0	0	-225	-213	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	-714	-590	20.9%	-178	-156	-535	-435	0	0	0	0
New Jersey	-110	-68	60.7%	0	0	-110	-68	0	0	0	0
New York	-178	-156	14.6%	-178	-156	0	0	0	0	0	0
Pennsylvania	-426	-366	16.1%	0	0	-426	-366	0	0	0	0
East North Central	-397	-342	15.9%	-397	-342	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	-397	-342	15.9%	-397	-342	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	182	18	929.9%	182	18	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	182	18	929.9%	182	18	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	-991	-1,015	-2.3%	-991	-1,015	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	-228	-129	76.7%	-228	-129	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	-98	-265	-63.1%	-98	-265	0	0	0	0	0	0
Virginia	-665	-621	7.1%	-665	-621	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-264	-263	0.6%	-264	-263	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	-264	-263	0.6%	-264	-263	0	0	0	0	0	0
West South Central	31	40	-23.4%	31	40	0	0	0	0	0	0
Arkansas	61	78	-21.8%	61	78	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-30	-37	-20.1%	-30	-37	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	30	86	-64.7%	30	86	0	0	0	0	0	0
Arizona	-28	90	-131.0%	-28	90	0	0	0	0	0	0
Colorado	58	-4	NM	58	-4	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	-16	-561	-97.1%	-16	-561	0	0	0	0	0	0
California	-19	-558	-96.6%	-19	-558	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	3	-3	-197.8%	3	-3	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-2,358	-2,844	-17.1%	-1,603	-2,193	-754	-651	0	0	0	0

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

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

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

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

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

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

Table 1.13.A. Utility Scale Facility Net Generation from Other Energy Sources by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	140	143	-2.1%	0	0	86	85	42	45	11	13
Connecticut	36	35	2.5%	0	0	36	35	0	0	0	0
Maine	22	23	-6.2%	0	0	10	10	0	1	11	13
Massachusetts	78	80	-2.8%	0	0	36	35	41	45	0	0
New Hampshire	5	5	-4.1%	0	0	5	5	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	-1.4%	0	0	0	0	0	0	0	0
Middle Atlantic	216	213	1.4%	0	0	86	89	123	123	6	0
New Jersey	53	49	8.1%	0	0	12	12	35	38	6	0
New York	84	89	-5.3%	0	0	16	18	69	71	0	0
Pennsylvania	78	75	5.1%	0	0	59	60	19	15	0	0
East North Central	74	80	-6.7%	2	2	5	6	5	5	63	67
Illinois	22	23	-4.2%	0	0	0	-1	0	0	22	24
Indiana	41	43	-4.7%	0	0	0	0	0	0	41	43
Michigan	10	11	-13.8%	0	0	5	6	5	5	0	0
Ohio	0	0	-65.0%	0	0	0	0	0	0	0	0
Wisconsin	2	2	-26.1%	2	2	0	0	0	0	0	0
West North Central	31	30	3.2%	14	13	13	13	NM	NM	0	0
Iowa	0	0	-100.0%	0	0	0	0	0	0	0	0
Kansas	0	0	0.5%	0	0	0	0	0	0	0	0
Minnesota	29	28	2.8%	13	11	13	13	NM	NM	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	NM	NM	NM	NM	NM	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	251	276	-9.1%	-2	-2	84	104	78	89	91	85
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	177	196	-9.6%	-2	-2	61	78	40	46	79	74
Georgia	1	6	-83.9%	0	0	0	0	0	0	1	6
Maryland	24	27	-10.1%	0	0	24	27	0	0	0	0
North Carolina	8	1	449.1%	0	0	0	0	0	0	8	1
South Carolina	4	4	-8.5%	0	0	1	1	0	0	3	3
Virginia	38	43	-12.2%	0	0	0	0	38	43	0	0
West Virginia	-1	-1	-33.9%	0	0	-1	-1	0	0	0	0
East South Central	1	10	-93.4%	1	10	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	1	10	-89.9%	1	10	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	85.8%	0	0	0	0	0	0	0	0
West South Central	45	59	-23.4%	3	5	-21	-1	-1	-1	64	56
Arkansas	1	1	44.6%	0	0	0	0	0	0	1	1
Louisiana	28	20	38.4%	0	0	0	0	0	0	28	20
Oklahoma	2	4	-49.3%	3	5	0	0	-1	-1	0	0
Texas	14	34	-57.7%	0	0	-21	-1	0	0	35	36
Mountain	39	37	6.8%	1	6	9	12	0	0	29	19
Arizona	4	-1	-602.1%	0	0	5	0	0	0	0	0
Colorado	1	2	-66.6%	0	0	-3	-2	0	0	4	4
Idaho	6	7	-15.4%	0	0	0	0	0	0	6	7
Montana	21	19	9.8%	0	0	21	19	0	0	0	0
Nevada	-14	0	NM	-3	2	-11	-2	0	0	0	0
New Mexico	-3	-4	-9.3%	0	0	-3	-4	0	0	0	0
Utah	16	NM	NM	4	NM	0	0	0	0	11	0
Wyoming	8	8	-2.2%	0	0	0	0	0	0	8	8
Pacific Contiguous	-66	-14	385.9%	-4	-3	-86	-34	3	2	20	22
California	-75	-21	263.8%	-4	-2	-94	-41	3	2	20	22
Oregon	2	1	18.0%	0	0	2	1	0	0	0	0
Washington	7	5	25.3%	0	0	7	5	0	0	0	0
Pacific Noncontiguous	10	15	-35.2%	0	0	-1	0	12	15	0	0
Alaska	0	0	60.4%	0	0	0	0	0	0	0	0
Hawaii	10	15	-33.7%	0	0	-1	0	12	15	0	0
U.S. Total	740	848	-12.7%	14	31	175	273	265	282	286	262

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

Table 1.13.B. Utility Scale Facility Net Generation from Other Energy Sources

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	Generation at Utility Scale Facilities			Electric Utilities		Independent Power Producers		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	826	833	-0.7%	1	2	519	514	236	248	70	68
Connecticut	205	212	-3.4%	0	0	205	212	0	0	0	0
Maine	149	143	4.2%	0	0	76	69	3	6	70	68
Massachusetts	446	450	-0.9%	0	0	213	208	233	242	0	0
New Hampshire	25	25	-2.0%	0	0	25	25	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	1	2	-29.7%	1	2	0	0	0	0	0	0
Middle Atlantic	1,244	1,135	9.6%	0	0	500	502	708	634	35	0
New Jersey	314	259	21.1%	0	0	62	60	217	199	35	0
New York	490	447	9.6%	0	0	107	106	384	341	0	0
Pennsylvania	439	429	2.5%	0	0	332	335	108	94	0	0
East North Central	391	447	-12.4%	9	11	25	38	27	26	331	372
Illinois	126	135	-6.9%	0	0	-2	-5	0	0	129	140
Indiana	200	226	-11.5%	0	0	0	0	0	0	200	226
Michigan	54	69	-21.1%	0	0	27	43	27	26	0	0
Ohio	2	6	-68.4%	0	0	0	0	0	0	NM	6
Wisconsin	9	11	-14.7%	9	11	0	0	0	0	0	0
West North Central	146	143	2.2%	60	60	67	65	17	17	2	1
Iowa	0	0	-100.0%	0	0	0	0	0	0	0	0
Kansas	2	1	298.6%	0	0	0	0	0	0	2	1
Minnesota	136	137	-1.3%	52	55	67	65	17	17	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	8	5	64.0%	8	5	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	1,602	1,738	-7.8%	-15	-15	538	621	470	514	609	618
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	1,036	1,215	-14.8%	-15	-15	378	483	234	267	438	481
Georgia	28	28	0.6%	0	0	-1	-3	0	0	28	30
Maryland	162	145	11.8%	0	0	162	145	0	0	0	0
North Carolina	121	92	31.7%	0	0	0	0	0	0	121	92
South Carolina	25	19	32.6%	0	0	3	4	0	0	21	15
Virginia	236	247	-4.3%	0	0	0	0	236	247	0	0
West Virginia	-5	-7	-30.5%	0	0	-5	-7	0	0	0	0
East South Central	11	39	-71.4%	11	38	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	11	38	-71.0%	11	38	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	-11.4%	0	0	0	0	0	0	0	0
West South Central	136	320	-57.6%	9	8	-81	-1	-2	-6	209	318
Arkansas	5	4	25.8%	0	0	0	0	0	0	5	4
Louisiana	95	124	-23.9%	0	0	0	0	0	0	95	124
Oklahoma	8	3	141.7%	9	9	0	0	-2	-6	0	0
Texas	29	188	-84.8%	0	-1	-81	-1	0	0	110	190
Mountain	198	250	-21.0%	18	37	28	77	0	0	152	136
Arizona	-33	-6	493.9%	-3	-2	-31	-4	0	0	0	0
Colorado	5	19	-72.7%	-1	0	-18	-2	0	0	23	21
Idaho	31	38	-18.5%	0	0	0	0	0	0	31	38
Montana	130	98	32.1%	0	0	130	98	0	0	0	0
Nevada	-42	2	NM	-3	14	-39	-12	0	0	0	0
New Mexico	-16	-4	284.1%	-1	-1	-15	-4	0	0	0	0
Utah	83	66	26.7%	25	25	0	0	0	0	58	41
Wyoming	40	37	8.4%	0	0	0	0	0	0	40	37
Pacific Contiguous	-219	-45	387.8%	-22	-16	-347	-176	19	17	131	130
California	-265	-90	193.2%	-22	-16	-393	-222	19	17	131	130
Oregon	9	12	-18.7%	0	0	9	12	0	0	0	0
Washington	37	34	8.0%	0	0	37	34	0	0	0	0
Pacific Noncontiguous	72	83	-12.6%	-1	-1	-10	0	83	84	0	0
Alaska	-1	-1	12.6%	-1	-1	0	0	0	0	0	0
Hawaii	74	84	-12.3%	0	0	-10	0	83	84	0	0
U.S. Total	4,406	4,941	-10.8%	71	123	1,237	1,640	1,560	1,533	1,539	1,644

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

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

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

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

Table 1.14.A. Utility Scale Facility Net Generation from Wind by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	264	191	38.1%	16	11	246	179	2	NM	0	NM
Connecticut	NM	1	NM	0	0	NM	1	0	0	0	0
Maine	173	135	27.8%	0	0	173	135	0	0	0	0
Massachusetts	16	10	56.6%	2	NM	11	7	2	NM	0	NM
New Hampshire	32	19	70.7%	0	0	32	19	0	0	0	0
Rhode Island	14	9	54.0%	0	0	14	9	0	0	0	0
Vermont	28	17	62.2%	13	10	14	7	0	0	0	0
Middle Atlantic	751	486	54.4%	26	16	724	470	NM	NM	NM	NM
New Jersey	2	1	15.4%	0	0	2	1	0	0	0	0
New York	481	289	66.5%	26	16	455	273	NM	NM	NM	NM
Pennsylvania	268	196	36.9%	0	0	268	196	0	0	0	0
East North Central	3,815	2,585	47.6%	587	299	3,218	2,279	NM	NM	8	NM
Illinois	1,896	1,307	45.1%	NM	NM	1,895	1,306	NM	NM	0	0
Indiana	760	564	34.8%	0	0	760	564	0	0	0	0
Michigan	787	452	74.0%	476	249	311	204	0	0	0	0
Ohio	215	173	24.5%	NM	NM	206	166	0	0	8	NM
Wisconsin	157	90	74.9%	109	49	46	39	NM	NM	0	0
West North Central	10,961	6,743	62.6%	3,975	2,417	6,981	4,323	NM	NM	NM	NM
Iowa	3,418	2,122	61.1%	2,456	1,519	962	603	0	0	0	0
Kansas	2,766	1,590	74.0%	245	160	2,519	1,428	NM	NM	NM	NM
Minnesota	1,170	815	43.6%	487	260	681	553	NM	NM	0	0
Missouri	533	304	75.2%	215	106	318	198	0	0	0	0
Nebraska	964	631	52.7%	9	NM	955	624	0	0	0	0
North Dakota	1,240	786	57.7%	445	280	795	506	0	0	0	0
South Dakota	869	494	75.9%	117	83	751	411	0	0	0	0
South Atlantic	195	199	-2.1%	3	3	192	196	0	0	0	0
Delaware	0	0	-80.4%	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	35	29	21.6%	0	0	35	29	0	0	0	0
North Carolina	28	33	-15.4%	0	0	28	33	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	3	3	-8.9%	3	3	0	0	0	0	0	0
West Virginia	129	134	-3.6%	0	0	129	134	0	0	0	0
East South Central	25	NM	NM	0	0	25	NM	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	23	0	--	0	0	23	0	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	0	0	0	0
West South Central	14,553	11,221	29.7%	656	142	13,892	11,076	5	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	3,474	2,242	55.0%	638	127	2,836	2,115	0	0	0	0
Texas	11,079	8,979	23.4%	18	15	11,056	8,961	5	NM	0	0
Mountain	4,574	3,246	40.9%	1,124	822	3,450	2,424	NM	NM	0	0
Arizona	268	152	75.8%	0	0	268	152	0	0	0	0
Colorado	1,508	1,111	35.7%	336	309	1,171	802	0	0	0	0
Idaho	245	139	76.1%	13	9	233	130	0	0	0	0
Montana	469	228	105.9%	72	52	397	175	0	0	0	0
Nevada	24	24	-0.1%	0	0	24	24	0	0	0	0
New Mexico	1,178	1,035	13.7%	248	172	929	863	NM	NM	0	0
Utah	70	58	19.3%	0	0	70	58	0	0	0	0
Wyoming	814	498	63.5%	454	279	359	219	0	0	0	0
Pacific Contiguous	3,114	2,802	11.1%	621	523	2,492	2,277	0	0	1	1
California	1,515	1,419	6.8%	111	101	1,403	1,316	0	0	1	1
Oregon	880	873	0.9%	152	172	728	701	0	0	0	0
Washington	719	510	40.9%	358	249	360	261	0	0	0	0
Pacific Noncontiguous	78	69	13.5%	7	NM	71	63	0	0	0	0
Alaska	11	8	35.1%	7	NM	NM	NM	0	0	0	0
Hawaii	67	60	10.5%	0	0	67	60	0	0	0	0
U.S. Total	38,330	27,545	39.2%	7,015	4,237	31,291	23,290	14	10	10	8

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

Table 1.14.B. Utility Scale Facility Net Generation from Wind

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	1,991	1,982	0.4%	109	107	1,866	1,857	14	15	NM	NM
Connecticut	7	6	14.2%	0	0	7	6	0	0	0	0
Maine	1,367	1,383	-1.2%	0	0	1,367	1,383	0	0	0	0
Massachusetts	96	104	-8.4%	21	19	61	70	11	12	NM	NM
New Hampshire	237	219	8.2%	0	0	237	219	0	0	0	0
Rhode Island	104	95	9.9%	0	0	101	92	3	3	0	0
Vermont	181	175	3.0%	88	88	93	88	0	0	0	0
Middle Atlantic	5,101	4,396	16.0%	148	107	4,949	4,287	NM	NM	NM	NM
New Jersey	11	11	1.4%	0	0	11	11	0	0	0	0
New York	3,176	2,575	23.3%	148	107	3,024	2,466	NM	NM	NM	NM
Pennsylvania	1,914	1,810	5.7%	0	0	1,914	1,810	0	0	0	0
East North Central	27,934	24,668	13.2%	3,765	3,046	24,095	21,551	16	17	57	54
Illinois	14,037	12,141	15.6%	7	7	14,027	12,132	NM	NM	0	0
Indiana	5,627	5,447	3.3%	0	0	5,627	5,447	0	0	0	0
Michigan	5,473	4,519	21.1%	3,099	2,473	2,373	2,046	0	0	0	0
Ohio	1,661	1,629	2.0%	NM	NM	1,603	1,572	1	2	53	51
Wisconsin	1,136	932	21.8%	654	562	465	354	13	12	3	4
West North Central	73,983	67,958	8.9%	27,972	25,746	45,979	42,181	25	25	NM	NM
Iowa	24,787	22,926	8.1%	17,884	16,612	6,902	6,312	1	2	0	0
Kansas	16,190	14,149	14.4%	1,530	1,324	14,645	12,811	NM	NM	NM	NM
Minnesota	8,343	7,830	6.5%	3,182	2,684	5,144	5,131	16	15	0	0
Missouri	3,974	3,733	6.5%	1,657	1,523	2,316	2,210	0	0	0	0
Nebraska	6,672	6,649	0.3%	57	54	6,615	6,595	0	0	0	0
North Dakota	8,025	7,758	3.4%	2,842	2,770	5,182	4,989	0	0	0	0
South Dakota	5,992	4,912	22.0%	818	779	5,174	4,133	0	0	0	0
South Atlantic	1,726	1,796	-3.9%	27	28	1,698	1,766	1	2	0	0
Delaware	1	2	-65.3%	0	0	0	0	1	2	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	305	268	14.1%	0	0	305	268	0	0	0	0
North Carolina	286	313	-8.6%	0	0	286	313	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	27	28	-2.1%	27	28	0	0	0	0	0	0
West Virginia	1,106	1,185	-6.7%	0	0	1,106	1,185	0	0	0	0
East South Central	141	14	926.4%	0	0	141	14	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	127	0	--	0	0	127	0	0	0	0	0
Tennessee	15	14	6.0%	0	0	15	14	0	0	0	0
West South Central	89,067	83,728	6.4%	2,283	1,245	86,767	82,455	17	28	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	20,815	19,540	6.5%	2,173	1,138	18,642	18,402	0	0	0	0
Texas	68,252	64,188	6.3%	110	107	68,125	64,053	17	28	0	0
Mountain	28,920	26,544	9.0%	7,351	7,028	21,566	19,514	NM	NM	1	1
Arizona	1,275	913	39.6%	0	0	1,275	913	0	0	0	0
Colorado	9,017	8,339	8.1%	2,289	2,239	6,727	6,099	0	0	1	1
Idaho	1,505	1,298	15.9%	86	82	1,418	1,216	0	0	0	0
Montana	3,087	2,321	33.0%	508	518	2,579	1,803	0	0	0	0
Nevada	172	177	-2.8%	0	0	172	177	0	0	0	0
New Mexico	8,297	8,324	-0.3%	1,531	1,480	6,764	6,842	NM	NM	0	0
Utah	391	396	-1.2%	0	0	391	396	0	0	0	0
Wyoming	5,177	4,776	8.4%	2,936	2,709	2,241	2,068	0	0	0	0
Pacific Contiguous	18,148	17,198	5.5%	3,481	3,231	14,662	13,960	3	4	2	3
California	8,480	8,103	4.6%	365	370	8,109	7,727	3	4	2	3
Oregon	5,005	4,885	2.5%	814	809	4,191	4,075	0	0	0	0
Washington	4,663	4,210	10.8%	2,302	2,052	2,361	2,158	0	0	0	0
Pacific Noncontiguous	424	376	12.8%	46	44	378	332	0	0	0	0
Alaska	76	73	5.2%	46	44	31	29	0	0	0	0
Hawaii	348	303	14.6%	0	0	348	303	0	0	0	0
U.S. Total	247,435	228,659	8.2%	45,183	40,582	202,102	187,916	80	93	70	69

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

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

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

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

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

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

**Table 1.15.A. Utility Scale Facility Net Generation from Biomass
by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	338	351	-3.9%	16	18	245	240	38	42	38	51
Connecticut	39	37	3.3%	0	0	39	37	0	0	0	0
Maine	109	121	-10.3%	0	0	70	70	0	0	38	51
Massachusetts	79	80	-2.2%	0	0	42	41	37	39	0	0
New Hampshire	65	66	-1.4%	0	0	64	63	1	2	0	0
Rhode Island	20	18	14.4%	0	0	20	18	0	0	0	0
Vermont	27	29	-8.2%	16	18	NM	NM	0	0	0	0
Middle Atlantic	311	321	-3.1%	0	0	174	182	104	105	34	34
New Jersey	56	60	-6.8%	0	0	27	29	29	31	0	0
New York	132	133	-0.7%	0	0	63	65	56	58	13	9
Pennsylvania	124	129	-3.8%	0	0	84	88	19	15	20	25
East North Central	340	349	-2.5%	75	82	173	181	7	9	85	77
Illinois	21	23	-8.9%	NM	8	15	15	0	0	0	0
Indiana	28	31	-8.3%	22	22	3	5	0	0	4	4
Michigan	175	170	2.9%	0	0	123	128	4	4	49	38
Ohio	20	23	-12.2%	0	0	10	10	1	1	10	12
Wisconsin	95	101	-6.1%	47	52	22	23	2	4	23	23
West North Central	144	150	-3.7%	25	23	42	43	13	14	65	70
Iowa	17	17	1.0%	NM	NM	7	8	1	NM	6	6
Kansas	NM	5	NM	0	0	NM	5	0	0	0	0
Minnesota	101	106	-4.3%	14	12	26	27	5	6	56	62
Missouri	12	12	-1.2%	NM	NM	NM	NM	6	6	0	0
Nebraska	7	8	-13.3%	6	6	0	0	1	2	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Atlantic	1,314	1,310	0.3%	131	114	396	430	70	80	717	686
Delaware	6	6	-3.7%	0	0	NM	5	0	0	NM	2
District of Columbia	5	5	-12.4%	0	0	0	0	5	5	0	0
Florida	257	292	-11.9%	50	38	74	89	33	39	99	126
Georgia	435	412	5.5%	0	0	141	143	0	0	295	270
Maryland	25	28	-9.7%	0	0	25	27	0	0	0	0
North Carolina	133	141	-6.1%	0	0	57	58	0	0	75	83
South Carolina	173	158	10.0%	NM	NM	31	41	0	0	137	112
Virginia	280	267	4.6%	76	72	62	66	32	36	110	93
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	439	437	0.7%	NM	7	9	9	0	0	424	420
Alabama	265	255	3.9%	0	0	NM	NM	0	0	262	252
Kentucky	35	34	1.0%	NM	7	NM	NM	0	0	27	26
Mississippi	99	106	-6.2%	0	0	NM	NM	0	0	99	105
Tennessee	40	41	-2.0%	0	0	NM	NM	0	0	36	37
West South Central	386	350	10.2%	46	40	20	25	0	-1	320	286
Arkansas	71	61	16.3%	0	0	NM	NM	0	0	69	57
Louisiana	167	151	10.2%	0	0	NM	7	0	0	160	144
Oklahoma	28	24	18.6%	0	0	NM	NM	0	-1	28	23
Texas	119	113	5.2%	46	40	10	13	0	0	64	61
Mountain	50	80	-37.5%	NM	NM	38	46	3	4	7	29
Arizona	16	16	-1.1%	0	0	16	16	0	0	0	0
Colorado	6	11	-47.1%	0	0	6	11	0	0	0	0
Idaho	14	37	-62.3%	NM	NM	5	7	2	2	6	27
Montana	2	3	-6.7%	NM	NM	0	0	0	0	2	2
Nevada	NM	NM	NM	0	0	NM	NM	0	0	0	0
New Mexico	1	NM	NM	0	0	1	NM	0	0	0	0
Utah	NM	6	NM	0	0	NM	5	0	1	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	547	595	-8.1%	33	30	298	326	57	60	159	179
California	385	411	-6.2%	6	3	262	289	54	57	63	63
Oregon	79	81	-3.1%	NM	5	27	29	2	2	45	46
Washington	83	103	-19.3%	22	22	9	8	NM	NM	51	71
Pacific Noncontiguous	22	24	-10.2%	2	1	8	9	12	15	0	0
Alaska	3	2	16.1%	0	0	0	0	3	2	0	0
Hawaii	19	22	-13.2%	2	1	8	9	9	12	0	0
U.S. Total	3,891	3,967	-1.9%	336	317	1,403	1,491	303	327	1,849	1,831

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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 1.15.B. Utility Scale Facility Net Generation from Biomass

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	Generation at Utility Scale Facilities			Electric Utilities		Independent Power Producers		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	2,081	2,158	-3.5%	116	122	1,453	1,465	225	234	288	336
Connecticut	206	212	-2.9%	0	0	206	212	0	0	0	0
Maine	750	807	-7.1%	0	0	460	466	3	5	288	336
Massachusetts	444	453	-2.0%	0	0	239	242	205	211	0	0
New Hampshire	382	382	-0.1%	0	0	365	365	16	18	0	0
Rhode Island	120	118	2.1%	0	0	120	118	0	0	0	0
Vermont	180	186	-3.6%	116	122	63	63	1	1	0	0
Middle Atlantic	1,863	1,947	-4.3%	0	0	1,007	1,151	604	539	252	257
New Jersey	331	335	-1.2%	0	0	151	170	180	166	0	0
New York	770	817	-5.8%	0	0	379	470	314	279	77	68
Pennsylvania	762	795	-4.1%	0	0	477	512	110	94	175	189
East North Central	1,893	2,048	-7.6%	350	419	989	1,085	43	48	512	496
Illinois	128	143	-10.2%	41	49	88	94	0	0	0	0
Indiana	173	185	-6.4%	127	135	22	27	0	0	23	23
Michigan	996	1,023	-2.7%	0	0	684	753	22	21	290	249
Ohio	122	162	-24.7%	0	0	58	72	4	4	60	86
Wisconsin	474	536	-11.6%	182	235	136	140	17	23	139	137
West North Central	821	821	-0.1%	120	129	250	254	59	63	391	374
Iowa	102	102	0.3%	18	18	45	48	3	4	36	31
Kansas	29	31	-5.3%	0	0	29	31	0	0	0	0
Minnesota	583	578	0.9%	58	63	157	155	27	31	341	329
Missouri	56	54	3.9%	13	14	19	20	22	18	2	2
Nebraska	38	45	-15.8%	31	35	0	0	6	9	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	13	13	2.0%	0	0	0	0	0	0	13	13
South Atlantic	7,789	8,139	-4.3%	656	675	2,404	2,627	424	464	4,306	4,373
Delaware	36	38	-4.2%	0	0	27	28	0	0	10	10
District of Columbia	30	31	-3.0%	0	0	0	0	30	31	0	0
Florida	1,567	1,801	-13.0%	215	214	466	564	197	225	688	799
Georgia	2,620	2,596	0.9%	0	0	876	876	0	0	1,744	1,720
Maryland	163	153	6.0%	0	0	163	151	0	3	0	0
North Carolina	802	865	-7.2%	0	0	322	347	0	0	480	517
South Carolina	991	1,026	-3.3%	27	28	176	256	0	0	789	742
Virginia	1,576	1,624	-3.0%	414	433	371	400	197	206	594	585
West Virginia	NM	5	NM	0	0	NM	5	0	0	0	0
East South Central	2,623	2,616	0.3%	38	46	55	56	0	0	2,530	2,514
Alabama	1,589	1,557	2.0%	0	0	21	22	0	0	1,568	1,535
Kentucky	214	211	1.7%	38	46	7	6	0	0	169	160
Mississippi	604	644	-6.2%	0	0	NM	5	0	0	600	639
Tennessee	216	204	5.8%	0	0	23	24	0	0	193	180
West South Central	2,131	2,044	4.3%	106	83	131	151	-1	-5	1,896	1,815
Arkansas	425	384	10.6%	0	0	18	23	0	0	407	361
Louisiana	990	977	1.4%	0	0	39	41	0	0	951	935
Oklahoma	165	147	12.3%	0	0	8	8	-1	-5	158	143
Texas	552	537	2.8%	106	83	66	78	0	0	380	375
Mountain	418	468	-10.6%	11	11	241	266	20	22	146	168
Arizona	97	96	1.6%	0	0	97	96	0	0	0	0
Colorado	49	66	-24.9%	0	0	49	66	0	0	0	0
Idaho	186	211	-11.9%	7	7	24	31	15	15	140	159
Montana	10	14	-26.0%	NM	4	0	0	0	0	6	10
Nevada	27	28	-5.3%	0	0	27	28	0	0	0	0
New Mexico	13	15	-10.5%	0	0	13	15	0	0	0	0
Utah	36	39	-8.0%	0	0	30	32	5	7	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	3,313	3,556	-6.8%	173	175	1,797	1,940	360	357	982	1,084
California	2,315	2,446	-5.4%	20	20	1,589	1,732	340	337	365	357
Oregon	480	470	2.0%	27	28	156	157	15	15	282	270
Washington	519	640	-18.9%	126	126	52	51	5	6	336	457
Pacific Noncontiguous	130	148	-12.4%	8	8	33	53	89	87	0	0
Alaska	20	18	12.5%	0	0	0	0	20	18	0	0
Hawaii	109	130	-15.8%	8	8	33	53	68	69	0	0
U.S. Total	23,063	23,946	-3.7%	1,578	1,669	8,359	9,050	1,823	1,810	11,303	11,417

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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. Utility Scale Facility Net Generation from Geothermal by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
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	323	374	-13.8%	19	23	304	352	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	6	NM	NM	0	0	6	NM	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	283	325	-12.9%	0	0	283	325	0	0	0	0
New Mexico	1	2	-42.9%	0	0	1	2	0	0	0	0
Utah	33	41	-19.3%	19	23	15	18	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	901	871	3.4%	56	18	844	853	0	0	0	0
California	888	854	4.0%	56	18	832	836	0	0	0	0
Oregon	13	17	-22.9%	0	0	13	17	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	22	28	-19.5%	0	0	22	28	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	22	28	-19.5%	0	0	22	28	0	0	0	0
U.S. Total	1,246	1,273	-2.1%	75	40	1,171	1,232	0	0	0	0

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

Table 1.16.B. Utility Scale Facility Net Generation from Geothermal

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	0	0	--	0	0	0	0	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0	0	0	0	0
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	0	0	--	0	0	0	0	0	0	0	0
East North Central	0	0	--	0	0	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	0	0	--	0	0	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	0	0	--	0	0	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	0	0	--	0	0	0	0	0	0	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	0	0	--	0	0	0	0	0	0	0	0
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	--	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	0	0	--	0	0	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	2,265	2,470	-8.3%	120	145	2,144	2,325	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	37	43	-14.7%	0	0	37	43	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	1,997	2,145	-6.9%	0	0	1,997	2,145	0	0	0	0
New Mexico	17	20	-18.1%	0	0	17	20	0	0	0	0
Utah	215	261	-17.8%	120	145	94	116	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	5,232	5,587	-6.4%	282	268	4,949	5,319	0	0	0	0
California	5,147	5,481	-6.1%	282	268	4,865	5,213	0	0	0	0
Oregon	85	106	-20.2%	0	0	85	106	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	143	174	-17.8%	0	0	143	174	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	143	174	-17.8%	0	0	143	174	0	0	0	0
U.S. Total	7,640	8,230	-7.2%	403	413	7,237	7,818	0	0	0	0

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

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

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

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

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

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

Table 1.17.A. Net Generation from Solar Photovoltaic by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors						Electric Power Sector				Commercial Sector						Industrial Sector						Residential Sector			
	Estimated Generation From Utility and Small Scale Facilities			Generation at Utility Scale Facilities		Estimated Small Scale Generation		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Estimated Generation From Utility and Small Scale Facilities		Generation at Utility Scale Facilities		Estimated Small Scale Generation		Estimated Generation From Utility and Small Scale Facilities		Generation at Utility Scale Facilities		Estimated Small Scale Generation		Estimated Small Scale Generation		
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	
New England	1,330	1,071	24.2%	493	381	837	690	16	15	474	363	NM	NM	NM	NM	443	364	NM	NM	NM	NM	17	22	377	304	
Connecticut	215	173	23.9%	57	45	158	129	0	0	55	44	NM	NM	NM	NM	44	41	NM	NM	NM	NM	6	5	108	82	
Maine	208	122	70.4%	106	60	102	63	0	0	106	60	87	52	0	0	87	52	0	0	0	0	0	0	0	16	11
Massachusetts	670	585	14.5%	232	207	438	378	9	9	221	197	NM	NM	NM	NM	241	208	NM	NM	NM	NM	9	14	188	156	
New Hampshire	NM	31	NM	NM	NM	37	31	0	0	NM	NM	11	11	0	0	11	11	1	1	0	0	1	1	25	19	
Rhode Island	147	110	33.4%	74	48	74	62	0	0	74	48	49	42	0	0	49	42	1	1	0	0	1	1	24	19	
Vermont	52	49	7.3%	25	22	27	27	7	7	18	15	10	11	0	0	10	11	0	0	0	0	0	0	17	16	
Middle Atlantic	1,688	1,374	22.8%	718	468	970	906	14	12	683	438	459	439	19	16	440	423	NM	37	NM	2	30	35	500	448	
New Jersey	560	533	4.9%	192	167	367	367	14	12	160	140	163	175	18	14	146	161	NM	NM	NM	NM	21	23	201	183	
New York	869	686	26.7%	374	259	495	427	0	0	372	257	NM	NM	NM	NM	267	234	NM	NM	NM	NM	3	2	225	191	
Pennsylvania	260	155	67.6%	152	42	108	113	0	0	150	41	NM	NM	NM	NM	27	28	NM	NM	NM	NM	7	10	74	75	
East North Central	2,034	1,250	62.7%	1,646	927	388	323	509	259	1,135	666	NM	NM	NM	NM	174	155	NM	11	NM	0	13	11	201	158	
Illinois	487	397	22.7%	277	226	210	171	NM	0	276	225	NM	86	NM	0	96	86	NM	1	NM	0	NM	1	114	84	
Indiana	380	277	37.1%	337	238	43	39	214	136	123	103	NM	NM	NM	NM	23	22	2	2	0	0	2	2	18	16	
Michigan	260	194	34.2%	222	160	38	34	8	8	214	151	NM	NM	NM	NM	15	12	NM	1	0	0	NM	1	23	21	
Ohio	532	195	172.9%	476	148	56	47	NM	NM	474	146	NM	NM	NM	NM	24	22	6	5	0	0	6	5	27	20	
Wisconsin	375	187	100.4%	334	155	40	32	286	114	48	41	NM	NM	NM	NM	17	13	4	3	0	0	3	3	20	16	
West North Central	609	479	27.3%	417	314	192	165	62	44	344	270	70	56	0	0	70	56	17	6	10	0	7	6	115	102	
Iowa	116	103	12.1%	66	62	49	41	37	35	30	27	25	21	0	0	25	21	2	2	0	0	2	2	23	19	
Kansas	26	22	19.6%	9	9	17	13	NM	NM	7	7	5	4	0	0	5	4	0	0	0	0	0	0	0	11	9
Minnesota	283	249	13.5%	240	215	43	34	15	4	215	212	12	9	0	0	12	9	13	3	10	0	3	3	29	23	
Missouri	96	89	7.3%	19	19	77	71	7	3	12	15	27	21	0	0	27	21	2	1	0	0	2	1	48	48	
Nebraska	34	14	142.6%	28	9	6	5	NM	NM	27	8	1	1	0	0	1	1	0	0	0	0	0	0	4	3	
North Dakota	NM	0	NM	0	0	NM	0	0	0	0	0	NM	0	0	0	NM	0	0	0	0	0	0	0	0	0	0
South Dakota	54	1	NM	54	NM	1	0	0	0	54	NM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	6,482	5,068	27.9%	5,543	4,286	939	783	2,182	1,641	3,344	2,628	158	132	16	15	142	117	NM	NM	NM	NM	43	43	754	622	
Delaware	41	37	11.8%	20	17	21	20	NM	NM	18	16	NM	NM	NM	NM	4	4	NM	NM	NM	0	NM	NM	17	15	
District of Columbia	31	23	33.7%	5	3	26	20	NM	0	5	3	9	7	0	0	9	7	0	0	0	0	0	0	17	13	
Florida	2,223	1,695	31.2%	1,816	1,355	408	340	1,707	1,274	108	80	NM	NM	NM	NM	29	25	NM	NM	NM	NM	6	7	373	309	
Georgia	1,039	822	26.3%	984	772	55	50	67	63	917	709	NM	NM	NM	NM	9	7	NM	NM	0	0	NM	NM	21	18	
Maryland	295	250	17.9%	129	103	166	147	NM	NM	126	100	NM	34	NM	2	32	32	3	3	0	0	3	3	130	112	
North Carolina	1,440	1,261	14.2%	1,352	1,187	88	74	123	78	1,217	1,097	33	30	12	12	20	18	2	2	0	0	2	2	66	55	
South Carolina	399	337	18.3%	335	279	64	58	NM	NM	333	277	12	11	0	0	12	11	NM	NM	NM	NM	4	4	48	43	
Virginia	981	638	53.8%	877	570	104	68	278	225	598	345	NM	NM	NM	NM	25	12	1	1	0	0	1	1	78	55	
West Virginia	33	5	560.0%	26	0	6	5	NM	0	22	0	2	1	0	0	2	1	0	0	0	0	0	0	5	4	
East South Central	474	352	34.8%	443	326	31	25	25	29	416	296	NM	NM	NM	NM	12	11	1	1	1	1	1	1	18	14	
Alabama	NM	137	NM	135	135	NM	NM	NM	2	132	133	NM	NM	0	0	NM	NM	0	0	0	0	0	0	0	NM	NM
Kentucky	42	31	36.9%	24	17	18	14	5	5	19	12	NM	NM	NM	NM	4	3	0	0	0	0	0	0	13	10	
Mississippi	166	69	142.1%	163	66	3	2	17	22	146	45	1	1	0	0	1	1	NM	0	0	0	NM	0	2	1	
Tennessee	129	115	11.9%	121	108	8	7	NM	NM	119	107	NM	NM	NM	NM	5	5	1	NM	1	1	0	NM	3	2	
West South Central	4,970	3,482	42.7%	4,381	2,988	589	495	42	39	4,335	2,945	78	70	2	2	76	68	NM	NM	NM	NM	7	4	506	423	
Arkansas	289	116	149.1%	238	75	51	41	28	26	207	46	22	18	2	2	19	16	NM	NM	NM	NM	6	4	26	21	
Louisiana	115	61	89.2%	82	34	29	4	4	77	28	3	2	0	0	3	2	0	0	0	0	0	0	0	31	27	
Oklahoma	63	22	185.5%	41	7	22	15	8	7	33	NM	3	2	0	0	3	2	0	0	0	0	0	0	19	12	
Texas	4,502	3,283	37.1%	4,020	2,873	482	410	NM	NM	4,017	2,871	NM	NM	NM	NM	51	48	NM	NM	NM	NM	0	0	431	362	
Mountain	5,426	3,950	37.4%	4,284	2,982	1,142	968	222	161	4,044	2,808	208	157	10	9	198	148	27	19	8	4	19	15	925	805	
Arizona	1,565	1,160	35.0%	1,046	717	519	442	72	61	968	650	NM	70	NM	3	111	68	NM	NM	NM	NM	1	1	407	373	
Colorado	726	582	24.8%	525	417	201	165	NM	NM	519	414	NM	NM	NM	NM	40	37	NM	3	NM	0	6	3	155	125	
Idaho	176	128	37.2%	146	103	30	26	36	31	110	72	2	2	0	0	2	2	NM	NM	NM	NM	3	3	25	21	
Montana	60	30	101.6%	49	22	11	8	0	0	49	22	2	2	0	0	2	2	0	0	0	0	0	0	9	6	
Nevada	1,661	1,199	38.5%	1,458	1,033	203	167	62	21	1,390	1,006	18	17	5	5	13	12	NM	NM	NM	NM	7	7	183	148	
New Mexico	498	324	53.5%	424	259	74	66	46	45	378	214	14	14	0	0	14	14	0	0	0	0	0	0	60	52	
Utah	679	504	34.7%	578	412	101	92	4	NM	574	412	16	14	0	0	16	14	NM	1	NM	0	1	1	83	76	
Wyoming	60	22	174.4%	57	19	3	3	0	0	57	19	0	0	0	0	0	0	0	0	0	0	0	0	3	3	
Pacific Contiguous	8,883	7,469	18.9%	5,503	4,528	3,380	2,941	41	38	5,411	4,444	699	627	23	22	677	605	366	338	27	24	338	314	2,365	2,022	
California	8,421	7,051	19.4%	5,185	4,230	3,236	2,821	40	36	5,095	4,148	672	604	23	22	650	582	363	335	27	24	335	312	2,251	1,928	
Oregon	330	306	7.9%	259	246	70	60	NM	NM	259	246	17	15	0	0	17	15	3	2	0	0	3	2	51	42	
Washington	132	112	17.9%	58	52	74	60	NM	NM	57	51	10	8	0	0	10	8	0	0	0	0	0	0	64	52	
Pacific Noncontiguous	226	201	12.7%	76	67	150	134	8	8	67	58	NM	NM	NM	NM	50	48	0	0	0	0	0	0	100	86	
Alaska	NM	3	NM	NM	NM	3	3	NM	NM	NM	0	1	1	0	0	1	1	0	0	0	0	0	0	0	2	2
Hawaii	221	198	11.9%	74	66	147	131	8	8	66	58	NM	NM	NM	NM	49	47	0	0	0	0	0	0	98	84	
U.S. Total	32,122	24,695	30.1%	23,504	17,266	8,618	7,429	3,121	2,245	20,254	14,918	2,356	2,063	75	68	2,281	1,995	529	485	54	34	475	451	5,862	4,984	

Table 1.17.B. Net Generation from Solar Photovoltaic by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors						Electric Power Sector				Commercial Sector						Industrial Sector				Residential Sector				
	Estimated Generation From Utility and Small Scale Facilities			Generation at Utility Scale Facilities		Estimated Small Scale Generation		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Estimated Generation From Utility and Small Scale Facilities		Generation at Utility Scale Facilities		Estimated Small Scale Generation		Estimated Generation From Utility and Small Scale Facilities		Generation at Utility Scale Facilities		Estimated Small Scale Generation			
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD		
New England	6,229	5,210	19.6%	2,217	1,800	4,012	3,409	74	73	2,129	1,715	2,162	1,821	8	7	2,154	1,813	111	116	5	5	105	110	1,753	1,486
Connecticut	985	851	15.7%	246	218	739	633	1	0	239	212	226	205	3	3	223	202	34	31	NM	NM	31	28	485	403
Maine	944	561	68.3%	455	271	489	289	0	0	455	271	413	235	0	0	413	235	0	0	0	0	0	0	75	54
Massachusetts	3,160	2,890	9.4%	1,082	983	2,078	1,906	45	43	1,030	934	1,145	1,064	5	5	1,140	1,059	65	74	2	2	62	72	877	775
New Hampshire	187	153	22.8%	NM	NM	186	151	0	0	NM	NM	58	55	0	0	58	55	6	6	0	0	6	6	121	90
Rhode Island	710	529	34.2%	321	225	388	303	0	0	321	225	270	212	0	0	270	212	5	3	0	0	5	3	113	89
Vermont	243	227	7.3%	111	100	132	126	29	30	82	70	50	50	0	0	50	50	1	1	0	0	1	1	81	75
Middle Atlantic	7,711	6,583	17.1%	3,036	2,168	4,675	4,415	66	56	2,869	2,020	2,252	2,147	90	80	2,163	2,067	172	186	12	12	161	174	2,351	2,174
New Jersey	2,641	2,636	0.2%	902	799	1,739	1,837	66	56	753	669	809	881	81	72	728	809	108	117	NM	2	106	115	906	913
New York	3,910	3,232	21.0%	1,582	1,191	2,329	2,041	0	0	1,572	1,181	1,282	1,128	4	5	1,278	1,124	17	15	6	6	11	10	1,040	908
Pennsylvania	1,159	715	62.2%	552	178	607	537	0	0	544	171	161	137	4	3	157	134	47	54	4	4	44	50	406	353
East North Central	8,281	4,976	66.4%	6,513	3,516	1,768	1,460	1,995	831	4,508	2,679	811	742	7	6	804	735	60	48	3	1	57	48	907	677
Illinois	2,177	1,729	25.9%	1,238	953	939	776	1	1	1,236	952	446	434	NM	NM	445	434	3	2	NM	0	2	2	492	340
Indiana	1,449	953	52.1%	1,248	769	201	184	793	323	454	445	109	99	NM	NM	108	98	10	7	0	0	10	7	84	78
Michigan	1,107	824	34.3%	930	672	177	152	39	38	899	633	68	55	NM	NM	67	54	3	3	0	0	3	3	108	96
Ohio	1,993	703	183.6%	1,734	496	259	206	4	3	1,726	490	113	95	NM	3	110	92	27	22	1	1	25	22	123	92
Wisconsin	1,555	767	102.8%	1,363	625	192	142	1,157	466	203	158	76	58	NM	NM	74	57	18	14	2	0	17	14	101	71
West North Central	2,724	2,188	24.5%	1,755	1,411	969	777	280	198	1,428	1,213	339	270	0	0	339	270	80	29	47	0	33	29	597	479
Iowa	545	458	18.9%	307	269	238	189	178	155	129	114	117	98	0	0	117	98	9	8	0	0	9	8	112	84
Kansas	126	99	26.9%	40	38	86	61	10	7	31	31	24	19	0	0	24	19	2	1	0	0	2	1	60	41
Minnesota	1,319	1,130	16.8%	1,118	974	201	156	69	17	1,002	957	53	42	0	0	53	42	59	12	47	0	12	12	136	102
Missouri	498	432	15.1%	89	88	409	344	19	16	69	72	136	104	0	0	136	104	9	7	0	0	9	7	264	233
Nebraska	109	65	67.3%	79	41	31	24	4	4	75	37	6	6	0	0	6	6	2	2	0	0	2	2	22	17
North Dakota	1	1	19.2%	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1	1
South Dakota	126	2	NM	122	NM	4	1	0	0	122	NM	1	0	0	0	1	0	0	0	0	0	0	0	2	1
South Atlantic	30,806	25,128	22.6%	25,835	21,134	4,971	3,994	10,867	8,584	14,888	12,474	831	681	74	72	758	609	245	223	6	4	239	218	3,974	3,167
Delaware	187	180	4.0%	79	83	108	97	3	3	73	78	20	19	NM	NM	19	18	10	7	NM	0	8	7	80	72
District of Columbia	144	115	25.5%	16	12	128	102	NM	NM	16	12	45	37	0	0	45	37	0	0	0	0	0	0	82	65
Florida	11,890	9,097	30.7%	9,560	7,257	2,330	1,840	8,984	6,794	570	458	177	142	4	3	173	139	43	28	NM	NM	41	27	2,115	1,674
Georgia	4,753	3,992	19.1%	4,470	3,728	283	263	275	319	4,194	3,408	46	39	NM	NM	45	38	136	135	0	0	136	135	102	90
Maryland	1,321	1,195	10.5%	548	475	772	720	4	4	534	460	170	178	10	11	160	167	16	16	0	0	16	16	596	538
North Carolina	6,601	5,936	11.2%	6,150	5,559	452	377	435	371	5,658	5,133	162	148	57	56	105	92	11	9	0	0	11	9	336	276
South Carolina	1,880	1,635	15.0%	1,541	1,335	339	300	4	4	1,535	1,328	63	58	0	0	63	58	24	24	NM	3	22	21	254	221
Virginia	3,915	2,956	32.5%	3,386	2,684	529	271	1,142	1,088	2,243	1,595	140	54	NM	NM	140	54	4	3	0	0	4	3	386	215
West Virginia	115	23	400.2%	85	0	31	23	20	0	65	0	7	5	0	0	7	5	1	1	0	0	1	1	22	17
East South Central	1,918	1,514	26.7%	1,768	1,394	150	121	121	127	1,641	1,260	63	55	4	3	59	52	6	5	3	3	3	3	87	66
Alabama	617	576	7.2%	604	565	13	11	13	12	591	553	8	7	0	0	8	7	2	1	0	0	2	1	3	3
Kentucky	165	141	16.7%	84	78	81	63	22	21	61	56	21	17	NM	NM	19	16	1	1	0	0	1	1	60	46
Mississippi	543	312	74.2%	526	300	16	11	84	92	442	208	5	5	0	0	5	5	0	0	0	0	0	0	11	6
Tennessee	594	486	22.2%	554	450	40	36	NM	NM	548	444	29	26	NM	2	26	24	3	3	3	3	0	0	13	12
West South Central	21,659	15,242	42.1%	18,598	12,851	3,060	2,391	190	184	18,346	12,651	466	334	55	11	411	323	40	26	8	6	32	20	2,617	2,047
Arkansas	1,135	528	115.1%	901	337	235	190	125	124	765	203	91	81	9	9	82	72	32	21	NM	NM	30	19	123	99
Louisiana	545	296	84.1%	363	142	181	153	20	19	343	123	14	12	0	0	14	12	0	0	0	0	0	0	167	141
Oklahoma	204	104	95.7%	98	36	106	68	37	34	60	NM	13	10	0	0	13	10	2	1	0	0	2	1	91	57
Texas	19,775	14,315	38.1%	17,237	12,336	2,538	1,979	7	7	17,177	12,323	348	231	46	2	302	229	7	4	6	4	1	0	2,236	1,750
Mountain	23,523	17,857	31.7%	17,896	13,030	5,627	4,828	892	725	16,925	12,242	815	789	46	43	768	746	132	96	33	20	99	76	4,760	4,006
Arizona	6,912	5,495	25.8%	4,411	3,261	2,501	2,235	343	280	4,043	2,955	340	351	13	12	327	339	21	20	13	13	8	7	2,166	1,889
Colorado	3,519	2,266	55.3%	2,511	1,452	1,008	814	7	6	2,485	1,437	210	195	9	9	201	187	42	13	10	0	32	13	775	614
Idaho	622	519	19.9%	488	407	134	112	139	133	347	272	8	7	0	0	8	7	16	15	NM	NM	15	14	112	92
Montana	229	120	91.3%	178	84	51	35	0	0	178	84	9	8	0	0	9	8	0	0	0	0	0	0	42	28
Nevada	6,861	5,588	22.8%	5,849	4,762	1,012	826	176	96	5,643	4,638	91	85	24	22	67	63	42	40	5	5	36	35	909	728

Table 1.18.A. Utility Scale Facility Net Generation from Solar Thermal by State, by Sector, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
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	142	119	19.2%	0	0	142	119	0	0	0	0
Arizona	101	105	-4.3%	0	0	101	105	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	40	13	210.1%	0	0	40	13	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	273	246	10.6%	0	0	273	246	0	0	0	0
California	273	246	10.6%	0	0	273	246	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	414	365	13.4%	0	0	414	365	0	0	0	0

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

Table 1.18.B. Utility Scale Facility Net Generation from Solar Thermal

by State, by Sector, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	Generation at Utility Scale Facilities			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 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	543	454	19.7%	0	0	543	454	0	0	0	0
Arizona	414	395	5.0%	0	0	414	395	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	128	58	121.2%	0	0	128	58	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	NM	NM	0	0	NM	NM	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,037	853	21.5%	0	0	1,037	853	0	0	0	0
California	1,037	853	21.5%	0	0	1,037	853	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	1,581	1,307	20.9%	0	0	1,581	1,307	0	0	0	0

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

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

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

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

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

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

Chapter 2

Consumption of Fossil Fuels

Table 2.1.A. Coal: Consumption for Electricity Generation, by Sector, 2014-June 2024 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	853,634	624,235	224,568	202	4,629
2015	739,594	539,506	195,927	163	3,999
2016	677,371	496,192	178,047	111	3,021
2017	663,911	484,389	176,643	95	2,783
2018	636,213	473,617	159,976	87	2,534
2019	537,620	399,545	135,838	76	2,161
2020	435,351	325,352	108,125	72	1,802
2021	500,367	372,694	125,920	87	1,666
2022	471,576	349,320	120,514	87	1,655
2023	386,601	290,887	94,165	66	1,484
Year 2022					
January	48,671	35,515	13,004	8	145
February	39,951	28,588	11,219	7	137
March	34,396	24,194	10,045	5	151
April	30,904	22,073	8,704	4	124
May	35,210	26,438	8,621	3	148
June	41,748	31,926	9,666	9	147
July	49,433	37,902	11,380	8	143
August	48,356	36,307	11,897	9	142
Sept	37,302	28,179	8,983	9	130
October	31,458	23,343	7,980	8	126
November	32,398	23,313	8,953	8	122
December	41,750	31,540	10,062	9	139
Year 2023					
January	35,469	27,335	7,993	7	134
February	26,887	20,036	6,727	6	118
March	28,612	21,189	7,301	5	117
April	22,864	16,126	6,617	6	115
May	25,567	18,503	6,937	6	121
June	33,457	26,075	7,255	3	124
July	44,484	34,595	9,750	4	136
August	43,865	33,990	9,744	4	127
Sept	34,207	26,163	7,917	5	122
October	29,616	21,990	7,494	7	124
November	29,605	21,122	8,358	6	119
December	31,968	23,763	8,073	7	126
Year 2024					
January	42,396	32,405	9,850	9	131
February	25,891	20,140	5,622	6	123
March	22,241	17,467	4,635	6	133
April	21,203	15,741	5,355	4	103
May	26,448	20,230	6,097	2	120
June	34,479	26,824	7,527	3	124
Year to Date					
2022	230,880	168,735	61,258	35	852
2023	172,857	129,264	42,829	34	730
2024	172,657	132,806	39,086	31	733
Rolling 12 Months Ending in June					
2023	413,553	309,849	102,085	86	1,534
2024	386,402	294,429	90,421	64	1,487

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-June 2024 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	18,107	978	1,821	861	14,448
2015	16,632	1,032	1,980	635	12,985
2016	16,586	2,979	1,336	572	11,700
2017	14,667	2,802	1,158	515	10,192
2018	13,813	2,268	1,356	490	9,700
2019	12,397	2,062	1,161	443	8,731
2020	10,402	1,635	715	401	7,651
2021	11,301	2,153	667	447	8,034
2022	11,356	2,269	731	448	7,908
2023	9,587	1,554	566	343	7,124
Year 2022					
January	1,071	221	66	48	736
February	930	189	67	49	625
March	985	181	78	32	694
April	898	163	72	22	641
May	904	149	56	24	676
June	892	173	52	33	634
July	954	219	55	36	643
August	963	203	62	37	661
Sept	905	190	57	38	621
October	933	174	56	38	664
November	904	181	56	43	624
December	1,018	227	55	48	688
Year 2023					
January	952	155	66	39	692
February	811	124	47	34	606
March	850	139	63	31	617
April	749	86	45	30	589
May	785	117	43	26	599
June	763	115	50	23	575
July	802	166	37	23	576
August	753	154	38	24	536
Sept	766	145	38	25	558
October	758	110	51	27	571
November	781	116	43	29	593
December	816	126	43	34	612
Year 2024					
January	948	156	53	47	692
February	790	128	38	33	590
March	898	126	53	31	687
April	734	112	32	27	563
May	686	94	31	17	543
June	722	109	29	26	558
Year to Date					
2022	5,680	1,076	391	207	4,007
2023	4,911	737	314	181	3,678
2024	4,777	726	236	181	3,633
Rolling 12 Months Ending in June					
2023	10,587	1,931	655	422	7,579
2024	9,452	1,543	487	343	7,079

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-June 2024 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
Annual Totals						
2014	871,741	625,212	226,389		1,063	19,076
2015	756,226	540,538	197,906		798	16,984
2016	693,958	499,172	179,383		683	14,720
2017	678,578	487,192	177,801		610	12,975
2018	650,027	475,885	161,332		577	12,233
2019	550,017	401,607	136,998		519	10,892
2020	445,753	326,987	108,840		473	9,453
2021	511,669	374,848	126,587		534	9,700
2022	482,931	351,589	121,245		535	9,563
2023	396,188	292,440	94,730		409	8,608
Year 2022						
January	49,742	35,736	13,069		56	881
February	40,880	28,777	11,286		55	762
March	35,381	24,375	10,123		37	845
April	31,802	22,236	8,776		25	765
May	36,114	26,587	8,677		27	824
June	42,640	32,099	9,718		42	781
July	50,387	38,121	11,435		44	787
August	49,318	36,510	11,959		46	803
Sept	38,207	28,369	9,040		47	751
October	32,391	23,518	8,036		46	791
November	33,301	23,494	9,009		52	746
December	42,768	31,766	10,117		57	828
Year 2023						
January	36,421	27,490	8,059		46	826
February	27,698	20,160	6,774		40	724
March	29,462	21,328	7,364		37	734
April	23,614	16,212	6,661		36	704
May	26,353	18,620	6,980		31	720
June	34,220	26,191	7,305		25	699
July	45,286	34,761	9,787		27	711
August	44,618	34,144	9,782		28	663
Sept	34,973	26,308	7,955		30	680
October	30,374	22,100	7,546		33	695
November	30,386	21,238	8,401		35	712
December	32,784	23,889	8,116		40	738
Year 2024						
January	43,343	32,561	9,902		56	823
February	26,681	20,268	5,660		40	713
March	23,139	17,593	4,688		37	820
April	21,937	15,853	5,387		31	665
May	27,134	20,324	6,128		19	663
June	35,201	26,933	7,556		29	682
Year to Date						
2022	236,559	169,810	61,648		242	4,858
2023	177,768	130,001	43,143		215	4,408
2024	177,434	133,533	39,322		213	4,367
Rolling 12 Months Ending in June						
2023	424,140	311,780	102,740		508	9,113
2024	395,854	295,972	90,908		407	8,567

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-June 2024 (Thousand Barrels)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	31,531	19,652	10,689	451	739
2015	28,925	18,562	9,473	249	641
2016	22,405	16,137	5,624	108	536
2017	21,696	15,567	5,461	191	476
2018	28,614	18,345	9,467	269	534
2019	20,836	15,677	4,464	251	444
2020	18,008	13,913	3,447	238	410
2021	21,633	16,850	4,102	250	432
2022	28,760	18,375	9,474	254	657
2023	20,712	15,679	4,303	186	546
Year 2022					
January	5,217	2,325	2,794	44	54
February	2,067	1,239	768	16	43
March	1,732	1,304	365	14	48
April	1,408	1,098	250	17	43
May	1,588	1,275	252	20	42
June	1,704	1,286	351	20	46
July	2,020	1,375	576	21	48
August	1,896	1,301	537	19	39
Sept	1,738	1,341	335	12	49
October	1,814	1,370	387	14	43
November	1,700	1,339	304	15	42
December	5,876	3,121	2,553	42	160
Year 2023					
January	1,789	1,405	303	21	59
February	2,003	1,292	651	17	43
March	1,713	1,280	365	16	52
April	1,578	1,214	307	NM	46
May	1,699	1,284	358	16	42
June	1,610	1,291	258	12	49
July	1,687	1,234	393	14	46
August	1,754	1,387	307	15	45
Sept	1,643	1,231	361	13	39
October	1,735	1,329	350	14	42
November	1,723	1,335	330	16	42
December	1,779	1,396	320	22	41
Year 2024					
January	2,782	1,992	710	24	56
February	1,423	1,144	211	13	55
March	1,459	1,142	259	17	40
April	1,580	1,166	349	17	46
May	1,664	1,271	330	18	44
June	1,639	1,201	376	21	41
Year to Date					
2022	13,715	8,527	4,781	132	275
2023	10,391	7,767	2,240	93	291
2024	10,546	7,917	2,236	111	283
Rolling 12 Months Ending in June					
2023	25,435	17,614	6,933	NM	673
2024	20,868	15,829	4,298	204	537

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-June 2024 (Thousand Barrels)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	3,099	64	1,170	216	1,650
2015	3,142	62	1,155	282	1,643
2016	2,277	68	245	245	1,719
2017	2,012	72	220	238	1,482
2018	2,614	103	354	350	1,807
2019	2,162	71	226	419	1,446
2020	1,730	59	179	269	1,223
2021	2,072	80	278	330	1,384
2022	4,181	106	403	495	3,177
2023	3,304	71	330	372	2,531
Year 2022					
January	425	28	68	114	214
February	239	14	18	30	177
March	336	6	35	33	263
April	335	4	27	26	277
May	310	5	27	34	244
June	345	5	28	18	294
July	360	5	25	38	292
August	243	3	27	30	183
Sept	302	4	28	10	259
October	317	5	32	14	266
November	310	4	33	16	257
December	659	21	55	131	451
Year 2023					
January	388	6	35	57	290
February	288	8	29	26	225
March	350	5	26	27	292
April	278	5	29	NM	234
May	225	8	26	12	178
June	218	6	26	18	169
July	210	5	25	18	162
August	222	5	23	18	176
Sept	222	4	25	21	172
October	238	7	32	19	179
November	267	6	25	38	199
December	398	5	29	109	255
Year 2024					
January	508	20	25	86	377
February	274	4	19	44	207
March	303	4	21	65	213
April	276	6	20	42	208
May	302	5	24	61	213
June	314	5	26	67	216
Year to Date					
2022	1,989	62	203	255	1,470
2023	1,746	38	171	149	1,388
2024	1,977	45	135	364	1,434
Rolling 12 Months Ending in June					
2023	3,938	83	371	NM	3,096
2024	3,535	77	294	587	2,577

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-June 2024 (Thousand Barrels)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	34,630	19,716	11,859	667	2,389
2015	32,067	18,624	10,629	531	2,283
2016	24,682	16,205	5,869	352	2,255
2017	23,708	15,640	5,681	429	1,958
2018	31,228	18,448	9,820	619	2,341
2019	22,998	15,748	4,690	670	1,890
2020	19,738	13,972	3,626	507	1,633
2021	23,705	16,929	4,379	580	1,816
2022	32,940	18,480	9,877	749	3,835
2023	24,016	15,749	4,632	557	3,077
Year 2022					
January	5,642	2,353	2,863	158	268
February	2,306	1,253	786	47	220
March	2,068	1,310	400	47	311
April	1,742	1,102	277	43	320
May	1,898	1,280	279	54	285
June	2,049	1,291	379	38	341
July	2,380	1,380	601	59	340
August	2,139	1,305	564	48	222
Sept	2,040	1,345	364	23	308
October	2,131	1,375	419	28	310
November	2,011	1,344	337	31	299
December	6,534	3,142	2,608	173	611
Year 2023					
January	2,177	1,412	337	78	350
February	2,291	1,300	680	42	268
March	2,063	1,286	390	43	344
April	1,856	1,219	336	NM	280
May	1,923	1,291	384	28	220
June	1,828	1,297	283	30	218
July	1,897	1,239	418	32	208
August	1,976	1,392	330	32	221
Sept	1,866	1,234	386	34	211
October	1,973	1,336	383	33	221
November	1,990	1,341	355	54	241
December	2,177	1,401	350	130	296
Year 2024					
January	3,291	2,012	736	109	434
February	1,698	1,148	230	58	262
March	1,762	1,146	281	81	253
April	1,855	1,173	369	59	254
May	1,966	1,276	354	79	257
June	1,953	1,206	401	88	257
Year to Date					
2022	15,705	8,589	4,984	387	1,745
2023	12,137	7,805	2,411	241	1,680
2024	12,524	7,962	2,371	474	1,716
Rolling 12 Months Ending in June					
2023	29,373	17,697	7,304	NM	3,769
2024	24,402	15,906	4,593	790	3,114

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-June 2024 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	4,412	3,440	599	2	371
2015	4,044	3,120	669	2	253
2016	4,253	3,427	591	2	233
2017	3,490	2,731	542	3	214
2018	3,623	2,740	704	2	177
2019	2,724	2,067	478	1	177
2020	3,077	2,260	658	1	158
2021	3,070	2,323	618	1	127
2022	2,985	2,271	578	3	132
2023	1,848	1,328	416	1	103
Year 2022					
January	240	166	63	0	11
February	248	180	55	0	13
March	216	143	62	0	10
April	225	156	59	0	10
May	248	212	22	0	12
June	281	224	46	0	10
July	219	177	31	0	11
August	241	178	52	0	11
Sept	280	210	60	0	10
October	263	192	60	0	11
November	227	178	36	0	13
December	296	254	31	0	10
Year 2023					
January	163	116	37	0	10
February	135	107	20	0	8
March	115	73	NM	0	12
April	107	74	NM	0	7
May	117	76	34	0	8
June	147	107	33	0	7
July	252	196	44	0	11
August	254	197	47	0	10
Sept	226	175	42	0	9
October	121	76	38	0	7
November	87	49	32	0	6
December	123	81	34	0	8
Year 2024					
January	134	95	31	0	8
February	104	69	29	0	6
March	59	22	30	0	7
April	96	66	22	0	7
May	116	83	26	0	7
June	155	115	NM	0	8
Year to Date					
2022	1,457	1,082	308	2	65
2023	785	554	179	0	52
2024	663	450	170	1	42
Rolling 12 Months Ending in June					
2023	2,312	1,743	NM	1	119
2024	1,726	1,225	NM	1	93

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-June 2024 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	1,283	3	90	16	1,174
2015	1,144	9	109	16	1,010
2016	1,099	6	113	9	971
2017	977	11	115	15	836
2018	929	12	93	10	814
2019	839	17	93	6	724
2020	780	16	124	3	637
2021	760	21	113	6	621
2022	718	23	92	13	589
2023	631	8	111	3	509
Year 2022					
January	55	2	8	2	44
February	67	8	11	2	46
March	60	1	9	2	48
April	56	0	8	1	47
May	68	1	8	2	57
June	52	1	6	2	44
July	51	1	1	1	47
August	69	1	8	0	60
Sept	49	1	8	0	40
October	62	1	8	0	53
November	71	6	8	1	56
December	58	0	9	1	48
Year 2023					
January	43	1	8	1	33
February	48	1	23	0	24
March	58	2	NM	0	46
April	50	2	NM	0	40
May	56	0	8	0	48
June	51	0	6	0	44
July	54	1	8	0	46
August	61	1	9	0	51
Sept	53	0	7	0	46
October	56	0	8	0	48
November	49	0	8	0	41
December	53	0	8	1	43
Year 2024					
January	54	0	8	1	44
February	40	0	8	1	32
March	40	0	8	0	32
April	46	0	5	0	41
May	47	1	7	1	38
June	51	0	NM	1	41
Year to Date					
2022	358	14	50	10	285
2023	305	6	63	2	234
2024	278	1	44	4	229
Rolling 12 Months Ending in June					
2023	665	16	NM	5	538
2024	604	3	NM	5	503

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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

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

See the Technical Notes for fuel conversion factors.

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

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

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

Table 2.3.C. Petroleum Coke: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2014-June 2024 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	5,695	3,443	689	18	1,545
2015	5,188	3,128	779	18	1,263
2016	5,352	3,433	705	10	1,204
2017	4,467	2,742	657	17	1,050
2018	4,552	2,752	797	12	991
2019	3,563	2,083	571	7	900
2020	3,856	2,276	782	4	795
2021	3,830	2,344	731	7	748
2022	3,702	2,294	671	16	721
2023	2,479	1,336	527	4	612
Year 2022					
January	295	168	71	2	54
February	315	188	66	2	59
March	275	144	71	2	58
April	282	156	67	2	57
May	315	214	30	2	69
June	333	225	53	2	53
July	270	178	33	1	58
August	310	179	59	0	72
Sept	330	211	68	0	51
October	325	193	68	0	64
November	298	184	44	1	69
December	355	255	40	2	58
Year 2023					
January	206	116	46	2	42
February	184	108	43	0	32
March	173	75	NM	0	59
April	157	77	NM	0	47
May	173	76	42	0	55
June	198	107	39	0	51
July	306	197	52	0	57
August	315	197	56	0	61
Sept	278	175	49	0	54
October	177	76	46	0	55
November	136	49	40	0	47
December	176	81	42	1	51
Year 2024					
January	188	95	39	2	52
February	144	69	36	1	38
March	99	22	38	0	39
April	142	66	28	0	48
May	163	84	32	1	45
June	206	115	NM	1	49
Year to Date					
2022	1,816	1,095	358	12	350
2023	1,090	560	242	2	286
2024	941	451	214	5	271
Rolling 12 Months Ending in June					
2023	2,977	1,759	NM	7	657
2024	2,329	1,228	NM	6	596

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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

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

See the Technical Notes for fuel conversion factors.

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

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

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

Table 2.4.A. Natural Gas: Consumption for Electricity Generation, by Sector, 2014-June 2024 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector			Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers			
Annual Totals						
2014	8,544,387	3,895,008	3,954,032		71,957	623,390
2015	10,016,576	4,745,255	4,576,683		70,092	624,545
2016	10,170,110	5,018,894	4,571,375		46,304	533,537
2017	9,508,062	4,754,893	4,161,984		50,060	541,126
2018	10,842,129	5,560,267	4,663,935		52,650	565,276
2019	11,612,858	5,980,679	4,958,798		55,575	617,805
2020	11,928,104	6,196,152	5,061,569		51,827	618,556
2021	11,502,569	5,876,442	4,995,247		45,537	585,343
2022	12,384,098	6,376,042	5,364,051		48,658	595,347
2023	13,223,128	6,789,584	5,779,618		50,985	602,940
Year 2022						
January	972,571	499,668	416,488		3,980	52,436
February	823,713	414,497	360,403		3,525	45,288
March	800,152	407,227	339,907		3,791	49,227
April	767,572	391,895	325,930		3,536	46,211
May	947,261	488,790	406,341		3,767	48,363
June	1,168,712	623,024	491,993		4,050	49,645
July	1,430,805	752,312	619,375		4,873	54,245
August	1,407,824	722,888	625,436		5,064	54,436
Sept	1,149,683	579,459	517,292		4,325	48,606
October	971,750	491,554	428,251		3,632	48,313
November	928,163	480,119	394,845		3,849	49,349
December	1,015,892	524,610	437,788		4,265	49,228
Year 2023						
January	992,227	506,014	430,554		4,119	51,540
February	892,138	451,594	389,745		3,797	47,001
March	955,703	489,302	412,237		4,094	50,070
April	887,551	462,086	379,288		3,728	42,449
May	1,019,950	543,723	425,181		3,862	47,184
June	1,202,013	625,349	521,735		4,409	50,520
July	1,496,047	772,384	665,860		4,941	52,862
August	1,487,939	781,914	647,398		4,950	53,677
Sept	1,217,126	618,366	542,844		4,609	51,307
October	1,041,044	529,873	457,358		4,072	49,742
November	988,664	486,100	447,704		4,046	50,814
December	1,042,726	522,880	459,715		4,358	55,773
Year 2024						
January	1,158,025	584,603	513,207		4,553	55,662
February	936,436	480,120	403,490		4,178	48,647
March	937,983	488,672	396,135		4,398	48,778
April	908,741	476,033	380,466		3,649	48,593
May	1,063,309	574,943	436,047		4,057	48,262
June	1,259,100	677,199	530,452		4,447	47,002
Year to Date						
2022	5,479,981	2,825,100	2,341,062		22,649	291,170
2023	5,949,582	3,078,068	2,558,741		24,009	288,765
2024	6,263,594	3,281,569	2,659,798		25,282	296,945
Rolling 12 Months Ending in June						
2023	12,853,699	6,629,010	5,581,729		50,018	592,942
2024	13,537,139	6,993,085	5,880,675		52,258	611,120

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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

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

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

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

Table 2.4.B. Natural Gas: Consumption for Useful Thermal Output, by Sector, 2014-June 2024 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	865,146	4,926	292,016	46,635	521,569
2015	935,098	8,060	283,372	46,287	597,379
2016	1,151,866	38,096	356,905	80,943	675,922
2017	1,168,544	38,740	309,949	104,324	715,532
2018	1,205,962	43,156	331,952	81,856	748,997
2019	1,196,025	42,645	317,231	79,734	756,415
2020	1,292,624	47,025	326,976	78,844	839,778
2021	1,221,841	49,103	307,795	71,094	793,849
2022	1,206,240	46,329	305,125	74,683	780,102
2023	1,222,439	51,023	310,053	72,410	788,954
Year 2022					
January	111,979	4,635	28,424	7,331	71,588
February	98,435	3,929	25,170	6,465	62,872
March	102,253	3,852	25,861	6,384	66,155
April	92,922	2,748	22,502	5,734	61,937
May	95,758	3,356	24,200	5,623	62,579
June	97,703	3,887	25,622	5,855	62,339
July	106,539	4,604	28,679	6,816	66,439
August	106,095	4,242	27,578	6,894	67,380
Sept	96,584	3,583	24,804	5,816	62,381
October	95,266	3,073	23,556	5,412	63,225
November	98,143	4,017	23,125	5,694	65,307
December	104,563	4,401	25,603	6,659	67,900
Year 2023					
January	109,076	4,435	26,082	6,700	71,858
February	98,330	3,904	25,131	6,084	63,212
March	106,424	3,934	26,486	6,508	69,496
April	94,488	3,407	23,770	5,543	61,768
May	94,720	3,923	22,879	5,368	62,550
June	98,389	4,488	24,843	5,667	63,391
July	103,951	5,320	27,775	5,994	64,862
August	102,833	5,406	27,752	6,024	63,651
Sept	99,904	4,377	25,540	5,768	64,220
October	98,645	3,566	25,577	5,857	63,645
November	104,844	4,005	27,172	6,259	67,408
December	110,834	4,258	27,046	6,637	72,893
Year 2024					
January	116,870	4,590	28,584	7,169	76,526
February	101,981	4,125	26,675	6,419	64,763
March	103,471	4,381	26,236	6,539	66,315
April	94,852	3,405	22,496	5,370	63,580
May	98,448	3,912	24,939	5,328	64,269
June	99,063	4,560	26,238	5,701	62,564
Year to Date					
2022	599,049	22,408	151,780	37,392	387,469
2023	601,428	24,092	149,191	35,870	392,274
2024	614,685	24,973	155,169	36,526	398,018
Rolling 12 Months Ending in June					
2023	1,208,618	48,012	302,537	73,162	784,907
2024	1,235,697	51,904	316,030	73,065	794,697

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 2022 and prior years are final. Values for 2023 and 2024 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, 2014-June 2024 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	9,409,532	3,899,934	4,246,048	118,591	1,144,959
2015	10,951,674	4,753,315	4,860,055	116,380	1,221,924
2016	11,321,975	5,056,990	4,928,280	127,246	1,209,459
2017	10,676,606	4,793,632	4,471,933	154,383	1,256,658
2018	12,048,091	5,603,423	4,995,888	134,507	1,314,273
2019	12,808,883	6,023,324	5,276,029	135,310	1,374,220
2020	13,220,728	6,243,178	5,388,546	130,671	1,458,334
2021	12,724,410	5,925,545	5,303,041	116,631	1,379,193
2022	13,590,337	6,422,370	5,669,176	123,342	1,375,449
2023	14,445,567	6,840,607	6,089,671	123,395	1,391,894
Year 2022					
January	1,084,549	504,303	444,912	11,311	124,023
February	922,149	418,426	385,573	9,989	108,160
March	902,405	411,079	365,768	10,175	115,382
April	860,494	394,643	348,432	9,270	108,148
May	1,043,019	492,145	430,541	9,390	110,942
June	1,266,415	626,911	517,616	9,905	111,984
July	1,537,344	756,916	648,054	11,689	120,685
August	1,513,919	727,130	653,015	11,958	121,816
Sept	1,246,267	583,042	542,096	10,141	110,987
October	1,067,017	494,626	451,807	9,044	111,539
November	1,026,306	484,137	417,970	9,543	114,655
December	1,120,456	529,011	463,391	10,924	117,129
Year 2023					
January	1,101,303	510,449	456,636	10,819	123,398
February	990,468	455,497	414,876	9,881	110,213
March	1,062,127	493,236	438,723	10,602	119,566
April	982,039	465,493	403,058	9,271	104,217
May	1,114,670	547,646	448,061	9,230	109,733
June	1,300,402	629,838	546,578	10,076	113,911
July	1,599,998	777,704	693,634	10,935	117,725
August	1,590,772	787,320	675,150	10,974	117,328
Sept	1,317,030	622,743	568,383	10,377	115,527
October	1,139,689	533,439	482,935	9,928	113,387
November	1,093,508	490,105	474,876	10,305	118,222
December	1,153,560	527,138	486,761	10,995	128,666
Year 2024					
January	1,274,895	589,194	541,791	11,721	132,189
February	1,038,417	484,244	430,165	10,597	113,411
March	1,041,453	493,052	422,371	10,937	115,093
April	1,003,593	479,438	402,962	9,019	112,174
May	1,161,757	578,855	460,987	9,385	112,531
June	1,358,164	681,759	556,690	10,149	109,566
Year to Date					
2022	6,079,030	2,847,507	2,492,843	60,041	678,639
2023	6,551,010	3,102,159	2,707,932	59,880	681,039
2024	6,878,279	3,306,542	2,814,966	61,808	694,963
Rolling 12 Months Ending in June					
2023	14,062,317	6,677,022	5,884,266	123,180	1,377,849
2024	14,772,836	7,044,990	6,196,706	125,323	1,405,817

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

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

Table 2.5.A. Landfill Gas: Consumption for Electricity Generation, by Sector, 2014-June 2024 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	285,982	25,819	228,447	27,038	4,678
2015	282,530	25,257	227,381	25,250	4,642
2016	273,557	24,280	224,993	20,445	3,839
2017	278,112	25,074	229,050	20,121	3,866
2018	270,235	23,580	223,513	19,790	3,352
2019	257,494	22,726	214,819	16,874	3,075
2020	252,501	23,571	208,196	18,136	2,597
2021	231,876	22,831	190,031	16,472	2,542
2022	211,866	18,486	176,160	14,898	2,323
2023	194,275	18,502	159,649	13,724	2,401
Year 2022					
January	18,515	1,725	15,257	1,343	190
February	17,347	1,602	14,349	1,216	180
March	19,127	1,751	15,882	1,301	192
April	17,226	1,547	14,618	900	161
May	17,953	1,594	14,955	1,209	195
June	17,609	1,531	14,651	1,225	202
July	17,975	1,543	14,919	1,314	198
August	17,540	1,487	14,533	1,315	207
Sept	17,102	1,461	14,174	1,275	192
October	17,877	1,480	14,857	1,337	202
November	16,933	1,419	14,149	1,177	188
December	16,663	1,347	13,815	1,285	216
Year 2023					
January	17,449	1,676	14,218	1,350	205
February	15,456	1,488	12,565	1,191	212
March	16,708	1,637	13,607	1,209	254
April	15,435	1,526	12,564	1,136	208
May	16,550	1,582	13,753	1,031	184
June	16,271	1,566	13,406	1,082	217
July	16,505	1,511	13,618	1,186	190
August	16,270	1,463	13,448	1,186	173
Sept	17,126	1,724	14,139	1,108	155
October	14,866	1,355	12,415	919	176
November	14,212	1,230	11,659	1,128	196
December	17,429	1,743	14,256	1,199	231
Year 2024					
January	15,222	1,323	12,485	1,197	217
February	16,103	1,744	13,090	1,046	224
March	16,824	1,817	13,712	1,064	232
April	14,453	1,414	11,852	996	191
May	15,367	1,497	12,752	975	143
June	16,413	1,778	13,532	952	151
Year to Date					
2022	107,777	9,749	89,712	7,195	1,120
2023	97,868	9,475	80,114	6,999	1,280
2024	94,383	9,572	77,422	6,229	1,159
Rolling 12 Months Ending in June					
2023	201,958	18,212	166,561	14,702	2,483
2024	190,790	18,599	156,957	12,954	2,280

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 2022 and prior years are final. Values for 2023 and 2024 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.

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Table 2.5.B. Landfill Gas: Consumption for Useful Thermal Output, by Sector, 2014-June 2024 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	1,710	176	525	674	335
2015	1,522	2	644	515	362
2016	4,163	3	2,339	1,034	788
2017	3,940	2	1,948	1,099	891
2018	3,621	0	1,867	911	843
2019	3,570	5	1,933	820	812
2020	4,011	3	2,187	820	1,000
2021	4,030	6	2,155	741	1,129
2022	4,280	15	1,996	817	1,451
2023	4,576	11	2,254	705	1,607
Year 2022					
January	401	1	197	81	121
February	374	1	186	69	118
March	436	1	218	78	138
April	330	1	157	70	102
May	293	1	116	51	125
June	344	1	163	65	115
July	362	1	170	66	125
August	362	1	164	74	122
Sept	355	1	160	76	117
October	355	1	163	69	122
November	315	1	130	64	120
December	354	1	173	55	124
Year 2023					
January	460	1	239	64	157
February	393	1	199	52	141
March	402	1	204	49	148
April	399	1	192	65	141
May	281	1	125	40	116
June	353	1	170	53	128
July	401	1	199	65	136
August	396	1	197	70	128
Sept	361	1	186	61	113
October	361	1	174	72	114
November	331	0	142	60	129
December	440	1	228	54	156
Year 2024					
January	414	1	217	46	149
February	370	1	179	51	138
March	376	1	180	52	142
April	379	1	160	38	181
May	242	1	111	32	98
June	273	1	137	18	116
Year to Date					
2022	2,178	7	1,036	414	720
2023	2,287	5	1,128	323	831
2024	2,054	7	984	238	825
Rolling 12 Months Ending in June					
2023	4,389	13	2,087	726	1,563
2024	4,342	12	2,110	620	1,601

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 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2014-June 2024 (Million Cubic Feet)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	287,692	25,995	228,971	27,713	5,013
2015	284,052	25,259	228,024	25,765	5,004
2016	277,720	24,283	227,332	21,479	4,626
2017	282,051	25,076	230,998	21,220	4,757
2018	273,856	23,580	225,380	20,701	4,196
2019	261,064	22,731	216,753	17,694	3,887
2020	256,512	23,575	210,383	18,956	3,598
2021	235,906	22,836	192,186	17,212	3,671
2022	216,146	18,501	178,155	15,715	3,774
2023	198,851	18,512	161,903	14,428	4,008
Year 2022					
January	18,916	1,726	15,454	1,424	311
February	17,721	1,603	14,535	1,285	298
March	19,562	1,753	16,100	1,379	330
April	17,556	1,548	14,775	971	263
May	18,246	1,595	15,070	1,260	321
June	17,953	1,532	14,813	1,290	318
July	18,337	1,545	15,089	1,380	323
August	17,902	1,488	14,696	1,389	329
Sept	17,456	1,462	14,334	1,350	309
October	18,232	1,482	15,020	1,406	324
November	17,247	1,420	14,279	1,241	308
December	17,017	1,348	13,988	1,340	340
Year 2023					
January	17,909	1,677	14,457	1,414	362
February	15,849	1,489	12,764	1,243	353
March	17,109	1,638	13,811	1,258	402
April	15,833	1,527	12,756	1,201	349
May	16,831	1,583	13,878	1,070	300
June	16,624	1,567	13,577	1,135	345
July	16,906	1,512	13,817	1,252	325
August	16,666	1,464	13,645	1,256	301
Sept	17,487	1,725	14,325	1,169	268
October	15,226	1,356	12,589	991	290
November	14,543	1,230	11,801	1,187	325
December	17,868	1,744	14,484	1,252	387
Year 2024					
January	15,636	1,324	12,702	1,243	367
February	16,473	1,745	13,269	1,097	362
March	17,200	1,818	13,892	1,116	374
April	14,832	1,414	12,012	1,034	372
May	15,609	1,498	12,862	1,007	242
June	16,687	1,779	13,669	970	268
Year to Date					
2022	109,954	9,757	90,748	7,609	1,840
2023	100,156	9,480	81,242	7,321	2,112
2024	96,437	9,579	78,406	6,468	1,985
Rolling 12 Months Ending in June					
2023	206,347	18,225	168,649	15,428	4,045
2024	195,133	18,611	159,066	13,574	3,881

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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

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

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

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

Table 2.6.A. Biogenic Municipal Solid Waste: Consumption for Electricity Generation, by Sector, 2014-June 2024 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	16,706	444	13,809	2,447	6
2015	16,631	452	13,797	2,375	8
2016	16,994	464	13,953	2,566	11
2017	16,348	422	13,381	2,537	8
2018	16,783	467	13,859	2,448	9
2019	15,559	297	12,941	2,310	10
2020	15,516	280	12,975	2,251	10
2021	15,223	252	12,442	2,521	7
2022	14,589	274	7,346	6,969	0
2023	13,860	283	6,941	6,636	0
Year 2022					
January	1,214	22	645	547	0
February	1,117	20	567	530	0
March	1,215	17	638	560	0
April	1,207	23	592	591	0
May	1,225	28	607	589	0
June	1,248	25	622	601	0
July	1,272	25	634	612	0
August	1,246	28	623	595	0
Sept	1,199	18	604	577	0
October	1,211	24	592	595	0
November	1,212	23	593	595	0
December	1,224	21	626	577	0
Year 2023					
January	1,202	24	616	561	0
February	1,046	15	539	492	0
March	1,110	21	575	513	0
April	1,063	21	533	509	0
May	1,167	21	591	554	0
June	1,177	26	582	569	0
July	1,245	24	620	601	0
August	1,231	28	614	588	0
Sept	1,137	24	572	540	0
October	1,153	27	564	562	0
November	1,124	26	544	555	0
December	1,206	24	590	591	0
Year 2024					
January	1,179	21	582	575	0
February	1,062	17	531	513	0
March	1,098	13	565	520	0
April	1,067	20	504	544	0
May	1,168	29	567	571	0
June	1,134	27	555	552	0
Year to Date					
2022	7,226	135	3,673	3,418	0
2023	6,764	129	3,436	3,199	0
2024	6,708	128	3,305	3,275	0
Rolling 12 Months Ending in June					
2023	14,127	268	7,109	6,750	0
2024	13,805	282	6,810	6,713	0

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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

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

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

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

Table 2.6.B. Biogenic Municipal Solid Waste: Consumption for Useful Thermal Output, by Sector, 2014-June 2024 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	1,955	0	650	1,104	200
2015	1,986	0	655	1,127	203
2016	2,232	0	885	1,134	213
2017	2,124	0	814	1,102	208
2018	2,050	0	752	1,109	189
2019	1,667	0	743	737	187
2020	1,650	0	757	705	188
2021	1,712	0	873	666	173
2022	1,647	0	401	1,246	0
2023	1,543	0	449	1,094	0
Year 2022					
January	148	0	38	110	0
February	130	0	31	99	0
March	129	0	30	100	0
April	125	0	29	96	0
May	143	0	34	109	0
June	141	0	32	108	0
July	148	0	37	111	0
August	151	0	34	117	0
Sept	137	0	32	104	0
October	127	0	32	95	0
November	139	0	34	106	0
December	129	0	38	91	0
Year 2023					
January	125	0	38	87	0
February	121	0	33	89	0
March	128	0	34	94	0
April	121	0	32	89	0
May	131	0	33	97	0
June	117	0	33	84	0
July	137	0	41	95	0
August	141	0	40	101	0
Sept	130	0	40	90	0
October	111	0	37	74	0
November	134	0	44	90	0
December	147	0	43	103	0
Year 2024					
January	141	0	43	98	0
February	130	0	35	95	0
March	126	0	33	93	0
April	111	0	35	76	0
May	133	0	36	96	0
June	125	0	31	94	0
Year to Date					
2022	816	0	194	622	0
2023	743	0	203	540	0
2024	767	0	214	553	0
Rolling 12 Months Ending in June					
2023	1,574	0	410	1,165	0
2024	1,567	0	460	1,107	0

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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

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

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

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

Table 2.6.C. Biogenic Municipal Solid Waste: Consumption for Electricity Generation and

Useful Thermal Output, by Sector, 2014-June 2024 (Thousand Tons)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	18,661	444	14,459	3,551	206
2015	18,617	452	14,452	3,502	211
2016	19,226	464	14,838	3,700	224
2017	18,473	422	14,195	3,639	216
2018	18,833	467	14,611	3,557	197
2019	17,225	297	13,684	3,047	197
2020	17,166	280	13,732	2,956	198
2021	16,934	252	13,315	3,187	180
2022	16,236	274	7,747	8,215	0
2023	15,403	283	7,390	7,730	0
Year 2022					
January	1,362	22	683	657	0
February	1,248	20	598	629	0
March	1,344	17	668	660	0
April	1,332	23	621	687	0
May	1,368	28	642	697	0
June	1,389	25	655	709	0
July	1,420	25	671	723	0
August	1,397	28	657	712	0
Sept	1,336	18	636	682	0
October	1,338	24	624	690	0
November	1,351	23	627	701	0
December	1,353	21	664	668	0
Year 2023					
January	1,327	24	654	649	0
February	1,167	15	571	581	0
March	1,238	21	609	607	0
April	1,183	21	564	598	0
May	1,297	21	625	652	0
June	1,294	26	615	653	0
July	1,382	24	661	696	0
August	1,372	28	654	690	0
Sept	1,267	24	612	630	0
October	1,264	27	601	635	0
November	1,258	26	587	645	0
December	1,353	24	634	695	0
Year 2024					
January	1,320	21	626	673	0
February	1,192	17	566	609	0
March	1,225	13	599	613	0
April	1,178	20	539	619	0
May	1,301	29	604	668	0
June	1,259	27	586	646	0
Year to Date					
2022	8,042	135	3,867	4,040	0
2023	7,507	129	3,639	3,739	0
2024	7,475	128	3,520	3,828	0
Rolling 12 Months Ending in June					
2023	15,701	268	7,519	7,914	0
2024	15,371	282	7,270	7,819	0

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 2022 and prior years are final. Values for 2023 and 2024 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. Wood / Wood Waste Biomass: Consumption for Electricity Generation, by Sector, 2014-June 2024 (Billion Btus)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	431,285	45,643	174,513	961	210,167
2015	406,650	43,919	171,387	504	190,840
2016	359,983	41,036	149,516	473	168,959
2017	363,646	42,806	151,877	460	168,503
2018	361,703	45,856	143,288	520	172,039
2019	338,317	42,240	128,980	583	166,514
2020	318,381	31,606	125,695	608	160,472
2021	328,253	41,868	129,554	998	155,833
2022	323,764	46,357	125,125	1,140	151,142
2023	274,420	34,192	100,099	732	139,397
Year 2022					
January	28,590	4,116	11,148	102	13,225
February	27,354	4,072	10,966	94	12,223
March	26,834	3,220	10,911	69	12,633
April	24,378	2,638	9,297	73	12,370
May	26,037	3,542	9,711	110	12,675
June	27,667	4,060	10,713	129	12,766
July	30,189	4,960	11,506	119	13,604
August	29,708	5,264	11,129	171	13,144
Sept	26,117	3,722	10,273	81	12,041
October	23,854	3,181	9,295	42	11,335
November	25,533	3,117	9,864	72	12,481
December	27,502	4,466	10,313	77	12,647
Year 2023					
January	26,787	3,731	10,268	76	12,713
February	22,684	3,170	8,154	47	11,314
March	23,014	2,323	8,749	55	11,887
April	19,588	1,306	7,242	46	10,994
May	24,087	2,736	8,988	24	12,339
June	23,681	3,459	8,757	68	11,398
July	25,631	4,424	9,667	58	11,482
August	25,999	4,195	9,765	85	11,954
Sept	21,971	3,201	7,976	82	10,712
October	17,647	1,513	5,522	61	10,552
November	21,207	1,981	7,240	56	11,930
December	22,123	2,156	7,772	74	12,122
Year 2024					
January	24,974	3,832	9,159	99	11,884
February	20,851	2,558	7,235	37	11,021
March	21,487	1,561	8,299	24	11,603
April	20,357	2,153	6,848	9	11,347
May	23,038	3,035	8,139	33	11,830
June	23,119	3,555	7,908	66	11,591
Year to Date					
2022	160,860	21,647	62,745	577	75,890
2023	139,841	16,724	52,157	316	70,644
2024	133,826	16,694	47,589	268	69,276
Rolling 12 Months Ending in June					
2023	302,745	41,434	114,537	878	145,896
2024	268,405	34,162	95,530	683	138,028

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

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

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Table 2.7.B. Wood / Wood Waste Biomass: Consumption for Useful Thermal Output, by Sector, 2014-June 2024 (Billion Btus)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	946,344	8,835	22,262	3,766	911,481
2015	943,962	9,351	19,200	3,714	911,697
2016	969,841	10,950	22,905	4,520	931,465
2017	939,633	11,656	22,986	4,522	900,469
2018	929,365	10,297	21,623	4,806	892,639
2019	907,420	3,564	25,740	4,969	873,147
2020	860,062	3,051	25,022	3,595	828,394
2021	870,986	3,520	21,804	2,958	842,704
2022	819,395	4,629	21,579	3,158	790,029
2023	747,320	3,777	23,488	2,343	717,713
Year 2022					
January	72,157	390	2,158	282	69,327
February	65,478	385	1,740	281	63,071
March	68,069	443	1,613	228	65,785
April	68,138	403	1,617	171	65,947
May	69,868	269	1,639	274	67,686
June	68,973	296	1,688	367	66,623
July	71,267	330	1,709	327	68,901
August	70,484	360	1,819	375	67,931
Sept	64,897	408	1,977	199	62,313
October	65,076	230	1,763	149	62,935
November	66,976	513	1,895	250	64,318
December	68,011	603	1,960	256	65,192
Year 2023					
January	70,819	369	1,657	249	68,545
February	62,603	289	1,879	163	60,271
March	66,239	302	2,880	223	62,834
April	58,787	338	2,173	162	56,115
May	63,472	273	2,046	81	61,072
June	58,929	336	2,168	254	56,171
July	60,435	353	1,799	129	58,155
August	60,940	374	1,310	221	59,035
Sept	57,254	324	1,133	256	55,540
October	60,417	188	2,787	185	57,258
November	63,922	343	1,962	179	61,439
December	63,502	288	1,694	241	61,279
Year 2024					
January	64,247	354	1,725	285	61,883
February	56,580	255	1,422	138	54,765
March	61,494	393	1,518	75	59,510
April	60,386	282	1,683	65	58,356
May	60,029	336	1,406	147	58,139
June	55,400	318	1,379	223	53,481
Year to Date					
2022	412,683	2,186	10,455	1,603	398,439
2023	380,849	1,907	12,804	1,132	365,006
2024	358,136	1,938	9,133	932	346,134
Rolling 12 Months Ending in June					
2023	787,561	4,350	23,927	2,687	756,596
2024	724,607	3,808	19,817	2,143	698,840

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 2.7.C. Wood / Wood Waste Biomass: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2014-June 2024 (Billion Btus)

Period	Total (all sectors)	Electric Power Sector		Commercial Sector	Industrial Sector
		Electric Utilities	Independent Power Producers		
Annual Totals					
2014	1,377,629	54,478	196,775	4,727	1,121,648
2015	1,350,612	53,269	190,587	4,219	1,102,537
2016	1,329,824	51,986	172,421	4,993	1,100,424
2017	1,303,279	54,462	174,862	4,982	1,068,972
2018	1,291,068	56,153	164,911	5,326	1,064,678
2019	1,245,737	45,804	154,720	5,552	1,039,661
2020	1,178,443	34,657	150,717	4,203	988,866
2021	1,199,240	45,387	151,359	3,957	998,537
2022	1,143,159	50,986	146,704	4,297	941,171
2023	1,021,740	37,969	123,587	3,075	857,110
Year 2022					
January	100,746	4,505	13,306	384	82,552
February	92,833	4,457	12,706	376	75,294
March	94,902	3,663	12,524	297	78,418
April	92,516	3,041	10,914	244	78,317
May	95,906	3,810	11,350	384	80,361
June	96,641	4,356	12,401	495	79,388
July	101,457	5,290	13,216	446	82,505
August	100,192	5,624	12,948	545	81,075
Sept	91,014	4,131	12,251	280	74,354
October	88,930	3,412	11,058	191	74,270
November	92,510	3,630	11,759	322	76,800
December	95,513	5,068	12,273	334	77,839
Year 2023					
January	97,606	4,099	11,925	325	81,258
February	85,287	3,459	10,033	210	71,586
March	89,253	2,625	11,630	278	74,720
April	78,375	1,644	9,415	209	67,109
May	87,558	3,009	11,034	105	73,410
June	82,610	3,795	10,925	322	67,569
July	86,067	4,777	11,466	187	69,637
August	86,939	4,568	11,075	306	70,990
Sept	79,224	3,525	9,109	338	66,253
October	78,065	1,700	8,308	246	67,810
November	85,130	2,324	9,202	235	73,369
December	85,625	2,444	9,466	315	73,401
Year 2024					
January	89,221	4,186	10,885	384	73,767
February	77,431	2,813	8,657	175	65,786
March	82,981	1,954	9,816	98	71,113
April	80,743	2,435	8,531	74	69,703
May	83,066	3,371	9,546	180	69,969
June	78,519	3,872	9,286	289	65,072
Year to Date					
2022	573,544	23,833	73,200	2,180	474,330
2023	520,691	18,630	64,961	1,448	435,651
2024	491,962	18,632	56,721	1,200	415,409
Rolling 12 Months Ending in June					
2023	1,090,306	45,784	138,465	3,565	902,492
2024	993,012	37,970	115,347	2,826	836,869

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 2022 and prior years are final. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

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

**Table 2.8.A. Consumption of Coal for Electricity Generation by State, by Sector,
June 2024 and June 2023 (Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	0	1	-22.0%	0	0	0	1	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	1	-22.0%	0	0	0	1	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	950	515	84.0%	0	0	949	514	0	0	1	1
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	950	515	84.0%	0	0	949	514	0	0	1	1
East North Central	7,245	5,874	23.0%	4,402	3,945	2,820	1,893	NM	NM	23	35
Illinois	1,644	1,269	30.0%	32	81	1,594	1,159	NM	NM	17	28
Indiana	1,995	1,807	10.0%	1,852	1,662	143	145	0	0	0	0
Michigan	1,367	972	41.0%	1,361	968	6	3	0	0	NM	NM
Ohio	1,240	775	60.0%	163	189	1,077	586	0	0	0	0
Wisconsin	999	1,051	-4.9%	994	1,045	0	0	0	0	5	NM
West North Central	6,607	7,677	-14.0%	6,537	7,610	0	0	0	0	70	67
Iowa	734	1,120	-34.0%	691	1,076	0	0	0	0	42	44
Kansas	808	1,045	-23.0%	808	1,045	0	0	0	0	0	0
Minnesota	575	705	-18.0%	572	702	0	0	0	0	3	4
Missouri	2,228	2,301	-3.2%	2,228	2,301	0	0	0	0	0	0
Nebraska	662	979	-32.0%	640	963	0	0	0	0	21	16
North Dakota	1,513	1,431	5.7%	1,509	1,428	0	0	0	0	3	NM
South Dakota	88	95	-7.9%	88	95	0	0	0	0	0	0
South Atlantic	5,614	4,044	39.0%	5,094	3,819	513	222	0	0	7	2
Delaware	11	0	NM	0	0	11	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	526	470	12.0%	525	469	0	0	0	0	0	NM
Georgia	1,072	788	36.0%	1,070	788	0	0	0	0	2	NM
Maryland	115	40	191.0%	0	0	115	40	0	0	0	0
North Carolina	835	566	47.0%	834	565	0	0	0	0	0	0
South Carolina	781	621	26.0%	780	619	0	2	0	0	0	0
Virginia	131	1	NM	127	0	0	0	0	0	4	1
West Virginia	2,145	1,558	38.0%	1,758	1,377	387	181	0	0	0	0
East South Central	4,365	3,944	11.0%	4,188	3,636	167	301	0	0	9	7
Alabama	1,167	1,096	6.5%	1,167	1,096	0	0	0	0	0	0
Kentucky	1,971	1,692	16.0%	1,971	1,692	0	0	0	0	0	0
Mississippi	260	352	-26.0%	92	50	167	301	0	0	0	0
Tennessee	967	804	20.0%	958	797	0	0	0	0	9	7
West South Central	5,813	6,801	-15.0%	3,075	3,211	2,738	3,590	0	0	1	0
Arkansas	1,028	976	5.3%	857	783	171	193	0	0	1	0
Louisiana	342	256	33.0%	250	190	92	66	0	0	0	0
Oklahoma	440	586	-25.0%	440	586	0	0	0	0	0	0
Texas	4,003	4,982	-20.0%	1,528	1,651	2,476	3,332	0	0	0	0
Mountain	3,843	4,440	-13.0%	3,505	3,812	330	620	0	0	8	8
Arizona	503	476	5.6%	503	476	0	0	0	0	0	0
Colorado	882	830	6.3%	882	830	0	0	0	0	0	0
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	226	476	-52.0%	0	0	226	476	0	0	NM	NM
Nevada	123	87	41.0%	64	25	59	63	0	0	0	0
New Mexico	496	528	-6.0%	496	528	0	0	0	0	0	0
Utah	569	454	25.0%	526	413	44	41	0	0	0	0
Wyoming	1,043	1,587	-34.0%	1,034	1,539	1	41	0	0	8	7
Pacific Contiguous	7	109	-94.0%	0	0	1	105	0	0	5	4
California	5	4	21.0%	0	0	0	0	0	0	5	4
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	2	105	-98.0%	0	0	1	105	0	0	1	0
Pacific Noncontiguous	34	53	-35.0%	23	43	NM	NM	3	NM	0	0
Alaska	34	53	-35.0%	23	43	NM	NM	3	NM	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	34,479	33,457	3.1%	26,824	26,075	7,527	7,255	3	3	124	124

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

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 Coal for Electricity Generation by State, by Sector,
Year-to-Date through June 2024 and June 2023 (Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	20	49	-60.0%	0	0	20	49	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	4	7	-39.0%	0	0	4	7	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	16	42	-63.0%	0	0	16	42	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	4,965	4,499	10.0%	0	0	4,956	4,489	0	0	9	10
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	4,965	4,499	10.0%	0	0	4,956	4,489	0	0	9	10
East North Central	34,641	33,359	3.8%	21,355	20,567	13,142	12,600	4	8	139	185
Illinois	7,703	7,260	6.1%	317	361	7,282	6,748	2	3	102	148
Indiana	9,770	9,744	0.3%	8,905	8,812	863	927	2	5	0	0
Michigan	5,928	5,968	-0.7%	5,889	5,907	35	59	0	0	3	2
Ohio	5,914	5,793	2.1%	951	926	4,962	4,867	0	0	0	0
Wisconsin	5,327	4,594	16.0%	5,293	4,560	0	0	0	0	34	34
West North Central	34,717	37,261	-6.8%	34,311	36,894	0	0	4	3	402	364
Iowa	3,037	4,130	-26.0%	2,800	3,923	0	0	1	2	235	205
Kansas	3,488	4,614	-24.0%	3,488	4,614	0	0	0	0	0	0
Minnesota	3,185	3,340	-4.7%	3,166	3,321	0	0	1	0	18	19
Missouri	11,092	11,129	-0.3%	11,090	11,129	0	0	1	1	0	0
Nebraska	4,169	4,920	-15.0%	4,039	4,800	0	0	0	0	130	120
North Dakota	9,267	8,745	6.0%	9,248	8,726	0	0	0	0	19	19
South Dakota	479	382	25.0%	479	382	0	0	0	0	0	0
South Atlantic	24,187	20,539	18.0%	22,060	17,767	2,079	2,720	3	1	45	51
Delaware	34	0	NM	0	0	34	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,817	2,513	-28.0%	1,816	2,510	0	0	0	0	2	4
Georgia	4,543	3,283	38.0%	4,527	3,271	0	0	0	0	16	12
Maryland	563	181	210.0%	0	0	563	181	0	0	0	0
North Carolina	3,867	1,906	103.0%	3,861	1,895	0	0	3	1	3	10
South Carolina	3,392	2,870	18.0%	3,391	2,853	0	15	0	0	1	2
Virginia	527	449	17.0%	504	425	0	0	0	0	23	24
West Virginia	9,443	9,337	1.1%	7,961	6,813	1,482	2,523	0	0	0	0
East South Central	21,995	20,599	6.8%	21,064	18,944	877	1,617	0	0	54	38
Alabama	5,842	5,272	11.0%	5,842	5,272	0	0	0	0	0	0
Kentucky	10,792	9,673	12.0%	10,792	9,673	0	0	0	0	0	0
Mississippi	1,320	1,886	-30.0%	443	269	877	1,617	0	0	0	0
Tennessee	4,040	3,767	7.2%	3,987	3,729	0	0	0	0	54	38
West South Central	28,028	28,942	-3.2%	13,994	13,021	14,025	15,915	0	0	9	7
Arkansas	4,521	4,166	8.5%	3,711	3,174	807	988	0	0	3	3
Louisiana	1,573	875	80.0%	1,133	801	440	74	0	0	0	0
Oklahoma	1,744	1,348	29.0%	1,738	1,344	0	0	0	0	6	4
Texas	20,190	22,554	-10.0%	7,411	7,702	12,779	14,852	0	0	0	0
Mountain	23,234	26,012	-11.0%	19,808	21,873	3,380	4,093	0	0	47	46
Arizona	2,710	2,823	-4.0%	2,710	2,823	0	0	0	0	0	0
Colorado	4,367	4,855	-10.0%	4,367	4,855	0	0	0	0	0	0
Idaho	NM	NM	NM	0	0	0	0	0	0	NM	NM
Montana	2,665	3,439	-23.0%	0	0	2,664	3,438	0	0	1	1
Nevada	657	461	43.0%	365	235	292	226	0	0	0	0
New Mexico	2,451	2,135	15.0%	2,451	2,135	0	0	0	0	0	0
Utah	3,035	3,590	-15.0%	2,814	3,402	221	188	0	0	0	0
Wyoming	7,348	8,710	-16.0%	7,101	8,425	203	241	0	0	45	44
Pacific Contiguous	588	1,325	-56.0%	0	0	557	1,296	0	0	30	28
California	27	25	7.3%	0	0	0	0	0	0	27	25
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	561	1,300	-57.0%	0	0	557	1,296	0	0	3	4
Pacific Noncontiguous	284	270	5.3%	214	197	49	50	21	22	0	0
Alaska	284	270	5.3%	214	197	49	50	21	22	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	172,657	172,857	-0.1%	132,806	129,264	39,086	42,829	31	34	733	730

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

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

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

**Table 2.9.A. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector,
June 2024 and June 2023 (Thousand Barrels)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	72	27	164.0%	10	2	61	23	1	1	1	1
Connecticut	23	18	25.0%	1	1	23	NM	NM	NM	NM	0
Maine	16	2	593.0%	0	0	14	2	0	0	1	0
Massachusetts	25	NM	NM	9	NM	15	NM	NM	NM	NM	NM
New Hampshire	6	1	479.0%	0	0	6	NM	0	0	0	0
Rhode Island	NM	NM	NM	0	0	NM	NM	NM	0	0	0
Vermont	NM	NM	NM	NM	NM	0	0	0	0	0	0
Middle Atlantic	73	45	63.0%	14	11	54	27	NM	3	3	4
New Jersey	NM	NM	NM	0	0	NM	NM	NM	NM	0	0
New York	51	21	140.0%	13	11	37	NM	NM	NM	0	1
Pennsylvania	19	21	-10.0%	0	NM	15	NM	1	2	3	3
East North Central	78	77	0.3%	46	53	31	23	0	0	1	1
Illinois	3	3	19.0%	1	1	NM	2	0	NM	0	0
Indiana	22	29	-24.0%	22	29	0	0	0	0	0	0
Michigan	NM	15	NM	NM	14	0	0	NM	NM	0	0
Ohio	32	25	32.0%	NM	3	29	22	0	0	0	0
Wisconsin	NM	7	NM	NM	7	0	0	NM	NM	0	NM
West North Central	NM	64	NM	NM	63	NM	NM	0	0	0	0
Iowa	NM	15	NM	NM	14	NM	NM	0	0	NM	NM
Kansas	14	9	53.0%	14	9	0	0	0	0	0	0
Minnesota	NM	9	NM	NM	9	NM	NM	0	0	0	0
Missouri	20	12	64.0%	20	12	0	0	0	0	0	0
Nebraska	NM	7	NM	NM	7	0	0	0	0	0	0
North Dakota	NM	6	NM	NM	6	0	0	0	0	0	0
South Dakota	NM	4	NM	NM	4	0	0	NM	NM	0	0
South Atlantic	136	141	-3.5%	76	101	33	24	15	5	12	11
Delaware	NM	NM	NM	0	0	NM	NM	0	0	0	0
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	17	26	-36.0%	14	24	2	1	0	0	0	1
Georgia	15	19	-18.0%	5	10	NM	NM	0	NM	10	8
Maryland	19	15	25.0%	0	0	19	15	NM	0	0	0
North Carolina	12	13	-7.7%	11	12	NM	NM	NM	NM	1	NM
South Carolina	15	15	-5.3%	14	15	0	0	0	0	0	1
Virginia	37	15	150.0%	16	6	6	3	15	5	0	0
West Virginia	16	34	-54.0%	16	34	0	0	0	0	0	0
East South Central	23	35	-34.0%	23	34	NM	NM	0	0	NM	NM
Alabama	NM	NM	NM	NM	NM	NM	NM	0	0	NM	NM
Kentucky	11	11	-2.9%	11	11	0	0	0	0	0	0
Mississippi	1	1	74.0%	1	1	0	0	0	0	0	0
Tennessee	10	22	-53.0%	10	22	0	0	0	0	0	0
West South Central	50	41	23.0%	17	22	32	18	NM	NM	0	1
Arkansas	3	6	-46.0%	NM	5	0	0	0	0	NM	NM
Louisiana	NM	2	NM	NM	2	0	0	0	0	0	0
Oklahoma	4	9	-54.0%	4	9	0	0	0	0	0	1
Texas	42	24	78.0%	10	6	32	17	NM	NM	0	0
Mountain	NM	34	NM	NM	30	3	4	NM	NM	0	0
Arizona	5	8	-32.0%	5	8	0	0	NM	NM	0	0
Colorado	NM	8	NM	NM	8	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	NM	4	NM	NM	NM	3	4	0	0	0	0
Nevada	1	1	103.0%	1	0	0	0	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	9	5	76.0%	9	5	0	0	0	0	0	0
Wyoming	9	8	20.0%	9	8	0	0	0	0	0	0
Pacific Contiguous	13	17	-26.0%	NM	6	3	2	2	1	1	9
California	NM	13	NM	NM	5	0	0	2	0	NM	7
Oregon	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Washington	4	4	4.7%	NM	NM	3	2	0	0	1	NM
Pacific Noncontiguous	1,089	1,130	-3.6%	909	969	158	136	1	2	21	23
Alaska	171	138	24.0%	164	128	0	0	NM	0	8	9
Hawaii	918	992	-7.5%	745	840	158	136	1	1	14	14
U.S. Total	1,639	1,610	1.8%	1,201	1,291	376	258	21	12	41	49

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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.B. Consumption of Petroleum Liquids for Electricity Generation by State, by Sector, Year-to-Date through June 2024 and June 2023 (Thousand Barrels)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	303	502	-40.0%	27	34	256	447	13	14	7	7
Connecticut	137	213	-36.0%	3	4	132	207	0	1	1	1
Maine	38	65	-41.0%	0	0	33	60	0	0	6	5
Massachusetts	92	105	-12.0%	21	29	65	71	6	5	0	0
New Hampshire	14	75	-82.0%	0	0	NM	68	6	7	0	0
Rhode Island	20	43	-54.0%	0	0	19	42	1	1	0	0
Vermont	NM	NM	NM	NM	NM	0	0	0	0	0	0
Middle Atlantic	515	615	-16.0%	165	190	312	380	14	NM	24	24
New Jersey	24	62	-61.0%	0	0	24	61	NM	NM	0	0
New York	346	446	-23.0%	164	190	169	235	9	NM	3	8
Pennsylvania	145	107	35.0%	0	0	119	84	5	7	21	16
East North Central	457	426	7.0%	251	244	199	177	1	1	5	5
Illinois	26	27	-1.9%	6	6	20	21	0	NM	0	0
Indiana	87	109	-20.0%	86	93	0	15	1	0	0	1
Michigan	94	89	5.5%	94	88	0	0	0	NM	1	2
Ohio	203	158	29.0%	23	18	178	138	0	0	1	2
Wisconsin	45	43	5.1%	NM	39	0	2	0	0	3	1
West North Central	583	450	29.0%	576	445	NM	NM	2	1	1	1
Iowa	113	101	12.0%	110	99	2	2	0	NM	NM	NM
Kansas	131	65	100.0%	131	65	0	0	0	0	0	0
Minnesota	42	46	-9.0%	NM	42	NM	NM	1	1	1	1
Missouri	169	115	47.0%	169	115	0	0	0	0	0	0
Nebraska	56	44	28.0%	56	44	0	0	0	0	0	0
North Dakota	57	62	-8.1%	57	62	0	0	0	0	0	0
South Dakota	NM	18	NM	NM	18	0	0	NM	NM	0	0
South Atlantic	1,233	797	55.0%	752	573	338	109	59	31	83	85
Delaware	27	19	47.0%	0	1	27	18	0	0	0	0
District of Columbia	NM	NM	NM	0	0	0	0	NM	NM	0	0
Florida	127	154	-18.0%	114	144	10	5	0	0	4	6
Georgia	134	98	37.0%	53	37	15	NM	1	1	65	59
Maryland	210	53	294.0%	1	1	209	52	NM	0	NM	NM
North Carolina	226	83	171.0%	185	69	34	3	NM	NM	4	11
South Carolina	117	92	28.0%	113	85	1	3	0	0	3	4
Virginia	287	134	114.0%	182	73	43	27	56	29	7	5
West Virginia	104	164	-37.0%	104	164	0	0	0	0	0	0
East South Central	181	213	-15.0%	178	210	NM	NM	0	0	3	2
Alabama	17	9	82.0%	15	7	NM	NM	0	0	NM	1
Kentucky	67	68	-1.2%	67	68	0	0	0	0	0	0
Mississippi	8	6	30.0%	6	5	0	0	0	0	1	1
Tennessee	89	130	-31.0%	89	129	0	0	0	0	0	0
West South Central	364	267	36.0%	166	113	192	150	1	NM	6	3
Arkansas	39	42	-7.4%	32	35	6	6	0	0	NM	NM
Louisiana	NM	7	NM	NM	7	0	0	0	0	0	0
Oklahoma	24	18	32.0%	21	17	0	0	0	0	4	2
Texas	289	200	44.0%	101	54	186	144	1	NM	2	1
Mountain	199	177	13.0%	175	162	24	15	NM	NM	0	1
Arizona	25	29	-14.0%	25	29	0	0	NM	NM	0	0
Colorado	62	38	63.0%	56	37	7	0	0	0	0	1
Idaho	0	0	92.0%	0	0	0	0	0	0	0	0
Montana	28	11	152.0%	13	NM	15	10	0	0	0	0
Nevada	7	5	36.0%	6	4	1	1	0	0	0	0
New Mexico	NM	NM	NM	NM	NM	0	0	0	0	0	0
Utah	24	30	-18.0%	24	27	1	3	0	0	0	0
Wyoming	46	58	-21.0%	46	58	0	0	0	0	0	0
Pacific Contiguous	103	105	-1.1%	50	44	21	10	12	13	20	37
California	69	75	-8.8%	33	33	12	4	12	12	12	27
Oregon	NM	NM	NM	NM	NM	0	0	NM	NM	0	0
Washington	34	29	19.0%	17	11	9	6	0	1	8	10
Pacific Noncontiguous	6,609	6,839	-3.4%	5,578	5,751	890	950	8	11	133	127
Alaska	931	844	10.0%	876	793	0	0	2	1	54	50
Hawaii	5,678	5,995	-5.3%	4,703	4,958	890	950	6	9	80	77
U.S. Total	10,546	10,391	1.5%	7,917	7,767	2,236	2,240	111	93	283	291

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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 Petroleum Coke for Electricity Generation by State, by Sector, June 2024 and June 2023 (Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
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	90	64	40.0%	68	37	NM	NM	0	0	5	5
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	73	42	75.0%	68	36	0	0	0	0	5	5
Ohio	NM	22	NM	0	0	NM	NM	0	0	0	0
Wisconsin	0	1	-100.0%	0	1	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	48	36	33.0%	47	35	0	0	0	0	NM	NM
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	47	35	36.0%	47	35	0	0	0	0	0	0
Georgia	NM	NM	NM	0	0	0	0	0	0	NM	NM
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	2	36	-94.0%	0	35	0	0	0	0	2	1
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	35	-100.0%	0	35	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	2	1	90.0%	0	0	0	0	0	0	2	1
Mountain	14	11	35.0%	0	0	14	11	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	11	35.0%	0	0	14	11	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	155	147	5.3%	115	107	NM	33	0	0	8	7

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

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

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

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

Table 2.10.B. Consumption of Petroleum Coke for Electricity Generation by State, by Sector, Year-to-Date through June 2024 and June 2023 (Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 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	432	341	27.0%	314	220	92	NM	0	0	25	31
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	338	244	39.0%	313	213	0	0	0	0	25	31
Ohio	93	91	1.8%	0	0	92	NM	0	0	0	0
Wisconsin	1	7	-81.0%	1	7	0	0	0	0	0	0
West North Central	1	0	123.0%	0	0	0	0	1	0	0	0
Iowa	1	0	123.0%	0	0	0	0	1	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	116	208	-44.0%	114	201	0	0	0	0	NM	NM
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	114	201	-44.0%	114	201	0	0	0	0	0	0
Georgia	NM	NM	NM	0	0	0	0	0	0	NM	NM
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	37	147	-75.0%	22	132	0	0	0	0	15	15
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	22	132	-83.0%	22	132	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	15	15	-0.3%	0	0	0	0	0	0	15	15
Mountain	77	88	-12.0%	0	0	77	88	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	77	88	-12.0%	0	0	77	88	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	663	785	-16.0%	450	554	170	179	1	0	42	52

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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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 Natural Gas for Electricity Generation by State, by Sector,
June 2024 and June 2023 (Million Cubic Feet)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
				Electric Utilities		Independent Power Producers					
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	35,962	36,858	-2.4%	NM	NM	34,735	35,581	512	478	568	571
Connecticut	15,093	16,844	-10.0%	27	126	14,576	16,269	145	131	346	318
Maine	2,995	2,472	21.0%	0	0	2,936	2,397	14	12	45	62
Massachusetts	8,507	8,255	3.1%	NM	NM	8,015	7,786	328	315	46	50
New Hampshire	3,849	3,659	5.2%	0	0	3,846	3,643	1	2	1	14
Rhode Island	5,516	5,629	-2.0%	0	0	5,362	5,486	23	17	NM	NM
Vermont	2	0	NM	2	0	0	0	0	0	0	0
Middle Atlantic	166,609	148,861	12.0%	12,438	10,192	150,998	135,434	775	756	2,398	2,479
New Jersey	21,118	20,102	5.1%	NM	NM	20,591	19,554	189	181	203	207
New York	48,253	43,233	12.0%	12,290	10,029	35,066	32,390	535	515	362	299
Pennsylvania	97,238	85,526	14.0%	13	3	95,341	83,490	51	60	1,833	1,973
East North Central	149,742	149,420	0.2%	62,271	59,982	83,473	85,683	707	724	3,292	3,032
Illinois	21,127	22,331	-5.4%	2,749	2,684	17,567	18,900	191	224	619	523
Indiana	24,486	26,799	-8.6%	13,167	14,483	9,628	10,578	94	94	1,598	1,644
Michigan	34,578	34,432	0.4%	20,130	18,348	13,892	15,575	259	241	297	269
Ohio	50,040	47,742	4.8%	7,342	7,356	42,386	40,118	128	128	185	139
Wisconsin	19,511	18,118	7.7%	18,882	17,112	0	512	35	37	593	457
West North Central	33,853	39,722	-15.0%	28,799	33,753	3,927	4,990	168	173	959	805
Iowa	6,496	8,056	-19.0%	6,084	7,675	NM	NM	66	79	345	301
Kansas	5,652	5,671	-0.3%	5,421	5,438	0	0	0	0	231	233
Minnesota	8,214	11,120	-26.0%	5,649	7,711	2,217	3,143	40	41	308	225
Missouri	8,975	8,639	3.9%	7,201	6,731	1,709	1,846	57	53	8	9
Nebraska	NM	2,500	NM	NM	2,500	0	0	5	0	10	0
North Dakota	NM	1,678	NM	NM	1,674	0	0	0	0	12	4
South Dakota	NM	2,057	NM	NM	2,024	0	0	0	0	45	NM
South Atlantic	297,338	278,760	6.7%	246,445	231,074	47,749	44,451	627	580	2,518	2,655
Delaware	3,879	2,838	37.0%	100	7	3,377	2,381	0	0	402	450
District of Columbia	139	110	26.0%	0	0	0	0	139	110	0	0
Florida	139,019	134,370	3.5%	130,676	126,887	7,598	6,645	NM	NM	675	770
Georgia	40,755	43,589	-6.5%	31,722	33,634	8,520	9,498	0	0	514	457
Maryland	9,436	9,298	1.5%	2,064	2,752	7,055	6,248	297	279	20	20
North Carolina	44,625	33,800	32.0%	38,869	27,813	5,575	5,805	NM	NM	68	68
South Carolina	15,157	15,313	-1.0%	14,261	14,732	832	474	0	0	64	107
Virginia	40,873	35,105	16.0%	28,209	23,748	12,114	10,783	9	10	542	563
West Virginia	3,455	4,337	-20.0%	543	1,500	2,679	2,617	0	0	233	220
East South Central	107,890	100,536	7.3%	86,586	75,830	19,365	22,810	85	83	1,853	1,814
Alabama	42,755	41,473	3.1%	22,791	18,095	19,167	22,557	0	0	797	821
Kentucky	13,828	9,443	46.0%	13,565	9,122	198	248	0	0	65	73
Mississippi	39,952	38,108	4.8%	39,723	37,864	0	4	0	0	229	240
Tennessee	11,355	11,512	-1.4%	10,508	10,750	0	0	85	83	762	680
West South Central	311,685	315,953	-1.4%	139,198	130,946	143,067	151,709	667	558	28,754	32,739
Arkansas	18,399	18,173	1.2%	17,620	17,459	662	601	NM	NM	86	79
Louisiana	51,169	51,962	-1.5%	36,230	34,681	4,485	4,923	NM	NM	10,438	12,341
Oklahoma	39,586	38,791	2.1%	28,764	26,832	10,502	11,630	0	0	320	329
Texas	202,531	207,027	-2.2%	56,584	51,975	127,419	134,555	618	507	17,910	19,989
Mountain	95,282	76,117	25.0%	75,230	58,776	18,639	16,076	236	246	1,178	1,018
Arizona	39,612	32,753	21.0%	27,574	23,139	11,985	9,563	53	51	0	0
Colorado	12,133	9,720	25.0%	9,728	8,172	2,291	1,448	4	1	110	99
Idaho	3,223	3,123	3.2%	2,171	1,954	NM	1,118	14	14	64	37
Montana	NM	510	NM	NM	503	NM	NM	0	0	NM	NM
Nevada	16,957	11,889	43.0%	15,559	10,359	1,012	1,148	23	23	362	358
New Mexico	10,102	9,820	2.9%	7,870	7,034	2,104	2,697	NM	44	88	45
Utah	7,464	6,730	11.0%	7,112	6,418	NM	NM	NM	112	171	106
Wyoming	5,103	1,571	225.0%	4,720	1,197	2	1	0	0	382	373
Pacific Contiguous	58,399	53,032	10.0%	23,753	21,835	28,499	25,001	671	811	5,475	5,384
California	40,959	34,121	20.0%	14,493	9,867	20,777	18,546	653	726	5,035	4,982
Oregon	11,440	11,422	0.2%	5,670	6,867	5,707	4,506	17	9	46	40
Washington	6,000	7,488	-20.0%	3,589	5,101	2,015	1,948	2	76	394	363
Pacific Noncontiguous	2,339	2,754	-15.0%	2,332	2,731	0	0	0	0	7	23
Alaska	2,339	2,754	-15.0%	2,332	2,731	0	0	0	0	7	23
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,259,100	1,202,013	4.7%	677,199	625,349	530,452	521,735	4,447	4,409	47,002	50,520

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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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 Natural Gas for Electricity Generation by State, by Sector, Year-to-Date through June 2024 and June 2023 (Million Cubic Feet)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	184,141	179,759	2.4%	NM	NM	177,224	173,123	3,019	2,603	3,454	3,554
Connecticut	78,093	79,388	-1.6%	163	261	75,059	76,608	817	710	2,054	1,809
Maine	14,218	11,034	29.0%	0	0	13,890	10,306	74	73	255	655
Massachusetts	52,752	48,380	9.0%	NM	NM	50,203	46,163	2,004	1,701	269	300
New Hampshire	14,322	13,906	3.0%	0	0	14,215	13,798	27	26	80	81
Rhode Island	24,749	27,047	-8.5%	0	0	23,857	26,248	96	90	796	709
Vermont	6	4	66.0%	5	1	0	0	2	3	0	0
Middle Atlantic	816,830	762,467	7.1%	55,254	47,507	742,709	696,473	4,598	3,950	14,270	14,537
New Jersey	102,751	97,072	5.9%	783	NM	99,743	94,471	1,070	891	1,156	1,152
New York	230,715	199,569	16.0%	54,364	46,893	171,086	148,204	3,206	2,700	2,059	1,772
Pennsylvania	483,365	465,825	3.8%	108	56	471,880	453,798	322	358	11,055	11,613
East North Central	806,306	742,512	8.6%	308,246	286,941	473,647	433,458	4,033	3,972	20,381	18,140
Illinois	90,032	82,785	8.8%	11,299	9,178	73,902	69,577	1,127	1,144	3,705	2,887
Indiana	136,507	132,126	3.3%	68,774	69,904	57,287	52,251	512	502	9,934	9,469
Michigan	200,273	182,446	9.8%	93,162	81,902	103,650	97,200	1,512	1,537	1,949	1,807
Ohio	278,644	247,895	12.0%	39,478	34,051	237,447	212,406	660	556	1,060	882
Wisconsin	100,850	97,259	3.7%	95,532	91,907	1,361	2,024	222	233	3,734	3,095
West North Central	173,334	155,081	12.0%	146,998	128,031	19,568	21,029	1,007	1,002	5,760	5,019
Iowa	33,275	35,244	-5.6%	30,963	33,209	NM	NM	431	406	1,878	1,627
Kansas	26,918	19,907	35.0%	25,493	18,592	0	0	0	0	1,425	1,315
Minnesota	50,892	43,576	17.0%	35,201	28,428	13,538	13,217	205	237	1,948	1,693
Missouri	35,460	32,006	11.0%	29,018	23,758	6,027	7,809	341	354	74	85
Nebraska	9,233	8,231	12.0%	9,133	8,227	0	0	31	4	69	0
North Dakota	8,905	8,285	7.5%	8,816	8,220	0	0	0	0	88	64
South Dakota	8,651	7,832	10.0%	8,373	7,597	0	0	0	0	278	235
South Atlantic	1,444,840	1,397,602	3.4%	1,198,221	1,167,731	228,726	211,980	3,520	3,312	14,373	14,579
Delaware	13,353	14,064	-5.1%	191	39	10,978	11,212	0	0	2,184	2,813
District of Columbia	667	595	12.0%	0	0	0	0	667	595	0	0
Florida	683,150	656,303	4.1%	645,307	620,709	33,769	31,190	404	376	3,670	4,029
Georgia	203,098	216,567	-6.2%	160,664	172,420	39,468	41,655	0	0	2,965	2,493
Maryland	46,780	51,665	-9.5%	9,247	14,484	35,734	35,487	1,674	1,575	126	119
North Carolina	198,117	195,945	1.1%	166,161	163,657	30,858	31,142	711	668	388	478
South Carolina	78,617	88,079	-11.0%	75,289	85,840	2,885	1,749	0	0	442	489
Virginia	205,965	161,096	28.0%	139,977	107,947	62,588	50,053	65	98	3,335	2,998
West Virginia	15,093	13,287	14.0%	1,385	2,635	12,446	9,492	0	0	1,262	1,160
East South Central	528,617	497,062	6.3%	418,601	364,663	98,287	121,644	506	485	11,224	10,270
Alabama	203,076	201,165	0.9%	102,762	76,599	95,469	119,994	0	0	4,845	4,572
Kentucky	61,175	47,909	28.0%	57,910	45,862	2,797	1,614	0	0	468	433
Mississippi	207,511	191,587	8.3%	206,041	190,126	21	36	0	0	1,449	1,425
Tennessee	56,856	56,402	0.8%	51,888	52,076	0	0	506	485	4,462	3,840
West South Central	1,459,444	1,381,609	5.6%	611,919	565,506	655,487	626,554	2,872	2,355	189,167	187,195
Arkansas	76,837	88,769	-13.0%	72,791	85,180	3,366	2,948	NM	NM	480	444
Louisiana	261,425	243,329	7.4%	171,845	154,090	16,059	17,575	165	117	73,357	71,548
Oklahoma	175,094	154,045	14.0%	126,045	104,640	47,107	47,408	1	0	1,940	1,996
Texas	946,088	895,467	5.7%	241,238	221,595	588,955	558,623	2,506	2,041	113,389	113,207
Mountain	458,242	434,823	5.4%	369,884	347,343	80,385	80,853	1,359	1,277	6,614	5,350
Arizona	170,056	165,969	2.5%	123,587	120,009	46,176	45,696	294	264	0	0
Colorado	68,687	63,067	8.9%	56,347	51,765	11,702	10,739	11	4	627	560
Idaho	19,195	16,877	14.0%	12,380	10,352	6,313	6,161	86	86	417	278
Montana	4,366	4,923	-11.0%	3,585	4,335	778	585	0	0	NM	NM
Nevada	83,923	80,162	4.7%	78,863	74,752	3,032	3,782	131	132	1,897	1,495
New Mexico	50,039	53,455	-6.4%	37,677	39,673	11,914	13,378	NM	241	225	162
Utah	43,031	41,820	2.9%	40,867	40,212	NM	508	615	550	1,084	550
Wyoming	18,945	8,551	122.0%	16,579	6,245	5	4	0	0	2,360	2,302
Pacific Contiguous	376,516	383,843	-1.9%	156,771	155,174	183,765	193,626	4,367	5,053	31,613	29,990
California	247,323	260,270	-5.0%	79,609	80,168	134,728	148,320	4,240	4,254	28,747	27,528
Oregon	75,676	69,955	8.2%	39,051	39,143	36,209	30,433	108	100	309	278
Washington	53,516	53,619	-0.2%	38,112	35,863	12,828	14,873	19	699	2,558	2,184
Pacific Noncontiguous	15,323	14,825	3.4%	15,232	14,694	0	0	1	0	90	131
Alaska	15,323	14,825	3.4%	15,232	14,694	0	0	1	0	90	131
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	6,263,594	5,949,582	5.3%	3,281,569	3,078,068	2,659,798	2,558,741	25,282	24,009	296,945	288,765

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

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

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

**Table 2.12.A. Consumption of Landfill Gas for Electricity Generation by State, by Sector,
June 2024 and June 2023 (Million Cubic Feet)**

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	June 2024	June 2023	Percentage Change	Electric Utilities		Independent Power Producers		June 2024	June 2023	June 2024	June 2023
				June 2024	June 2023	June 2024	June 2023				
New England	931	847	9.9%	NM	NM	833	749	6	15	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	249	215	16.0%	0	0	249	215	0	0	0	0
New Hampshire	110	116	-4.9%	0	0	NM	102	6	15	0	0
Rhode Island	422	365	16.0%	0	0	422	365	0	0	0	0
Vermont	NM	NM	NM	NM	NM	0	NM	0	0	0	0
Middle Atlantic	2,589	2,624	-1.3%	0	0	2,499	2,472	NM	NM	65	123
New Jersey	294	331	-11.0%	0	0	290	326	NM	NM	0	0
New York	1,276	1,174	8.7%	0	0	1,276	1,174	0	0	0	0
Pennsylvania	1,019	1,119	-8.9%	0	0	933	972	NM	NM	65	123
East North Central	3,486	3,629	-3.9%	708	686	2,755	2,905	5	21	18	17
Illinois	600	592	1.5%	181	204	419	387	0	0	0	0
Indiana	606	587	3.2%	527	481	80	106	0	0	0	0
Michigan	1,389	1,575	-12.0%	0	0	1,389	1,575	0	0	0	0
Ohio	248	229	8.2%	0	0	248	229	0	0	0	0
Wisconsin	642	646	-0.6%	0	0	619	608	5	21	18	17
West North Central	738	663	11.0%	334	268	395	386	0	0	NM	NM
Iowa	163	171	-5.0%	0	0	163	171	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	0	0
Missouri	185	NM	NM	NM	NM	NM	NM	0	0	0	0
Nebraska	143	148	-3.4%	143	148	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Atlantic	3,606	3,403	6.0%	300	201	3,237	3,123	NM	NM	NM	68
Delaware	131	123	6.6%	0	0	NM	NM	0	0	NM	NM
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	722	633	14.0%	88	64	634	569	0	0	0	0
Georgia	504	437	15.0%	0	0	504	437	0	0	0	0
Maryland	NM	122	NM	0	0	NM	122	0	0	0	0
North Carolina	731	839	-13.0%	0	0	731	839	0	0	0	0
South Carolina	277	208	33.0%	212	137	NM	NM	0	0	NM	NM
Virginia	1,084	1,031	5.2%	0	0	1,074	1,021	NM	NM	0	0
West Virginia	NM	NM	NM	0	0	NM	NM	0	0	0	0
East South Central	397	384	3.5%	163	170	234	213	0	0	0	0
Alabama	NM	NM	NM	0	0	NM	NM	0	0	0	0
Kentucky	204	204	0.2%	163	170	NM	NM	0	0	0	0
Mississippi	NM	NM	NM	0	0	NM	NM	0	0	0	0
Tennessee	NM	NM	NM	0	0	NM	NM	0	0	0	0
West South Central	398	491	-19.0%	0	0	398	491	0	0	0	0
Arkansas	NM	NM	NM	0	0	NM	NM	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	NM	NM	NM	0	0	NM	NM	0	0	0	0
Texas	277	324	-15.0%	0	0	277	324	0	0	0	0
Mountain	537	485	11.0%	NM	NM	417	371	NM	71	0	0
Arizona	NM	NM	NM	0	0	NM	NM	0	0	0	0
Colorado	NM	NM	NM	0	0	NM	NM	0	0	0	0
Idaho	140	107	31.0%	NM	NM	NM	NM	NM	46	0	0
Montana	NM	NM	NM	NM	NM	0	0	0	0	0	0
Nevada	144	119	21.0%	0	0	144	119	0	0	0	0
New Mexico	0	NM	NM	0	0	0	NM	0	0	0	0
Utah	NM	108	NM	0	0	NM	NM	1	25	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	3,673	3,695	-0.6%	NM	NM	2,766	2,695	791	886	0	0
California	3,187	3,169	0.6%	NM	NM	2,417	2,305	765	858	0	0
Oregon	396	451	-12.0%	NM	NM	259	315	NM	NM	0	0
Washington	NM	NM	NM	0	0	NM	NM	0	0	0	0
Pacific Noncontiguous	57	50	15.0%	0	0	0	0	57	50	0	0
Alaska	57	50	15.0%	0	0	0	0	57	50	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	16,413	16,271	0.9%	1,778	1,566	13,532	13,406	952	1,082	151	217

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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.B. Consumption of Landfill Gas for Electricity Generation by State, by Sector, Year-to-Date through June 2024 and June 2023 (Million Cubic Feet)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	5,318	5,299	0.4%	503	498	4,719	4,699	96	102	0	0
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	245	250	-1.9%	0	0	245	250	0	0	0	0
Massachusetts	1,317	1,277	3.1%	0	0	1,317	1,277	0	0	0	0
New Hampshire	712	714	-0.3%	0	0	616	612	96	102	0	0
Rhode Island	2,409	2,407	0.1%	0	0	2,409	2,407	0	0	0	0
Vermont	557	577	-3.4%	503	498	NM	NM	0	0	0	0
Middle Atlantic	14,796	15,678	-5.6%	0	0	14,086	14,836	145	174	565	667
New Jersey	1,701	1,993	-15.0%	0	0	1,678	1,970	NM	NM	0	0
New York	7,184	7,092	1.3%	0	0	7,184	7,092	0	0	0	0
Pennsylvania	5,911	6,593	-10.0%	0	0	5,224	5,775	121	151	565	667
East North Central	20,349	21,956	-7.3%	4,014	4,254	16,179	17,489	44	111	111	102
Illinois	3,444	3,537	-2.6%	1,110	1,237	2,335	2,300	0	0	0	0
Indiana	3,507	3,621	-3.2%	2,905	3,017	602	604	0	0	0	0
Michigan	8,150	9,296	-12.0%	0	0	8,150	9,296	0	0	0	0
Ohio	1,368	1,561	-12.0%	0	0	1,368	1,561	0	0	0	0
Wisconsin	3,879	3,941	-1.5%	0	0	3,724	3,727	44	111	111	102
West North Central	3,947	3,878	1.8%	1,624	1,505	2,268	2,317	0	0	55	56
Iowa	986	1,039	-5.1%	0	0	986	1,039	0	0	0	0
Kansas	697	709	-1.7%	0	0	697	709	0	0	0	0
Minnesota	570	513	11.0%	352	295	218	219	0	0	0	0
Missouri	862	728	18.0%	495	378	367	351	0	0	0	0
Nebraska	777	833	-6.7%	777	833	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	55	56	-0.8%	0	0	0	0	0	0	55	56
South Atlantic	19,868	19,712	0.8%	1,545	1,269	17,837	17,922	NM	NM	428	455
Delaware	736	734	0.3%	0	0	645	641	0	0	91	93
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,055	3,860	5.0%	589	496	3,466	3,365	0	0	0	0
Georgia	2,696	2,587	4.2%	0	0	2,694	2,577	0	0	2	10
Maryland	747	724	3.2%	0	0	747	724	0	0	0	0
North Carolina	4,067	4,266	-4.6%	0	0	4,067	4,266	0	0	0	0
South Carolina	1,395	1,232	13.0%	956	773	NM	107	0	0	335	352
Virginia	6,099	6,260	-2.6%	0	0	6,042	6,193	NM	NM	0	0
West Virginia	72	NM	NM	0	0	72	NM	0	0	0	0
East South Central	2,194	2,275	-3.6%	914	1,030	1,280	1,246	0	0	0	0
Alabama	446	448	-0.5%	0	0	446	448	0	0	0	0
Kentucky	1,125	1,205	-6.7%	914	1,030	211	176	0	0	0	0
Mississippi	NM	99	NM	0	0	NM	99	0	0	0	0
Tennessee	523	522	0.1%	0	0	523	522	0	0	0	0
West South Central	2,590	2,929	-12.0%	0	0	2,590	2,929	0	0	0	0
Arkansas	483	576	-16.0%	0	0	483	576	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	396	424	-6.7%	0	0	396	424	0	0	0	0
Texas	1,711	1,928	-11.0%	0	0	1,711	1,928	0	0	0	0
Mountain	2,974	2,892	2.9%	312	252	2,230	2,210	432	429	0	0
Arizona	212	211	0.3%	0	0	212	211	0	0	0	0
Colorado	431	431	0.0%	0	0	431	431	0	0	0	0
Idaho	778	668	17.0%	204	164	238	198	336	306	0	0
Montana	109	NM	NM	109	NM	0	0	0	0	0	0
Nevada	743	699	6.3%	0	0	743	699	0	0	0	0
New Mexico	140	166	-16.0%	0	0	140	166	0	0	0	0
Utah	562	630	-11.0%	0	0	466	506	96	123	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	21,953	22,896	-4.1%	659	668	16,234	16,466	5,060	5,761	0	0
California	18,977	20,019	-5.2%	NM	NM	14,059	14,412	4,888	5,574	0	0
Oregon	2,509	2,435	3.0%	629	636	1,708	1,613	172	187	0	0
Washington	467	442	5.7%	0	0	467	442	0	0	0	0
Pacific Noncontiguous	395	354	12.0%	0	0	0	0	395	354	0	0
Alaska	395	354	12.0%	0	0	0	0	395	354	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	94,383	97,868	-3.6%	9,572	9,475	77,422	80,114	6,229	6,999	1,159	1,280

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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 2.13.A. Consumption of Biogenic Municipal Solid Waste for Electricity Generation by State, by Sector, June 2024 and June 2023 (Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	247	246	0.7%	0	0	159	156	88	90	0	0
Connecticut	70	67	5.0%	0	0	70	67	0	0	0	0
Maine	12	13	-11.0%	0	0	8	10	3	4	0	0
Massachusetts	155	156	-0.4%	0	0	70	69	85	87	0	0
New Hampshire	10	9	6.2%	0	0	10	9	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	420	409	2.8%	0	0	171	173	249	236	0	0
New Jersey	111	109	2.0%	0	0	32	30	80	80	0	0
New York	148	149	-0.2%	0	0	22	24	126	124	0	0
Pennsylvania	160	151	6.2%	0	0	117	119	43	32	0	0
East North Central	15	15	-0.2%	3	3	0	0	11	11	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	4.7%	0	0	0	0	1	1	0	0
Michigan	10	10	1.8%	0	0	0	0	10	10	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	3	-7.6%	3	3	0	0	0	0	0	0
West North Central	43	42	2.4%	24	22	20	20	NM	NM	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	43	42	2.4%	24	22	20	20	NM	NM	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	--	0	0	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	360	404	-11.0%	0	0	186	212	174	192	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	234	269	-13.0%	0	0	144	165	90	103	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	41	47	-11.0%	0	0	41	47	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	85	89	-4.8%	0	0	0	0	85	89	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	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	26	34	-21.0%	0	0	20	22	7	11	0	0
California	7	19	-65.0%	0	0	0	8	7	11	0	0
Oregon	6	4	46.0%	0	0	6	4	0	0	0	0
Washington	14	10	31.0%	0	0	14	10	0	0	0	0
Pacific Noncontiguous	22	28	-20.0%	0	0	0	0	22	28	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	22	28	-20.0%	0	0	0	0	22	28	0	0
U.S. Total	1,134	1,177	-3.6%	27	26	555	582	552	569	0	0

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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 2.13.B. Consumption of Biogenic Municipal Solid Waste for Electricity Generation by State, by Sector, Year-to-Date through June 2024 and June 2023 (Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	1,462	1,435	1.9%	0	0	950	926	512	509	0	0
Connecticut	427	414	3.2%	0	0	427	414	0	0	0	0
Maine	72	80	-10.0%	0	0	51	53	21	27	0	0
Massachusetts	909	888	2.4%	0	0	418	405	492	482	0	0
New Hampshire	54	54	1.0%	0	0	54	54	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	2,417	2,298	5.2%	0	0	990	982	1,427	1,316	0	0
New Jersey	646	612	5.6%	0	0	173	168	474	444	0	0
New York	853	803	6.3%	0	0	148	146	705	656	0	0
Pennsylvania	918	883	3.9%	0	0	670	667	248	216	0	0
East North Central	82	81	1.5%	18	17	0	0	64	64	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	8	8	-5.7%	0	0	0	0	8	8	0	0
Michigan	56	55	1.8%	0	0	0	0	56	55	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	18	17	3.9%	18	17	0	0	0	0	0	0
West North Central	213	214	-0.6%	110	112	103	102	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	213	214	-0.6%	110	112	103	102	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	2,188	2,308	-5.2%	0	0	1,138	1,237	1,050	1,071	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	1,412	1,550	-8.9%	0	0	862	987	550	563	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	276	250	10.0%	0	0	276	250	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	500	508	-1.6%	0	0	0	0	500	508	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	0	--	0	0	0	0	2	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	2	0	--	0	0	0	0	2	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	175	248	-29.0%	0	0	125	189	50	59	0	0
California	60	137	-56.0%	0	0	10	78	50	59	0	0
Oregon	38	38	0.1%	0	0	38	38	0	0	0	0
Washington	77	73	5.9%	0	0	77	73	0	0	0	0
Pacific Noncontiguous	169	180	-6.4%	0	0	0	0	169	180	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	169	180	-6.4%	0	0	0	0	169	180	0	0
U.S. Total	6,708	6,764	-0.8%	128	129	3,305	3,436	3,275	3,199	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.

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 2.14.A. Consumption of Wood / Wood Waste Biomass for Electricity Generation by State, by Sector, June 2024 and June 2023 (Billion Btus)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	2,134	2,220	-3.9%	202	204	1,752	1,778	0	0	180	239
Connecticut	NM	NM	NM	0	0	NM	NM	0	0	0	0
Maine	892	974	-8.4%	0	0	712	736	0	0	180	239
Massachusetts	NM	NM	NM	0	0	NM	NM	0	0	0	0
New Hampshire	720	728	-1.2%	0	0	720	728	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	338	351	-3.5%	202	204	NM	NM	0	0	0	0
Middle Atlantic	168	159	6.0%	0	0	0	0	0	0	168	158
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	72	49	46.0%	0	0	0	0	0	0	72	49
Pennsylvania	96	109	-12.0%	0	0	0	0	0	0	96	109
East North Central	1,819	1,862	-2.3%	539	589	873	897	0	0	408	376
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	1,131	1,108	2.1%	0	0	868	892	0	0	263	216
Ohio	47	62	-24.0%	0	0	4	5	0	0	43	58
Wisconsin	641	691	-7.3%	539	589	0	0	0	0	102	102
West North Central	449	460	-2.4%	NM	NM	99	95	66	62	272	296
Iowa	7	0	--	0	0	0	0	7	0	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	389	406	-4.1%	NM	NM	99	95	28	28	251	276
Missouri	32	34	-6.6%	0	0	0	0	32	34	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	NM	NM	NM	0	0	0	0	0	0	NM	NM
South Atlantic	9,208	8,994	2.4%	1,815	1,659	2,752	3,001	0	6	4,641	4,329
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	1,071	1,044	2.6%	621	442	0	0	0	0	451	602
Georgia	3,640	3,524	3.3%	0	0	1,651	1,738	0	0	1,988	1,786
Maryland	0	6	-100.0%	0	0	0	0	0	6	0	0
North Carolina	690	775	-11.0%	0	0	306	344	0	0	383	431
South Carolina	1,279	1,206	6.0%	0	0	450	545	0	0	829	662
Virginia	2,527	2,440	3.6%	1,195	1,217	344	374	0	0	989	849
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	2,571	2,511	2.4%	0	0	0	0	0	0	2,571	2,511
Alabama	1,800	1,712	5.1%	0	0	0	0	0	0	1,800	1,712
Kentucky	129	124	4.3%	0	0	0	0	0	0	129	124
Mississippi	466	492	-5.4%	0	0	0	0	0	0	466	492
Tennessee	176	183	-4.0%	0	0	0	0	0	0	176	183
West South Central	2,430	2,236	8.7%	686	680	0	0	0	0	1,744	1,556
Arkansas	338	284	19.0%	0	0	0	0	0	0	338	284
Louisiana	933	846	10.0%	0	0	0	0	0	0	933	846
Oklahoma	153	127	21.0%	0	0	0	0	0	0	153	127
Texas	1,006	979	2.7%	686	680	0	0	0	0	320	300
Mountain	238	442	-46.0%	0	0	192	298	0	0	46	144
Arizona	NM	NM	NM	0	0	NM	NM	0	0	0	0
Colorado	0	80	-100.0%	0	0	0	80	0	0	0	0
Idaho	35	142	-75.0%	0	0	9	20	0	0	27	123
Montana	20	22	-7.3%	0	0	0	0	0	0	20	22
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	4,053	4,746	-15.0%	301	321	2,192	2,637	0	0	1,561	1,788
California	2,794	3,221	-13.0%	0	0	1,963	2,395	0	0	831	826
Oregon	588	596	-1.5%	0	0	NM	NM	0	0	359	354
Washington	672	929	-28.0%	301	321	0	0	0	0	371	608
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	23,119	23,681	-2.4%	3,555	3,459	7,908	8,757	66	68	11,591	11,398

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 2.14.B. Consumption of Wood / Wood Waste Biomass for Electricity Generation by State, by Sector, Year-to-Date through June 2024 and June 2023 (Billion Btus)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	12,704	13,382	-5.1%	1,355	1,443	9,981	10,346	5	3	1,364	1,590
Connecticut	464	481	-3.4%	0	0	464	481	0	0	0	0
Maine	5,672	6,047	-6.2%	0	0	4,308	4,457	0	0	1,364	1,590
Massachusetts	292	302	-3.4%	0	0	292	302	0	0	0	0
New Hampshire	4,087	4,253	-3.9%	0	0	4,087	4,253	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	2,189	2,298	-4.8%	1,355	1,443	830	853	5	3	0	0
Middle Atlantic	1,247	2,656	-53.0%	0	0	1	1,409	0	0	1,246	1,247
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	417	1,774	-76.0%	0	0	0	1,408	0	0	417	366
Pennsylvania	830	882	-5.9%	0	0	1	1	0	0	829	880
East North Central	9,299	9,899	-6.1%	2,197	2,639	4,639	4,845	0	0	2,463	2,415
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	6,177	6,204	-0.4%	0	0	4,618	4,817	0	0	1,560	1,387
Ohio	294	424	-31.0%	0	0	21	28	0	0	273	396
Wisconsin	2,828	3,271	-14.0%	2,197	2,639	0	0	0	0	631	632
West North Central	2,549	2,477	2.9%	53	NM	602	577	263	271	1,631	1,572
Iowa	28	22	27.0%	0	0	0	0	28	22	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	2,275	2,231	2.0%	53	NM	602	577	114	146	1,506	1,449
Missouri	121	102	18.0%	0	0	0	0	121	102	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	125	122	2.3%	0	0	0	0	0	0	125	122
South Atlantic	53,979	55,329	-2.4%	9,706	9,389	17,267	18,395	0	42	27,006	27,503
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	5,501	5,676	-3.1%	2,631	2,126	0	0	0	0	2,870	3,549
Georgia	22,400	22,324	0.3%	0	0	10,719	10,943	0	0	11,682	11,382
Maryland	0	42	-100.0%	0	0	0	0	0	42	0	0
North Carolina	4,092	4,635	-12.0%	0	0	1,644	1,947	0	0	2,447	2,688
South Carolina	7,430	7,651	-2.9%	0	0	2,734	3,271	0	0	4,695	4,381
Virginia	14,557	15,000	-3.0%	7,075	7,263	2,170	2,235	0	0	5,311	5,503
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	15,214	15,115	0.7%	0	0	0	0	0	0	15,214	15,115
Alabama	10,632	10,456	1.7%	0	0	0	0	0	0	10,632	10,456
Kentucky	805	757	6.2%	0	0	0	0	0	0	805	757
Mississippi	2,849	3,020	-5.7%	0	0	0	0	0	0	2,849	3,020
Tennessee	929	882	5.3%	0	0	0	0	0	0	929	882
West South Central	11,839	11,250	5.2%	1,601	1,366	0	0	0	0	10,238	9,883
Arkansas	1,997	1,774	13.0%	0	0	0	0	0	0	1,997	1,774
Louisiana	5,521	5,447	1.3%	0	0	0	0	0	0	5,521	5,447
Oklahoma	818	788	3.8%	0	0	0	0	0	0	818	788
Texas	3,503	3,240	8.1%	1,601	1,366	0	0	0	0	1,902	1,874
Mountain	2,100	2,538	-17.0%	0	0	1,384	1,696	0	0	716	842
Arizona	1,147	1,181	-2.8%	0	0	1,147	1,181	0	0	0	0
Colorado	209	453	-54.0%	0	0	209	453	0	0	0	0
Idaho	672	792	-15.0%	0	0	28	62	0	0	644	730
Montana	72	112	-35.0%	0	0	0	0	0	0	72	112
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	24,624	26,920	-8.5%	1,782	1,828	13,444	14,613	0	0	9,397	10,478
California	16,914	17,972	-5.9%	0	0	12,117	13,254	0	0	4,796	4,718
Oregon	3,522	3,426	2.8%	0	0	1,327	1,359	0	0	2,196	2,067
Washington	4,188	5,522	-24.0%	1,782	1,828	0	0	0	0	2,405	3,693
Pacific Noncontiguous	271	NM	NM	0	0	271	NM	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	271	NM	NM	0	0	271	NM	0	0	0	0
U.S. Total	133,826	139,841	-4.3%	16,694	16,724	47,589	52,157	268	316	69,276	70,644

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.

Chapter 3

Fossil-Fuel Stocks for Electricity Generation

Table 3.1. Stocks of Coal, Petroleum Liquids, and Petroleum Coke: Electric Power Sector, 2014 - June 2024

Period	Electric Power Sector			Electric Utilities			Independent Power Producers		
	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)	Coal (Thousand Tons)	Petroleum Liquids (Thousand Barrels)	Petroleum Coke (Thousand Tons)
End of Year Stocks									
2014	151,548	32,322	827	116,684	21,304	686	34,864	11,018	142
2015	195,548	31,694	1,340	153,226	20,253	1,163	42,322	11,441	177
2016	162,009	30,593	845	130,885	19,767	603	31,124	10,827	241
2017	137,687	28,089	864	114,782	19,047	692	22,905	9,041	171
2018	102,793	25,977	539	84,728	16,553	521	18,065	9,423	19
2019	128,102	25,960	471	104,265	16,435	428	23,837	9,525	43
2020	131,431	26,063	298	107,965	15,941	273	23,466	10,123	25
2021	91,884	26,002	302	75,231	15,634	290	16,653	10,368	12
2022	88,861	22,812	318	74,917	14,204	297	13,943	8,608	21
2023	131,426	22,812	428	109,954	14,148	421	21,472	8,664	7
Year 2022, End of Month Stocks									
January	84,541	24,166	336	70,468	14,938	324	14,073	9,228	12
February	81,034	24,252	299	68,800	15,159	287	12,234	9,092	12
March	86,143	23,755	350	73,271	15,156	340	12,872	8,599	10
April	90,746	23,758	424	76,913	15,311	416	13,833	8,446	8
May	92,692	24,025	454	78,852	15,053	425	13,840	8,972	29
June	86,869	24,078	423	73,119	15,309	408	13,750	8,769	16
July	79,172	25,707	474	66,434	15,384	459	12,738	10,323	15
August	75,570	22,794	490	64,278	14,882	479	11,292	7,912	11
Sept	79,354	22,484	405	67,442	14,704	397	11,912	7,780	8
October	87,342	22,771	351	73,276	14,779	344	14,066	7,992	7
November	93,203	23,678	408	78,597	14,925	393	14,605	8,753	15
December	88,861	22,812	318	74,917	14,204	297	13,943	8,608	21
Year 2023, End of Month Stocks									
January	92,604	24,053	374	77,001	14,787	360	15,603	9,267	14
February	99,700	24,296	368	82,181	14,931	356	17,519	9,365	12
March	109,004	23,593	513	89,846	14,802	505	19,158	8,791	8
April	118,035	23,545	607	97,176	14,765	598	20,859	8,780	9
May	126,414	23,326	600	104,282	14,590	592	22,132	8,735	9
June	127,710	23,556	533	104,960	14,752	525	22,749	8,804	8
July	121,590	23,574	441	100,325	14,827	435	21,265	8,747	6
August	118,144	22,904	356	98,068	14,429	348	20,076	8,475	8
Sept	116,635	22,876	279	96,684	14,473	273	19,951	8,403	6
October	121,621	22,737	284	101,093	14,306	279	20,527	8,431	5
November	131,266	22,749	362	109,892	14,153	357	21,374	8,596	5
December	131,426	22,812	428	109,954	14,148	421	21,472	8,664	7
Year 2024, End of Month Stocks									
January	121,722	22,238	312	102,168	13,676	306	19,554	8,563	6
February	127,107	22,410	309	105,995	13,703	301	21,112	8,706	8
March	133,607	22,320	333	110,604	13,696	328	23,004	8,623	5
April	136,940	22,224	309	113,232	13,724	302	23,708	8,501	7
May	137,759	22,110	313	114,349	13,552	307	23,410	8,558	6
June	133,475	22,277	322	110,559	13,675	317	22,916	8,602	5

Notes: See Glossary for definitions. Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

See Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms. Totals may not equal sum of components because of independent rounding.

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

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

**Table 3.2 Stocks of Coal, Petroleum Liquids, and Petroleum Coke:
Electric Power Sector, by State, June 2024 and 2023**

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	June 2024	June 2023	Percentage Change	June 2024	June 2023	Percentage Change	June 2024	June 2023	Percentage Change
New England	W	W	W	2,492	2,386	4.4%	0	0	--
Connecticut	0	0	--	1,044	925	12.9%	0	0	--
Maine	0	0	--	248	263	-5.5%	0	0	--
Massachusetts	0	0	--	865	902	-4.1%	0	0	--
New Hampshire	W	W	W	199	141	41.5%	0	0	--
Rhode Island	0	0	--	124	128	-3.6%	0	0	--
Vermont	0	0	--	12	27	-56.4%	0	0	--
Middle Atlantic	2,167	2,904	-25.4%	4,716	4,316	9.3%	0	0	--
New Jersey	0	0	--	414	434	-4.6%	0	0	--
New York	0	0	--	3,216	2,725	18.0%	0	0	--
Pennsylvania	2,167	2,904	-25.4%	1,086	1,157	-6.2%	0	0	--
East North Central	26,463	25,958	1.9%	819	1,788	-54.2%	W	W	W
Illinois	5,780	4,727	22.3%	74	73	1.4%	0	0	--
Indiana	8,978	9,463	-5.1%	99	467	-78.8%	0	0	--
Michigan	4,504	3,982	13.1%	180	193	-7.0%	W	W	W
Ohio	3,741	4,131	-9.4%	291	318	-8.4%	0	0	--
Wisconsin	3,459	3,655	-5.4%	175	737	-76.2%	W	W	W
West North Central	27,552	24,993	10.2%	906	950	-4.6%	0	0	--
Iowa	6,065	4,938	22.8%	69	85	-18.6%	0	0	--
Kansas	5,364	4,618	16.1%	247	221	12.0%	0	0	--
Minnesota	3,041	2,946	3.2%	75	99	-24.5%	0	0	--
Missouri	7,101	7,036	0.9%	356	379	-6.0%	0	0	--
Nebraska	3,851	3,318	16.1%	56	78	-27.9%	0	0	--
North Dakota	W	W	W	37	34	8.0%	0	0	--
South Dakota	W	W	W	65	54	21.2%	0	0	--
South Atlantic	19,002	19,149	-0.8%	8,763	9,072	-3.4%	W	W	W
Delaware	W	W	W	401	405	-1.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	2,075	2,085	-0.5%	3,759	3,842	-2.2%	W	W	W
Georgia	W	W	W	1,244	1,202	3.6%	0	0	--
Maryland	W	896	W	619	596	3.9%	0	0	--
North Carolina	3,899	4,122	-5.4%	946	1,045	-9.4%	0	0	--
South Carolina	2,792	2,614	6.8%	486	543	-10.6%	0	0	--
Virginia	W	W	W	1,166	1,319	-11.6%	0	0	--
West Virginia	4,673	4,461	4.8%	141	120	17.8%	W	W	W
East South Central	13,094	13,034	0.5%	970	1,149	-15.6%	0	0	--
Alabama	3,891	3,231	20.4%	254	257	-1.2%	0	0	--
Kentucky	6,565	7,383	-11.1%	240	258	-6.9%	0	0	--
Mississippi	W	W	W	7	2	226.8%	0	0	--
Tennessee	W	W	W	470	632	-25.7%	0	0	--
West South Central	27,050	25,610	5.6%	1,841	2,029	-9.3%	W	W	W
Arkansas	4,535	4,829	-6.1%	163	157	3.8%	0	0	--
Louisiana	3,904	3,893	0.3%	197	197	0.2%	W	W	W
Oklahoma	4,424	3,678	20.3%	30	24	25.6%	0	0	--
Texas	14,187	13,209	7.4%	1,451	1,652	-12.1%	0	0	--
Mountain	W	W	W	301	321	-6.2%	W	W	W
Arizona	3,816	3,857	-1.1%	134	120	11.7%	0	0	--
Colorado	W	W	W	95	110	-13.9%	0	0	--
Idaho	0	0	--	0	0	-24.4%	0	0	--
Montana	W	W	W	13	11	16.0%	W	W	W
Nevada	W	W	W	2	3	-39.5%	0	0	--
New Mexico	0	0	--	2	4	-56.4%	0	0	--
Utah	4,127	3,206	28.7%	24	40	-40.2%	0	0	--
Wyoming	4,527	3,357	34.8%	32	33	-2.3%	0	0	--
Pacific Contiguous	W	W	W	311	349	-10.8%	0	0	--
California	0	0	--	158	180	-12.2%	0	0	--
Oregon	0	0	--	46	61	-24.2%	0	0	--
Washington	W	W	W	106	108	-1.0%	0	0	--
Pacific Noncontiguous	0	0	--	1,157	1,196	-3.3%	0	0	--
Alaska	0	0	--	4	14	-68.3%	0	0	--
Hawaii	0	0	--	1,153	1,182	-2.5%	0	0	--
U.S. Total	133,475	127,710	4.5%	22,277	23,556	-5.4%	322	533	-39.5%

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

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

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

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

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

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

**Table 3.3 Stocks of Coal, Petroleum Liquids, and Petroleum Coke:
Electric Power Sector, by Census Division, June 2024 and 2023**

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023
Coal (Thousand Tons)							
New England	W	W	W	0	0	W	W
Middle Atlantic	2,167	2,904	-25.4%	W	W	W	W
East North Central	26,463	25,958	1.9%	17,834	17,662	8,629	8,296
West North Central	27,552	24,993	10.2%	27,552	24,993	0	0
South Atlantic	19,002	19,149	-0.8%	18,004	W	998	W
East South Central	13,094	13,034	0.5%	13,094	13,034	0	0
West South Central	27,050	25,610	5.6%	17,592	17,558	9,459	8,051
Mountain	W	W	W	W	W	W	W
Pacific Contiguous	W	W	W	0	0	W	W
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	133,475	127,710	4.5%	110,559	104,960	22,916	22,749
Petroleum Liquids (Thousand Barrels)							
New England	2,492	2,386	4.4%	206	162	2,286	2,224
Middle Atlantic	4,716	4,316	9.3%	1,938	1,710	2,778	2,606
East North Central	819	1,788	-54.2%	591	1,178	228	610
West North Central	906	950	-4.6%	880	923	26	27
South Atlantic	8,763	9,072	-3.4%	6,778	7,080	1,985	1,992
East South Central	970	1,149	-15.6%	932	1,111	38	39
West South Central	1,841	2,029	-9.3%	713	872	1,129	1,157
Mountain	301	321	-6.2%	275	297	26	24
Pacific Contiguous	311	349	-10.8%	231	260	80	89
Pacific Noncontiguous	1,157	1,196	-3.3%	1,131	1,160	26	36
U.S. Total	22,277	23,556	-5.4%	13,675	14,752	8,602	8,804
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0
East North Central	W	W	W	W	W	0	0
West North Central	0	0	--	0	0	0	0
South Atlantic	W	W	W	W	W	W	W
East South Central	0	0	--	0	0	0	0
West South Central	W	W	W	W	W	0	0
Mountain	W	W	W	0	0	W	W
Pacific Contiguous	0	0	--	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	322	533	-39.5%	317	525	5	8

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, 2014 - June 2024
(Thousand Tons)**

Period	Electric Power Sector			Total
	Bituminous Coal	Subbituminous Coal	Lignite Coal	
End of Year Stocks				
2014	72,771	72,552	6,225	151,548
2015	82,004	108,614	4,931	195,548
2016	67,241	90,376	4,393	162,009
2017	56,140	77,875	3,672	137,687
2018	41,507	58,247	3,039	102,793
2019	54,769	69,942	3,124	128,102
2020	50,649	77,033	3,556	131,431
2021	34,560	54,726	2,598	91,884
2022	35,194	50,704	2,956	88,861
2023	44,522	83,240	3,437	131,426
Year 2022, End of Month Stocks				
January	30,697	51,157	2,686	84,541
February	29,288	49,029	2,717	81,034
March	31,687	51,304	3,152	86,143
April	33,868	53,609	3,269	90,746
May	33,202	56,289	3,191	92,692
June	30,392	53,338	3,129	86,869
July	28,769	47,358	3,040	79,172
August	28,730	44,005	2,826	75,570
Sept	30,766	45,802	2,776	79,354
October	34,061	50,366	2,905	87,342
November	35,998	54,329	2,867	93,203
December	35,194	50,704	2,956	88,861
Year 2023, End of Month Stocks				
January	37,881	51,702	3,014	92,604
February	40,038	56,636	3,022	99,700
March	41,609	64,400	2,990	109,004
April	41,713	72,777	3,330	118,035
May	44,954	77,744	3,499	126,414
June	46,150	77,739	3,600	127,710
July	42,674	75,197	3,497	121,590
August	42,328	72,179	3,423	118,144
Sept	41,001	72,171	3,246	116,635
October	43,240	74,979	3,183	121,621
November	47,009	80,638	3,391	131,266
December	44,522	83,240	3,437	131,426
Year 2024, End of Month Stocks				
January	40,861	77,407	3,218	121,722
February	42,660	81,091	3,122	127,107
March	45,406	84,734	3,230	133,607
April	46,718	86,603	3,385	136,940
May	47,228	86,984	3,309	137,759
June	45,077	84,783	3,372	133,475

Notes: See Glossary for definitions.

Values for 2022 and prior years are final. Values for 2023 and 2024 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.

Chapter 4

Receipts and Cost of Fossil Fuels

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels: Total (All Sectors), 2014 - June 2024

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
Annual Totals												
2014	16,594,722	854,560	2.37	45.96	1.32	98.0	172,421	28,514	19.87	120.26	0.46	82.3
2015	15,086,208	782,929	2.22	42.86	1.29	103.5	147,647	24,320	11.49	69.79	0.48	75.8
2016	12,516,272	650,770	2.11	40.64	1.34	93.8	101,810	16,807	9.39	56.89	0.49	68.1
2017	12,261,029	642,364	2.06	39.27	1.28	94.7	96,977	16,127	11.86	71.35	0.49	68.0
2018	11,371,117	596,215	2.06	39.25	1.31	91.7	134,069	22,290	14.42	86.80	0.42	71.4
2019	10,745,991	560,153	2.02	38.70	1.31	101.8	88,662	14,711	13.62	82.12	0.49	64.0
2020	8,329,180	439,636	1.92	36.36	1.28	98.6	77,184	12,864	9.76	58.55	0.49	65.2
2021	8,753,931	461,477	1.98	37.48	1.30	90.2	97,464	16,302	14.71	87.98	0.50	68.8
2022	8,876,242	469,718	2.36	44.69	1.28	97.3	116,941	19,362	23.81	143.90	0.46	58.8
2023	8,041,287	426,470	2.52	47.52	1.23	107.6	101,803	16,746	20.12	122.43	0.46	69.7
Year 2022												
January	748,490	40,043	2.20	41.14	1.21	80.5	15,788	2,634	17.75	106.45	0.44	46.7
February	681,147	36,139	2.17	40.91	1.18	88.4	11,156	1,843	18.43	111.66	0.45	80.0
March	742,161	38,990	2.15	40.98	1.29	110.2	7,340	1,213	22.37	135.30	0.50	58.7
April	672,360	35,230	2.18	41.64	1.35	110.8	7,294	1,200	26.32	160.05	0.50	68.9
May	735,568	38,856	2.23	42.27	1.33	107.6	5,935	981	27.93	168.98	0.49	51.7
June	719,549	38,159	2.32	43.68	1.31	89.5	8,884	1,465	28.80	174.88	0.48	71.5
July	758,950	40,292	2.47	46.53	1.32	80.0	8,652	1,433	29.11	175.78	0.50	60.2
August	827,629	43,801	2.51	47.38	1.29	88.8	8,178	1,354	26.26	158.61	0.50	63.3
Sept	786,290	41,593	2.51	47.42	1.29	108.9	8,245	1,356	24.33	147.96	0.47	66.5
October	776,764	41,185	2.46	46.42	1.28	127.2	9,342	1,536	23.53	143.20	0.45	72.1
November	717,670	38,063	2.48	46.73	1.22	114.3	9,890	1,643	26.21	157.82	0.44	81.7
December	709,662	37,366	2.65	50.25	1.32	87.4	16,237	2,704	21.53	129.24	0.41	41.4
Year 2023												
January	723,669	38,041	2.60	49.40	1.26	104.5	13,452	2,237	21.84	131.41	0.48	102.8
February	637,812	33,783	2.60	49.04	1.27	122.0	9,911	1,631	20.13	122.48	0.46	71.2
March	710,779	37,677	2.51	47.30	1.26	127.9	7,305	1,200	20.48	124.66	0.52	58.2
April	631,282	33,546	2.48	46.67	1.24	142.1	6,987	1,142	19.36	118.44	0.48	61.6
May	636,634	33,557	2.52	47.77	1.24	127.3	7,463	1,228	18.78	114.11	0.49	63.9
June	645,337	34,165	2.47	46.71	1.23	99.8	7,391	1,214	17.66	107.49	0.48	66.4
July	697,637	37,298	2.49	46.50	1.19	82.4	8,601	1,397	17.39	107.07	0.43	73.7
August	734,722	38,969	2.50	47.17	1.21	87.3	7,104	1,167	19.95	121.91	0.43	59.1
Sept	656,950	34,791	2.54	47.93	1.18	99.5	7,606	1,241	22.58	138.51	0.42	66.5
October	647,912	34,359	2.54	47.88	1.22	113.1	7,130	1,166	22.12	135.32	0.41	59.1
November	663,778	35,400	2.52	47.23	1.22	116.5	8,048	1,329	21.06	127.59	0.44	66.8
December	654,774	34,884	2.49	46.67	1.25	106.4	10,804	1,794	19.42	117.14	0.44	82.4
Year 2024												
January	600,991	32,169	2.49	46.48	1.22	74.2	10,076	1,669	18.91	114.13	0.46	50.7
February	566,897	30,314	2.49	46.63	1.20	113.6	6,341	1,042	19.55	118.95	0.47	61.4
March	535,574	28,041	2.51	47.91	1.32	121.2	6,020	982	19.92	122.15	0.47	55.7
April	469,122	24,509	2.54	48.70	1.35	111.7	6,239	1,020	19.63	120.08	0.46	55.0
May	515,851	26,820	2.57	49.47	1.37	98.8	6,495	1,070	19.01	115.39	0.41	54.4
June	556,372	29,146	2.52	48.11	1.36	82.8	6,530	1,071	17.95	109.45	0.44	54.8
Year to Date												
2022	4,299,277	227,418	2.21	41.77	1.28	96.1	56,397	9,336	22.72	137.34	0.47	59.5
2023	3,985,513	210,770	2.53	47.84	1.25	118.6	52,510	8,652	19.96	121.21	0.49	71.3
2024	3,244,809	170,999	2.52	47.81	1.30	96.4	41,700	6,854	19.12	116.36	0.45	54.7
Rolling 12 Months Ending in June												
2023	8,562,479	453,070	2.52	47.62	1.27	106.8	113,054	18,678	22.51	136.27	0.47	63.6
2024	7,300,582	386,699	2.52	47.48	1.25	97.7	90,994	14,948	19.76	120.34	0.44	61.3

Displayed values of zero may represent small values that round to zero.

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

W = Withheld to avoid disclosure of individual company data.

Notes:

Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:

COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.

PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

- See Glossary for definitions.

- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

- See the Technical Notes for fuel conversion factors.

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

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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), 2014 - June 2024 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Percentage of Consumption	Average Cost
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)		(Dollars per MMBtu)
Annual Totals												
2014	147,310	5,195	1.98	56.23	5.56	91.2	8,679,286	8,431,423	5.00	5.14	89.6	3.31
2015	138,668	4,897	1.84	52.11	5.25	94.4	10,173,502	9,842,581	3.23	3.34	89.9	2.65
2016	116,942	4,166	1.65	46.30	5.40	77.9	10,619,105	10,271,180	2.87	2.97	90.7	2.47
2017	92,837	3,309	2.13	59.90	5.56	74.1	9,951,815	9,628,733	3.37	3.49	90.2	2.65
2018	85,122	3,010	2.54	71.76	5.74	66.1	11,253,502	10,894,849	3.55	3.67	90.4	2.83
2019	56,294	1,969	1.91	54.59	5.51	55.3	12,104,890	11,704,743	2.88	2.98	91.4	2.50
2020	67,842	2,396	1.70	48.03	5.41	62.1	12,380,902	11,981,552	2.40	2.48	90.6	2.22
2021	64,891	2,296	3.16	89.27	5.24	60.0	11,966,785	11,578,254	5.20	5.38	91.0	3.82
2022	64,689	2,286	4.35	122.99	5.52	61.8	12,840,250	12,436,074	7.21	7.45	91.5	5.22
2023	40,716	1,450	4.05	113.73	5.61	58.5	12,532,201	12,143,774	3.36	3.47	84.1	3.11
Year 2022												
January	5,343	189	4.32	122.16	5.11	64.0	1,021,396	988,075	6.56	6.78	91.1	4.74
February	4,050	141	4.24	121.53	5.80	44.9	857,192	829,722	6.00	6.20	90.0	4.32
March	5,791	205	4.84	136.40	5.31	74.6	839,836	814,025	5.10	5.26	90.2	3.75
April	6,637	235	4.80	135.31	5.57	83.6	807,698	783,189	6.21	6.41	91.0	4.40
May	5,992	212	4.97	140.62	5.48	67.1	990,628	960,839	7.57	7.80	92.1	5.25
June	4,887	173	4.50	126.93	5.51	52.0	1,204,672	1,168,959	8.01	8.26	92.3	5.86
July	5,781	205	4.65	131.34	5.54	75.9	1,466,772	1,422,545	7.53	7.76	92.5	5.78
August	6,465	228	5.02	142.06	5.62	73.6	1,443,158	1,397,570	9.00	9.30	92.3	6.54
Sept	3,818	134	2.32	66.08	5.74	40.7	1,184,368	1,145,493	8.15	8.42	91.9	5.81
October	4,142	147	3.37	94.92	5.75	45.3	1,005,835	973,705	5.80	5.99	91.3	4.37
November	6,485	229	3.84	108.96	5.53	76.8	959,373	929,074	5.71	5.89	90.5	4.38
December	5,298	187	4.19	118.73	5.50	52.7	1,059,322	1,022,878	8.92	9.24	91.3	6.38
Year 2023												
January	4,871	176	4.54	126.02	5.67	85.4	971,828	939,064	7.07	7.32	85.3	5.19
February	3,886	136	4.80	136.95	5.62	74.2	866,448	839,005	4.39	4.53	84.7	3.71
March	4,905	172	4.66	132.76	5.71	99.5	918,899	890,394	3.35	3.46	83.8	3.05
April	4,768	168	4.70	133.61	5.72	106.9	848,578	822,855	2.69	2.78	83.8	2.69
May	1,985	72	3.14	86.86	5.76	41.4	969,622	940,736	2.54	2.62	84.4	2.61
June	1,853	66	3.48	98.25	5.77	33.2	1,118,676	1,084,790	2.58	2.66	83.4	2.60
July	2,787	100	3.62	101.16	5.45	32.6	1,365,367	1,322,828	2.97	3.06	82.7	2.86
August	2,311	84	3.39	93.79	5.73	26.6	1,367,426	1,325,123	2.92	3.01	83.3	2.82
Sept	3,289	118	3.76	104.81	5.48	42.4	1,142,616	1,109,256	2.86	2.94	84.2	2.82
October	2,404	86	3.84	107.56	5.50	48.4	988,151	958,808	2.93	3.02	84.1	2.86
November	3,097	111	3.60	100.64	5.35	81.6	951,139	921,492	3.38	3.49	84.3	3.11
December	4,559	163	3.39	94.99	5.53	92.3	1,023,452	989,423	3.27	3.39	85.8	3.06
Year 2024												
January	909	33	2.65	73.16	5.53	17.5	1,108,447	1,070,960	4.80	4.97	84.0	4.02
February	1,385	50	2.63	73.05	5.56	34.8	910,552	879,903	2.88	2.98	84.7	2.80
March	1,054	38	2.63	73.51	5.49	38.2	906,805	877,652	2.18	2.26	84.3	2.38
April	1,078	38	2.62	73.50	5.51	27.1	850,135	824,464	2.05	2.11	82.2	2.32
May	2,177	78	2.86	80.18	5.46	47.7	1,002,104	972,787	2.26	2.33	83.7	2.45
June	3,620	127	3.11	88.55	5.54	61.8	1,177,548	1,141,136	2.69	2.77	84.0	2.69
Year to Date												
2022	32,699	1,156	4.65	131.39	5.45	63.7	5,721,422	5,544,809	6.69	6.90	91.2	4.77
2023	22,268	789	4.44	125.12	5.70	72.4	5,694,050	5,516,844	3.75	3.87	84.2	3.32
2024	10,223	364	2.85	80.09	5.52	38.7	5,955,590	5,766,902	2.86	2.95	83.8	2.81
Rolling 12 Months Ending in June												
2023	54,258	1,919	4.20	118.81	5.64	64.5	12,812,879	12,408,109	5.92	6.11	88.2	4.57
2024	28,670	1,024	3.32	93.00	5.51	44.0	12,793,741	12,393,832	2.96	3.05	83.9	2.87

Displayed values of zero may represent small values that round to zero.

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

W = Withheld to avoid disclosure of individual company data.

Notes:

Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:

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

NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

- See Glossary for definitions.

- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

- See the Technical Notes for fuel conversion factors.

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

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - June 2024

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
Annual Totals												
2014	12,064,810	614,728	2.39	46.95	1.21	98.3	98,357	16,161	19.90	121.14	0.44	82.0
2015	11,088,631	571,707	2.25	43.71	1.17	105.8	90,041	14,747	11.32	69.13	0.46	79.2
2016	9,256,878	476,207	2.16	42.01	1.21	95.4	73,294	11,985	9.16	56.02	0.45	74.0
2017	9,011,629	467,595	2.12	40.81	1.16	96.0	70,422	11,640	11.60	70.19	0.47	74.4
2018	8,351,036	435,964	2.11	40.35	1.18	91.6	84,050	13,896	14.39	87.09	0.37	75.3
2019	7,970,069	413,915	2.08	39.99	1.18	103.1	66,789	11,010	13.40	81.29	0.46	69.9
2020	6,256,811	327,488	1.96	37.49	1.15	100.2	56,530	9,371	9.84	59.37	0.47	67.1
2021	6,448,846	338,205	2.03	38.68	1.14	90.2	69,111	11,468	14.53	87.56	0.47	67.7
2022	6,594,794	346,120	2.41	45.96	1.15	98.4	73,400	12,131	24.43	147.80	0.48	65.6
2023	6,190,928	324,205	2.57	49.06	1.15	110.9	73,960	12,172	20.24	122.97	0.46	77.3
Year 2022												
January	546,113	29,056	2.24	42.12	1.06	81.3	6,596	1,103	17.23	103.03	0.46	46.9
February	500,644	26,344	2.19	41.69	1.05	91.5	6,361	1,045	18.65	113.52	0.48	83.4
March	537,576	28,123	2.18	41.71	1.14	115.4	5,580	926	22.53	135.80	0.49	70.7
April	486,354	25,278	2.24	43.02	1.17	113.7	5,684	934	26.28	159.85	0.48	84.8
May	552,474	28,904	2.29	43.87	1.16	108.7	4,509	747	28.14	169.81	0.48	58.4
June	537,295	28,300	2.35	44.64	1.14	88.2	7,089	1,166	28.58	173.77	0.48	90.3
July	557,748	29,313	2.47	47.07	1.18	76.9	6,739	1,115	28.96	175.11	0.48	80.8
August	627,619	32,918	2.53	48.27	1.19	90.2	5,736	947	26.06	157.81	0.47	72.6
Sept	599,306	31,443	2.60	49.50	1.17	110.8	5,857	966	24.83	150.60	0.48	71.8
October	579,715	30,502	2.53	48.08	1.16	129.7	6,272	1,028	23.81	145.25	0.48	74.8
November	542,727	28,448	2.55	48.63	1.14	121.1	5,760	953	26.15	158.05	0.46	70.9
December	527,223	27,491	2.69	51.67	1.22	86.5	7,217	1,202	23.01	138.22	0.48	38.2
Year 2023												
January	556,371	29,179	2.65	50.60	1.13	106.2	9,853	1,639	21.92	131.75	0.47	116.2
February	479,262	25,198	2.67	50.86	1.16	125.0	6,212	1,031	22.06	132.90	0.48	79.3
March	546,979	28,703	2.54	48.35	1.19	134.6	5,500	907	20.63	125.12	0.48	70.5
April	478,808	25,008	2.51	48.15	1.16	154.3	5,221	853	19.27	117.91	0.47	70.0
May	483,321	25,161	2.55	49.03	1.14	135.1	5,724	945	18.82	113.95	0.48	73.2
June	501,196	26,136	2.51	48.18	1.16	99.8	5,927	974	17.45	106.17	0.47	75.1
July	548,801	28,883	2.54	48.20	1.13	83.1	6,695	1,085	17.07	105.34	0.44	87.6
August	579,776	30,274	2.55	48.89	1.15	88.7	4,579	748	19.78	121.06	0.47	53.8
Sept	514,726	26,869	2.59	49.69	1.12	102.1	5,788	943	22.68	139.26	0.43	76.4
October	501,460	26,157	2.59	49.68	1.15	118.4	4,966	814	22.22	135.62	0.40	60.9
November	504,315	26,520	2.58	48.98	1.15	124.9	5,312	878	21.69	131.32	0.43	65.5
December	495,913	26,116	2.53	48.07	1.17	109.3	8,183	1,355	19.16	115.72	0.45	96.7
Year 2024												
January	467,676	24,626	2.54	48.33	1.17	75.6	7,439	1,231	18.89	114.21	0.45	61.2
February	442,174	23,172	2.58	49.19	1.14	114.3	5,117	840	19.49	118.71	0.46	73.2
March	425,036	21,785	2.59	50.56	1.30	123.8	4,667	761	19.75	121.19	0.46	66.4
April	365,920	18,576	2.67	52.56	1.33	117.2	4,582	748	19.42	118.96	0.43	63.8
May	404,600	20,633	2.65	52.05	1.33	101.5	4,502	744	18.92	114.47	0.38	58.3
June	429,392	22,156	2.59	50.20	1.28	82.3	4,494	739	17.94	109.20	0.41	61.2
Year to Date												
2022	3,160,456	166,005	2.25	42.85	1.12	97.8	35,819	5,921	23.36	141.33	0.48	68.9
2023	3,045,937	159,386	2.57	49.21	1.16	122.6	38,437	6,350	20.25	122.56	0.48	81.4
2024	2,534,797	130,947	2.60	50.36	1.25	98.1	30,801	5,062	19.07	116.01	0.44	63.6
Rolling 12 Months Ending in June												
2023	6,480,275	339,501	2.57	49.01	1.17	108.9	76,018	12,560	22.81	138.08	0.47	71.0
2024	5,679,789	295,766	2.58	49.55	1.19	99.9	66,325	10,885	19.69	119.97	0.44	68.4

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W = Withheld to avoid disclosure of individual company data.

Notes:

Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:

COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.

PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

- See Glossary for definitions.

- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

- See the Technical Notes for fuel conversion factors.

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

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - June 2024 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2014	123,793	4,349	1.89	53.77	5.56	126.3	3,876,549	3,772,596	5.17	5.31	96.7	3.16
2015	115,929	4,069	1.77	50.44	5.23	130.1	4,717,748	4,565,040	3.52	3.64	96.0	2.67
2016	99,706	3,538	1.52	42.85	5.38	103.1	5,075,337	4,907,538	3.15	3.26	97.0	2.54
2017	90,481	3,224	2.15	60.31	5.55	117.6	4,794,383	4,640,827	3.62	3.74	96.8	2.68
2018	83,211	2,940	2.56	72.34	5.74	106.8	5,562,903	5,388,544	3.68	3.80	96.2	2.80
2019	54,266	1,896	1.92	54.88	5.50	91.0	6,038,432	5,842,392	3.03	3.13	97.0	2.53
2020	65,684	2,317	1.70	48.07	5.39	101.8	6,207,039	6,011,244	2.63	2.72	96.3	2.32
2021	64,891	2,296	3.16	89.27	5.24	98.0	5,901,472	5,713,855	5.21	5.39	96.4	3.60
2022	64,607	2,283	4.35	122.99	5.52	99.5	6,393,812	6,200,191	7.49	7.73	96.5	5.01
2023	40,716	1,450	4.05	113.73	5.61	108.5	6,086,739	5,907,853	3.85	3.96	86.4	3.31
Year 2022												
January	5,343	189	4.32	122.16	5.11	112.6	503,615	487,628	7.15	7.39	96.7	4.67
February	4,050	141	4.24	121.53	5.80	75.1	414,806	402,121	6.13	6.32	96.1	4.08
March	5,791	205	4.84	136.40	5.31	142.5	408,255	396,288	5.28	5.43	96.4	3.63
April	6,637	235	4.80	135.31	5.57	150.6	395,234	383,835	6.25	6.44	97.3	4.17
May	5,992	212	4.97	140.62	5.48	99.1	494,026	479,966	7.53	7.75	97.5	4.86
June	4,887	173	4.50	126.93	5.51	76.9	621,160	603,483	8.29	8.53	96.3	5.66
July	5,781	205	4.65	131.34	5.54	115.1	749,263	727,668	7.75	7.98	96.1	5.61
August	6,465	228	5.02	142.06	5.62	127.5	723,303	700,993	9.35	9.65	96.4	6.25
Sept	3,818	134	2.32	66.08	5.74	63.7	579,405	560,966	8.53	8.81	96.2	5.58
October	4,060	144	3.35	94.31	5.74	74.8	493,094	478,019	6.19	6.38	96.6	4.31
November	6,485	229	3.84	108.96	5.53	124.4	482,176	467,566	6.05	6.24	96.6	4.31
December	5,298	187	4.19	118.73	5.50	73.4	529,475	511,657	9.05	9.36	96.7	5.97
Year 2023												
January	4,871	176	4.54	126.02	5.67	151.3	469,418	453,837	8.69	8.98	88.9	5.55
February	3,886	136	4.80	136.95	5.62	125.8	410,830	398,400	4.95	5.10	87.5	3.85
March	4,905	172	4.66	132.76	5.71	228.6	442,406	429,205	3.76	3.88	87.0	3.19
April	4,768	168	4.70	133.61	5.72	218.3	415,834	404,210	3.05	3.13	86.8	2.87
May	1,985	72	3.14	86.86	5.76	94.2	487,945	474,217	2.87	2.95	86.6	2.80
June	1,853	66	3.48	98.25	5.77	61.3	551,525	535,472	2.93	3.01	85.0	2.81
July	2,787	100	3.62	101.16	5.45	50.5	672,471	652,468	3.27	3.37	83.9	3.02
August	2,311	84	3.39	93.79	5.73	42.4	683,450	663,413	3.30	3.40	84.3	3.02
Sept	3,289	118	3.76	104.81	5.48	67.3	550,651	535,792	3.30	3.39	86.0	3.07
October	2,404	86	3.84	107.56	5.50	112.5	473,957	460,990	3.34	3.43	86.4	3.05
November	3,097	111	3.60	100.64	5.35	228.6	440,879	428,220	3.82	3.93	87.4	3.26
December	4,559	163	3.39	94.99	5.53	199.5	487,373	471,630	3.76	3.89	89.5	3.27
Year 2024												
January	909	33	2.65	73.16	5.53	34.6	525,707	508,301	4.92	5.09	86.3	3.91
February	1,385	50	2.63	73.05	5.56	72.1	440,056	425,831	3.35	3.47	87.9	3.06
March	1,054	38	2.63	73.51	5.49	173.2	446,527	432,933	2.49	2.57	87.8	2.63
April	1,078	38	2.62	73.50	5.51	57.9	412,315	400,958	2.34	2.40	83.6	2.59
May	2,177	78	2.86	80.18	5.46	92.3	509,892	496,222	2.54	2.61	85.7	2.67
June	3,620	127	3.11	88.55	5.54	110.7	606,438	588,505	3.02	3.11	86.3	2.91
Year to Date												
2022	32,699	1,156	4.65	131.39	5.45	105.5	2,837,096	2,753,321	6.92	7.13	96.7	4.57
2023	22,268	789	4.44	125.12	5.70	141.0	2,777,957	2,695,341	4.33	4.47	86.9	3.53
2024	10,223	364	2.85	80.09	5.52	80.6	2,940,935	2,852,750	3.15	3.25	86.3	2.99
Rolling 12 Months Ending in June												
2023	54,176	1,916	4.20	118.80	5.64	109.0	6,334,673	6,142,211	6.37	6.56	92.0	4.54
2024	28,670	1,024	3.32	93.00	5.51	83.4	6,249,716	6,065,262	3.30	3.40	86.1	3.05

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Notes:

Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:

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

NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

- See Glossary for definitions.

- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

- See the Technical Notes for fuel conversion factors.

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

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - June 2024

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
Annual Totals												
2014	4,243,949	226,600	2.25	42.20	1.61	100.1	71,774	11,980	19.90	119.36	0.45	101.0
2015	3,731,508	198,982	2.10	39.39	1.66	100.5	55,248	9,189	11.69	70.36	0.46	86.5
2016	3,047,358	164,648	1.93	35.69	1.73	91.8	25,975	4,410	9.93	58.56	0.48	75.1
2017	3,056,215	165,567	1.85	34.19	1.64	93.1	24,704	4,190	12.67	74.73	0.46	73.8
2018	2,849,062	152,015	1.89	35.41	1.70	94.2	47,699	8,022	14.52	86.39	0.44	81.7
2019	2,629,405	139,141	1.81	34.16	1.74	101.6	20,188	3,425	14.40	84.89	0.50	73.0
2020	1,937,714	105,627	1.74	31.92	1.72	97.1	18,954	3,216	9.44	55.61	0.49	88.7
2021	2,163,331	116,480	1.79	33.35	1.79	92.0	25,972	4,447	15.38	89.84	0.47	101.6
2022	2,142,472	116,864	2.19	40.16	1.69	96.4	41,066	6,827	22.83	137.45	0.39	69.1
2023	1,726,352	96,088	2.29	41.19	1.53	101.4	24,980	4,106	20.11	122.75	0.38	88.6
Year 2022												
January	190,059	10,391	2.06	37.66	1.62	79.5	8,892	1,482	18.48	111.05	0.39	51.8
February	169,787	9,274	2.07	37.95	1.56	82.2	4,566	762	18.20	109.02	0.36	96.9
March	191,644	10,240	2.04	38.27	1.72	101.2	1,540	252	22.72	138.89	0.45	63.0
April	175,332	9,448	1.99	37.03	1.86	107.7	1,498	247	27.01	163.98	0.48	89.1
May	170,813	9,355	2.01	36.76	1.87	107.8	1,250	205	28.43	173.23	0.48	73.6
June	170,764	9,296	2.20	40.47	1.83	95.7	1,651	275	30.73	185.03	0.41	72.6
July	188,956	10,384	2.45	44.55	1.71	90.8	1,756	293	30.58	183.42	0.47	48.7
August	189,136	10,350	2.41	44.15	1.63	86.5	2,286	381	27.18	162.89	0.47	67.6
Sept	175,484	9,589	2.16	39.62	1.72	106.1	2,185	358	23.44	143.49	0.41	98.3
October	185,852	10,141	2.18	40.02	1.67	126.2	2,848	471	23.30	140.86	0.35	112.5
November	164,764	9,127	2.20	39.71	1.49	101.3	3,910	654	26.55	158.67	0.37	194.2
December	169,882	9,269	2.47	45.38	1.65	91.6	8,682	1,447	19.92	119.50	0.33	55.5
Year 2023												
January	156,195	8,313	2.36	44.43	1.71	103.2	3,264	542	22.01	132.88	0.42	160.8
February	147,634	8,061	2.25	41.37	1.64	119.0	3,366	545	16.69	103.54	0.39	80.1
March	153,230	8,449	2.32	42.11	1.54	114.7	1,365	220	21.17	131.15	0.47	56.5
April	141,123	7,974	2.28	40.36	1.50	119.7	1,466	240	20.18	123.46	0.37	71.4
May	142,737	7,876	2.33	42.29	1.60	112.8	1,430	232	19.31	118.84	0.43	60.5
June	133,987	7,498	2.29	41.04	1.52	102.6	1,371	225	18.64	113.46	0.47	79.5
July	139,185	7,916	2.26	39.73	1.45	80.9	1,765	290	18.69	113.88	0.38	69.3
August	144,837	8,180	2.25	39.94	1.46	83.6	2,388	397	20.47	124.57	0.28	120.2
Sept	133,508	7,491	2.25	40.04	1.41	94.2	1,664	274	22.77	139.09	0.31	70.8
October	135,988	7,681	2.29	40.62	1.50	101.8	1,933	314	22.12	136.06	0.33	82.1
November	149,493	8,391	2.29	40.80	1.46	99.9	2,537	419	19.88	120.50	0.39	118.0
December	148,435	8,259	2.29	41.25	1.53	101.8	2,430	408	20.65	123.78	0.30	116.8
Year 2024												
January	123,675	7,060	2.24	39.33	1.43	71.3	2,324	388	19.22	115.15	0.36	52.7
February	113,481	6,587	2.10	36.22	1.44	116.4	1,029	170	20.12	122.20	0.42	73.8
March	99,577	5,729	2.07	36.10	1.49	122.2	1,205	197	21.08	129.23	0.45	70.0
April	94,449	5,497	2.03	34.96	1.45	102.0	1,526	251	20.41	124.28	0.44	67.8
May	101,597	5,706	2.21	39.38	1.59	93.1	1,866	305	19.38	118.39	0.38	86.2
June	117,305	6,508	2.22	40.04	1.65	86.1	1,894	309	18.04	110.44	0.46	77.0
Year to Date												
2022	1,068,398	58,004	2.06	38.02	1.74	94.1	19,398	3,223	21.64	130.45	0.40	64.7
2023	874,907	48,171	2.31	41.96	1.59	111.7	12,263	2,005	19.53	119.73	0.42	83.2
2024	650,085	37,086	2.15	37.76	1.51	94.3	9,843	1,619	19.53	118.72	0.42	68.3
Rolling 12 Months Ending in June												
2023	1,948,981	107,031	2.31	42.13	1.62	104.2	33,931	5,609	22.10	133.78	0.39	76.8
2024	1,501,531	85,003	2.22	39.25	1.49	93.5	22,560	3,721	20.18	122.69	0.37	81.0

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Notes:

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COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.

PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

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Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - June 2024 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2014	13,781	488	2.48	70.31	5.33	70.9	4,054,540	3,934,672	4.90	5.05	92.7	3.52
2015	14,550	524	2.45	68.22	5.26	67.3	4,683,291	4,530,195	2.94	3.04	93.2	2.57
2016	13,573	492	2.50	68.88	5.44	69.9	4,791,729	4,634,518	2.54	2.63	94.0	2.29
2017	0	0	--	--	--	0.0	4,346,156	4,201,573	3.08	3.19	94.0	2.54
2018	0	0	--	--	--	0.0	4,889,212	4,727,692	3.40	3.52	94.6	2.84
2019	0	0	--	--	--	0.0	5,242,547	5,062,877	2.70	2.80	96.0	2.40
2020	0	0	--	--	--	0.0	5,359,545	5,178,938	2.10	2.17	96.1	2.01
2021	0	0	--	--	--	0.0	5,255,390	5,077,009	5.29	5.48	95.7	4.16
2022	0	0	--	--	--	0.0	5,602,375	5,414,698	6.95	7.20	95.5	5.50
2023	0	0	--	--	--	--	5,649,898	5,462,253	2.80	2.90	89.7	2.72
Year 2022												
January	0	0	--	--	--	0.0	440,567	425,442	6.15	6.38	95.6	4.92
February	0	0	--	--	--	0.0	375,891	363,057	5.88	6.09	94.2	4.62
March	0	0	--	--	--	0.0	359,407	347,490	4.96	5.14	95.0	3.87
April	0	0	--	--	--	0.0	344,208	332,882	6.22	6.44	95.5	4.66
May	0	0	--	--	--	0.0	428,890	414,929	7.60	7.86	96.4	5.80
June	0	0	--	--	--	0.0	513,920	497,609	7.55	7.81	96.1	6.03
July	0	0	--	--	--	0.0	644,066	623,293	7.29	7.54	96.2	6.04
August	0	0	--	--	--	0.0	645,276	623,863	8.56	8.86	95.5	6.95
Sept	0	0	--	--	--	0.0	538,145	519,483	7.58	7.86	95.8	6.04
October	0	0	--	--	--	0.0	446,464	431,379	5.29	5.48	95.5	4.32
November	0	0	--	--	--	0.0	407,043	393,319	5.35	5.54	94.1	4.44
December	0	0	--	--	--	0.0	458,497	441,951	9.26	9.61	95.4	7.27
Year 2023												
January	0	0	--	--	--	--	432,340	417,130	5.34	5.54	91.4	4.53
February	0	0	--	--	--	--	392,667	379,376	3.91	4.05	91.4	3.48
March	0	0	--	--	--	--	408,837	395,267	2.94	3.04	90.1	2.80
April	0	0	--	--	--	--	371,695	359,263	2.28	2.36	89.1	2.34
May	0	0	--	--	--	--	417,032	403,626	2.11	2.18	90.1	2.22
June	0	0	--	--	--	--	502,016	485,754	2.13	2.20	88.9	2.21
July	0	0	--	--	--	--	627,873	607,202	2.59	2.68	87.5	2.56
August	0	0	--	--	--	--	617,659	597,279	2.41	2.49	88.5	2.43
Sept	0	0	--	--	--	--	526,671	510,024	2.29	2.37	89.7	2.34
October	0	0	--	--	--	--	449,085	434,540	2.42	2.51	90.0	2.46
November	0	0	--	--	--	--	441,816	426,779	2.92	3.03	89.9	2.82
December	0	0	--	--	--	--	462,206	446,013	2.73	2.83	91.6	2.67
Year 2024												
January	0	0	--	--	--	--	509,048	491,149	4.85	5.03	90.7	4.31
February	0	0	--	--	--	--	406,630	392,048	2.31	2.40	91.1	2.30
March	0	0	--	--	--	--	394,896	381,126	1.84	1.91	90.2	1.95
April	0	0	--	--	--	--	372,154	359,568	1.69	1.75	89.2	1.84
May	0	0	--	--	--	--	427,485	413,626	1.92	1.98	89.7	2.05
June	0	0	--	--	--	--	508,357	491,655	2.23	2.31	88.3	2.28
Year to Date												
2022	0	0	--	--	--	0.0	2,462,884	2,381,410	6.48	6.70	95.5	5.03
2023	0	0	--	--	--	--	2,524,588	2,440,415	3.10	3.21	90.1	2.93
2024	0	0	--	--	--	--	2,618,570	2,529,171	2.54	2.64	89.9	2.51
Rolling 12 Months Ending in June												
2023	0	0	--	--	--	0.0	5,664,078	5,473,704	5.46	5.65	93.0	4.59
2024	0	0	--	--	--	--	5,743,880	5,551,009	2.56	2.65	89.6	2.53

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Notes:

Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:

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

NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

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Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 2014 - June 2024

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost				Receipts		Average Cost			
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)	Average Sulfur Percent by Weight	Percentage of Consumption
Annual Totals												
2014	4,096	182	3.12	70.30	2.50	17.1	0	0	--	--	--	0.0
2015	2,439	109	2.85	63.90	2.55	13.6	0	0	--	--	--	0.0
2016	1,288	57	2.69	60.89	3.03	8.3	0	0	--	--	--	0.0
2017	548	24	2.78	63.31	2.99	3.9	0	0	--	--	--	0.0
2018	290	13	2.94	66.52	3.04	2.2	0	0	--	--	--	0.0
2019	193	8	2.92	66.55	3.01	1.6	0	0	--	--	--	0.0
2020	132	6	2.96	67.66	2.93	1.2	0	0	--	--	--	0.0
2021	262	11	3.03	69.50	2.94	2.1	0	0	--	--	--	0.0
2022	268	12	4.17	94.87	3.08	2.2	0	0	--	--	--	0.0
2023	66	3	4.28	96.92	3.22	0.7	0	0	--	--	--	--
Year 2022												
January	74	3	3.95	90.18	3.03	5.8	0	0	--	--	--	0.0
February	19	1	3.95	90.65	3.00	1.5	0	0	--	--	--	0.0
March	0	0	--	--	--	0.0	0	0	--	--	--	0.0
April	0	0	--	--	--	0.0	0	0	--	--	--	0.0
May	0	0	--	--	--	0.0	0	0	--	--	--	0.0
June	0	0	--	--	--	0.0	0	0	--	--	--	0.0
July	0	0	--	--	--	0.0	0	0	--	--	--	0.0
August	0	0	--	--	--	0.0	0	0	--	--	--	0.0
Sept	106	5	4.28	97.46	3.05	10.0	0	0	--	--	--	0.0
October	54	2	4.28	97.11	3.24	5.2	0	0	--	--	--	0.0
November	0	0	--	--	--	0.0	0	0	--	--	--	0.0
December	15	1	4.28	96.94	3.02	1.1	0	0	--	--	--	0.0
Year 2023												
January	21	1	4.28	96.60	3.06	2.0	0	0	--	--	--	--
February	22	1	4.28	97.20	3.12	2.4	0	0	--	--	--	--
March	0	0	--	--	--	--	0	0	--	--	--	--
April	0	0	--	--	--	--	0	0	--	--	--	--
May	0	0	--	--	--	--	0	0	--	--	--	--
June	0	0	--	--	--	--	0	0	--	--	--	--
July	0	0	--	--	--	--	0	0	--	--	--	--
August	0	0	--	--	--	--	0	0	--	--	--	--
Sept	0	0	--	--	--	--	0	0	--	--	--	--
October	0	0	--	--	--	--	0	0	--	--	--	--
November	0	0	--	--	--	--	0	0	--	--	--	--
December	24	1	4.28	96.94	3.46	2.6	0	0	--	--	--	--
Year 2024												
January	85	4	4.28	96.86	3.06	6.7	0	0	--	--	--	--
February	43	2	4.28	96.51	3.06	4.8	0	0	--	--	--	--
March	0	0	--	--	--	0.0	0	0	--	--	--	--
April	0	0	--	--	--	--	0	0	--	--	--	--
May	0	0	--	--	--	--	0	0	--	--	--	--
June	0	0	--	--	--	--	0	0	--	--	--	--
Year to Date												
2022	93	4	3.95	90.28	3.02	1.7	0	0	--	--	--	0.0
2023	43	2	4.28	96.90	3.09	0.9	0	0	--	--	--	--
2024	128	6	4.28	96.74	3.06	2.7	0	0	--	--	--	--
Rolling 12 Months Ending in June												
2023	217	10	4.28	97.23	3.10	1.9	0	0	--	--	--	0.0
2024	151	7	4.28	96.77	3.12	1.6	0	0	--	--	--	--

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Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:

COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.

PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

- Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

- See Glossary for definitions.

- Starting in January 2013, there may have been 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 EIA-923 section of the Technical Notes for a discussion of the sample design for the Form EIA-923 and predecessor forms.

- See the Technical Notes for fuel conversion factors.

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

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, 2014 - June 2024 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2014	0	0	--	--	--	0.0	5,849	5,795	5.42	5.47	4.9	4.47
2015	0	0	--	--	--	0.0	6,499	6,371	4.11	4.19	5.5	3.76
2016	0	0	--	--	--	0.0	8,005	7,766	3.85	3.97	6.1	3.69
2017	0	0	--	--	--	0.0	7,841	7,593	3.82	3.95	4.9	3.75
2018	0	0	--	--	--	0.0	9,090	8,823	3.49	3.59	6.6	3.47
2019	0	0	--	--	--	0.0	9,429	9,087	3.26	3.39	6.7	3.26
2020	0	0	--	--	--	0.0	8,532	8,188	3.07	3.20	6.3	3.07
2021	0	0	--	--	--	0.0	8,869	8,528	3.42	3.56	7.3	3.41
2022	0	0	--	--	--	0.0	8,636	8,322	3.88	4.02	6.8	3.89
2023	0	0	--	--	--	--	8,130	7,861	3.04	3.15	6.4	3.05
Year 2022												
January	0	0	--	--	--	0.0	759	731	3.29	3.42	6.5	3.35
February	0	0	--	--	--	0.0	711	683	3.32	3.45	6.8	3.33
March	0	0	--	--	--	0.0	712	687	3.30	3.42	6.8	3.30
April	0	0	--	--	--	0.0	786	758	4.35	4.51	8.2	4.35
May	0	0	--	--	--	0.0	686	661	4.13	4.29	7.0	4.13
June	0	0	--	--	--	0.0	628	603	3.89	4.05	6.1	3.89
July	0	0	--	--	--	0.0	693	668	3.86	4.00	5.7	3.86
August	0	0	--	--	--	0.0	732	703	4.86	5.06	5.9	4.86
Sept	0	0	--	--	--	0.0	766	738	4.56	4.73	7.3	4.53
October	0	0	--	--	--	0.0	657	634	3.98	4.12	7.0	4.00
November	0	0	--	--	--	0.0	656	636	3.18	3.28	6.7	3.18
December	0	0	--	--	--	0.0	850	821	3.73	3.86	7.5	3.74
Year 2023												
January	0	0	--	--	--	--	707	682	3.11	3.22	6.3	3.14
February	0	0	--	--	--	--	707	683	3.01	3.11	6.9	3.05
March	0	0	--	--	--	--	680	655	3.05	3.17	6.2	3.05
April	0	0	--	--	--	--	720	700	2.89	2.97	7.6	2.89
May	0	0	--	--	--	--	748	726	2.84	2.92	7.9	2.84
June	0	0	--	--	--	--	617	598	2.89	2.99	5.9	2.89
July	0	0	--	--	--	--	629	607	3.07	3.18	5.6	3.07
August	0	0	--	--	--	--	670	646	3.09	3.21	5.9	3.09
Sept	0	0	--	--	--	--	619	597	3.10	3.21	5.8	3.10
October	0	0	--	--	--	--	685	664	3.03	3.13	6.7	3.03
November	0	0	--	--	--	--	687	664	3.19	3.31	6.4	3.19
December	0	0	--	--	--	--	661	638	3.27	3.38	5.8	3.30
Year 2024												
January	0	0	--	--	--	--	715	686	3.29	3.43	5.9	3.40
February	0	0	--	--	--	--	666	641	3.29	3.42	6.1	3.35
March	0	0	--	--	--	--	572	552	3.18	3.29	5.1	3.18
April	0	0	--	--	--	--	648	629	3.14	3.24	7.0	3.14
May	0	0	--	--	--	--	577	554	3.18	3.31	5.9	3.18
June	0	0	--	--	--	--	486	469	3.10	3.21	4.6	3.10
Year to Date												
2022	0	0	--	--	--	0.0	4,282	4,123	3.71	3.86	6.9	3.72
2023	0	0	--	--	--	--	4,179	4,044	2.97	3.06	6.8	2.98
2024	0	0	--	--	--	--	3,664	3,532	3.21	3.32	5.7	3.24
Rolling 12 Months Ending in June												
2023	0	0	--	--	--	0.0	8,532	8,243	3.51	3.64	6.7	3.53
2024	0	0	--	--	--	--	7,615	7,349	3.16	3.28	5.9	3.18

Displayed values of zero may represent small values that round to zero.

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

W = Withheld to avoid disclosure of individual company data.

Notes:

Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, 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 following caveats for each fuel type should be noted:

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

NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

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- See the Technical Notes for fuel conversion factors.

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

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Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2014 - June 2024

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
Annual Totals												
2014	281,867	13,050	2.97	64.15	1.33	68.4	2,290	373	17.91	109.99	1.43	15.6
2015	263,630	12,132	2.72	59.17	1.35	71.4	2,359	385	13.45	82.47	1.42	16.9
2016	210,749	9,859	2.67	57.01	1.30	67.0	2,541	412	10.51	64.79	1.27	18.3
2017	192,637	9,178	2.49	52.29	1.35	70.7	1,850	297	11.18	69.57	1.42	15.2
2018	170,730	8,224	2.47	51.38	1.30	67.2	2,319	372	13.46	83.97	1.35	15.9
2019	146,324	7,088	2.55	52.69	1.19	65.1	1,684	275	13.19	80.82	1.47	14.5
2020	134,523	6,515	2.49	51.38	1.27	68.9	1,700	277	10.52	64.54	1.20	17.0
2021	141,492	6,781	2.33	48.60	1.33	69.9	2,380	387	12.90	79.39	1.46	21.3
2022	138,708	6,721	2.78	57.30	1.27	70.3	2,475	404	18.35	112.54	1.26	10.5
2023	123,941	6,174	3.26	65.45	1.02	71.7	2,862	468	17.32	105.80	1.35	15.2
Year 2022												
January	12,244	593	2.58	53.22	1.35	67.4	301	49	14.12	86.62	1.46	18.3
February	10,697	520	2.65	54.46	1.17	68.2	229	37	15.76	97.63	1.27	16.8
March	12,941	626	2.53	52.28	1.39	74.0	219	36	15.78	97.43	1.06	11.4
April	10,674	504	2.78	58.94	1.37	65.8	112	18	19.33	118.47	1.55	5.7
May	12,282	597	2.49	51.10	1.38	72.5	175	29	19.13	117.32	0.90	10.0
June	11,491	564	2.36	48.06	1.45	72.2	144	23	21.21	129.90	1.07	6.9
July	12,246	595	2.65	54.47	1.30	75.6	156	26	19.35	118.47	1.57	7.5
August	10,874	533	2.67	54.52	1.21	66.4	157	25	20.21	124.53	1.54	11.4
Sept	11,393	556	3.10	63.58	1.06	74.0	202	33	18.30	112.79	1.13	10.7
October	11,143	541	3.52	72.50	0.91	68.4	223	36	17.89	109.96	1.15	11.7
November	10,179	488	3.21	66.97	1.29	65.4	219	36	23.10	140.27	1.11	12.1
December	12,543	605	2.91	60.37	1.36	73.2	337	56	19.51	118.50	1.38	9.1
Year 2023												
January	11,082	548	2.99	60.56	1.21	66.3	336	55	17.76	108.25	1.35	15.8
February	10,894	523	3.79	78.83	1.06	72.3	332	55	17.22	104.12	1.55	20.5
March	10,570	525	3.64	73.24	0.78	71.6	440	73	16.48	99.40	1.62	21.2
April	11,351	563	3.48	70.15	0.97	80.0	300	50	17.07	103.34	1.55	17.7
May	10,576	520	3.41	69.33	1.16	72.2	309	51	15.64	95.51	1.12	23.0
June	10,155	532	2.82	53.77	0.82	76.0	93	15	16.41	103.52	1.09	6.7
July	9,652	499	2.86	55.29	0.73	70.1	141	23	16.54	102.83	1.00	10.9
August	10,109	515	3.10	60.84	0.91	77.7	136	22	17.84	111.00	1.20	9.9
Sept	8,716	431	3.73	75.33	1.07	63.4	154	25	16.85	104.23	1.13	11.8
October	10,465	521	3.22	64.67	1.08	74.9	232	38	20.00	122.63	1.47	17.1
November	9,969	489	3.04	62.05	1.15	68.6	198	32	19.26	117.80	1.37	13.5
December	10,403	508	3.04	62.22	1.25	68.8	191	31	17.47	108.06	1.32	10.4
Year 2024												
January	9,556	480	2.78	55.44	0.87	58.3	313	51	16.91	104.56	1.20	11.7
February	11,198	553	3.08	62.42	1.01	77.6	195	32	18.01	108.28	1.65	12.4
March	10,962	527	3.18	66.06	0.99	64.3	148	24	15.74	95.28	1.53	9.7
April	8,753	436	2.86	57.41	1.03	65.5	132	21	17.82	109.90	1.57	8.4
May	9,654	481	2.86	57.39	0.85	72.6	128	21	16.69	103.83	1.60	8.0
June	9,675	483	3.00	60.11	0.97	70.8	142	23	16.94	104.50	1.23	9.0
Year to Date												
2022	70,329	3,404	2.56	52.86	1.35	70.1	1,181	192	16.85	103.65	1.22	11.0
2023	64,628	3,211	3.36	67.59	1.00	72.9	1,810	298	16.80	102.10	1.40	17.7
2024	59,799	2,960	2.97	60.00	0.95	67.8	1,057	172	17.04	104.51	1.40	10.0
Rolling 12 Months Ending in June												
2023	133,007	6,529	3.18	64.68	1.10	71.6	3,105	510	18.02	109.78	1.38	13.5
2024	119,112	5,923	3.06	61.56	0.99	69.1	2,109	343	17.62	108.37	1.35	11.0

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Notes:

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COAL - includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas. Prior to 2011, synthesis gas was included in the category of Other Gases.

PETROLEUM LIQUIDS - includes distillate fuel oil and residual fuel oil. Prior to 2013, petroleum liquids included distillate fuel oil, residual fuel oil, kerosene, jet fuel, waste oil, and, beginning in 2011, propane. Prior to 2011, propane was included in the category of Other Gases.

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Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2014 - June 2024 (continued)

Period	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
2014	9,736	358	2.56	69.67	5.83	23.2	742,347	718,360	4.54	4.69	62.7	4.12
2015	8,189	304	1.73	46.72	5.50	24.1	765,964	740,975	2.83	2.93	60.6	2.82
2016	3,664	135	2.00	54.12	5.84	11.2	744,034	721,358	2.65	2.74	59.6	2.68
2017	2,356	85	1.59	44.08	5.84	8.1	803,435	778,741	3.18	3.28	62.0	3.06
2018	1,911	71	1.75	47.47	5.74	7.1	792,297	769,790	3.39	3.49	58.6	3.25
2019	2,028	73	1.69	46.99	5.81	8.1	814,483	790,388	2.82	2.91	57.5	2.80
2020	2,157	80	1.73	46.84	5.89	10.0	805,785	783,182	2.28	2.34	53.7	2.32
2021	0	0	--	--	--	0.0	801,054	778,861	4.65	4.79	56.5	4.33
2022	82	3	4.46	124.88	5.99	0.4	835,428	812,863	6.51	6.69	59.1	6.01
2023	0	0	--	--	--	--	787,434	765,807	2.97	3.05	55.0	3.05
Year 2022												
January	0	0	--	--	--	0.0	76,455	74,275	4.68	4.82	59.9	4.42
February	0	0	--	--	--	0.0	65,784	63,860	5.74	5.91	59.0	5.34
March	0	0	--	--	--	0.0	71,461	69,559	4.69	4.82	60.3	4.39
April	0	0	--	--	--	0.0	67,470	65,714	5.97	6.13	60.8	5.55
May	0	0	--	--	--	0.0	67,025	65,283	7.68	7.89	58.8	6.90
June	0	0	--	--	--	0.0	68,964	67,264	8.29	8.50	60.1	7.47
July	0	0	--	--	--	0.0	72,749	70,916	6.93	7.11	58.8	6.33
August	0	0	--	--	--	0.0	73,848	72,011	8.69	8.91	59.1	7.94
Sept	0	0	--	--	--	0.0	66,052	64,306	8.40	8.63	57.9	7.65
October	82	3	4.46	124.88	5.99	4.6	65,621	63,673	5.82	5.99	57.1	5.52
November	0	0	--	--	--	0.0	69,498	67,553	5.11	5.26	58.9	4.92
December	0	0	--	--	--	0.0	70,500	68,450	6.26	6.45	58.4	5.81
Year 2023												
January	0	0	--	--	--	--	69,363	67,415	5.03	5.17	54.6	4.80
February	0	0	--	--	--	--	62,244	60,546	3.23	3.32	54.9	3.37
March	0	0	--	--	--	--	66,976	65,267	2.75	2.82	54.6	2.94
April	0	0	--	--	--	--	60,328	58,682	2.31	2.38	56.3	2.56
May	0	0	--	--	--	--	63,898	62,168	2.37	2.43	56.7	2.57
June	0	0	--	--	--	--	64,518	62,967	2.48	2.54	55.3	2.54
July	0	0	--	--	--	--	64,395	62,551	2.85	2.93	53.1	2.87
August	0	0	--	--	--	--	65,646	63,786	2.82	2.91	54.4	2.89
Sept	0	0	--	--	--	--	64,674	62,843	2.80	2.88	54.4	2.94
October	0	0	--	--	--	--	64,422	62,613	2.86	2.94	55.2	2.96
November	0	0	--	--	--	--	67,757	65,829	3.09	3.18	55.7	3.13
December	0	0	--	--	--	--	73,212	71,141	2.86	2.95	55.3	2.92
Year 2024												
January	0	0	--	--	--	--	72,977	70,824	3.61	3.72	53.6	3.57
February	0	0	--	--	--	--	63,201	61,384	2.58	2.66	54.1	2.70
March	0	0	--	--	--	--	64,810	63,040	1.82	1.87	54.8	2.05
April	0	0	--	--	--	--	65,018	63,309	1.94	1.99	56.4	2.07
May	0	0	--	--	--	--	64,149	62,385	1.97	2.03	55.4	2.11
June	0	0	--	--	--	--	62,267	60,508	2.51	2.58	55.2	2.60
Year to Date												
2022	0	0	--	--	--	0.0	417,160	405,955	6.14	6.31	59.8	5.65
2023	0	0	--	--	--	--	387,327	377,044	3.06	3.14	55.4	3.15
2024	0	0	--	--	--	--	392,422	381,449	2.43	2.50	54.9	2.54
Rolling 12 Months Ending in June												
2023	82	3	4.46	124.88	5.99	0.4	805,595	783,952	5.04	5.18	56.9	4.82
2024	0	0	--	--	--	--	792,529	770,212	2.66	2.73	54.8	2.75

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- See the Technical Notes for fuel conversion factors.

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

Sources: U.S. Energy Information Administration (EIA), Form EIA-923, "Power Plant Operations Report" and predecessor forms 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, June 2024 and 2023
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	3	4	-35.0%	0	0	3	4	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	3	4	-35.0%	0	0	3	4	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	556	512	8.7%	0	0	546	501	0	0	10	11
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	556	512	8.7%	0	0	546	501	0	0	10	11
East North Central	6,471	6,765	-4.3%	4,056	4,172	2,306	2,436	0	0	110	157
Illinois	1,653	1,534	7.8%	319	280	1,225	1,097	0	0	110	157
Indiana	1,503	1,590	-5.5%	1,336	1,390	167	200	0	0	0	0
Michigan	1,337	1,197	12.0%	1,337	1,171	0	26	0	0	0	0
Ohio	1,112	1,364	-18.0%	199	251	913	1,112	0	0	0	0
Wisconsin	866	1,080	-20.0%	866	1,080	0	0	0	0	0	0
West North Central	5,807	7,823	-26.0%	5,585	7,584	0	0	0	0	222	239
Iowa	742	1,252	-41.0%	567	1,060	0	0	0	0	175	191
Kansas	584	1,099	-47.0%	584	1,099	0	0	0	0	0	0
Minnesota	371	548	-32.0%	371	548	0	0	0	0	0	0
Missouri	1,750	2,113	-17.0%	1,750	2,113	0	0	0	0	0	0
Nebraska	596	1,053	-43.0%	549	1,006	0	0	0	0	47	48
North Dakota	1,639	1,608	1.9%	1,639	1,608	0	0	0	0	0	0
South Dakota	125	150	-17.0%	125	150	0	0	0	0	0	0
South Atlantic	3,832	4,103	-6.6%	3,521	3,867	282	234	0	0	29	3
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	268	407	-34.0%	268	407	0	0	0	0	0	0
Georgia	632	863	-27.0%	620	863	0	0	0	0	12	0
Maryland	69	89	-23.0%	0	0	69	89	0	0	0	0
North Carolina	663	393	69.0%	663	393	0	0	0	0	0	0
South Carolina	502	665	-24.0%	495	658	0	6	0	0	7	0
Virginia	136	37	269.0%	126	34	0	0	0	0	9	3
West Virginia	1,562	1,649	-5.3%	1,349	1,510	213	138	0	0	0	0
East South Central	3,726	4,062	-8.3%	3,499	3,720	167	301	0	0	60	41
Alabama	918	1,086	-16.0%	918	1,086	0	0	0	0	0	0
Kentucky	2,191	2,256	-2.9%	2,191	2,256	0	0	0	0	0	0
Mississippi	240	349	-31.0%	73	48	167	301	0	0	0	0
Tennessee	377	371	1.7%	317	330	0	0	0	0	60	41
West South Central	4,656	6,060	-23.0%	1,851	2,806	2,800	3,221	0	0	5	33
Arkansas	620	799	-22.0%	499	647	115	148	0	0	5	4
Louisiana	280	464	-40.0%	154	205	127	258	0	0	0	0
Oklahoma	144	375	-61.0%	144	346	0	0	0	0	0	29
Texas	3,611	4,423	-18.0%	1,054	1,608	2,558	2,814	0	0	0	0
Mountain	3,875	4,550	-15.0%	3,623	3,946	252	604	0	0	0	0
Arizona	420	610	-31.0%	420	610	0	0	0	0	0	0
Colorado	651	1,111	-41.0%	651	1,111	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	163	451	-64.0%	0	0	163	451	0	0	0	0
Nevada	154	169	-9.2%	109	98	44	71	0	0	0	0
New Mexico	496	19	NM	496	19	0	0	0	0	0	0
Utah	727	575	26.0%	683	534	44	41	0	0	0	0
Wyoming	1,265	1,615	-22.0%	1,264	1,574	1	41	0	0	0	0
Pacific Contiguous	199	246	-19.0%	0	0	152	198	0	0	47	48
California	47	48	-1.5%	0	0	0	0	0	0	47	48
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	152	198	-23.0%	0	0	152	198	0	0	0	0
Pacific Noncontiguous	21	40	-49.0%	21	40	0	0	0	0	0	0
Alaska	21	40	-49.0%	21	40	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	29,146	34,165	-15.0%	22,156	26,136	6,508	7,498	0	0	483	532

Displayed values of zero may represent small values that round to zero.
 NM = Not meaningful due to large relative standard error or excessive percentage change.
 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 EIA-923.
 Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
 Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas.

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

**Table 4.6.B. Receipts of Coal Delivered for Electricity Generation by State, (Year-to-Date) June 2024 and 2023
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	21	89	-76.0%	0	0	21	89	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	21	35	-39.0%	0	0	21	35	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	54	-100.0%	0	0	0	54	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	3,228	3,258	-0.9%	0	0	3,186	3,203	0	0	42	56
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	3,228	3,258	-0.9%	0	0	3,186	3,203	0	0	42	56
East North Central	33,122	43,060	-23.0%	20,775	26,060	11,652	16,163	0	0	696	837
Illinois	9,398	11,884	-21.0%	1,322	2,526	7,381	8,522	0	0	696	837
Indiana	8,264	10,958	-25.0%	7,520	9,807	744	1,151	0	0	0	0
Michigan	6,222	6,925	-10.0%	6,222	6,861	0	64	0	0	0	0
Ohio	4,573	7,783	-41.0%	1,046	1,356	3,527	6,427	0	0	0	0
Wisconsin	4,664	5,510	-15.0%	4,664	5,510	0	0	0	0	0	0
West North Central	36,031	46,668	-23.0%	34,687	45,328	0	0	6	2	1,338	1,338
Iowa	4,865	6,625	-27.0%	3,825	5,624	0	0	0	0	1,040	1,001
Kansas	3,713	5,992	-38.0%	3,713	5,992	0	0	0	0	0	0
Minnesota	3,120	4,395	-29.0%	3,120	4,395	0	0	0	0	0	0
Missouri	9,486	13,716	-31.0%	9,481	13,715	0	0	6	2	0	0
Nebraska	4,346	5,697	-24.0%	4,048	5,359	0	0	0	0	298	338
North Dakota	10,008	9,858	1.5%	10,008	9,858	0	0	0	0	0	0
South Dakota	493	384	28.0%	493	384	0	0	0	0	0	0
South Atlantic	22,572	25,888	-13.0%	20,949	22,826	1,475	2,790	0	0	148	272
Delaware	0	24	-100.0%	0	0	0	24	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,829	3,209	-43.0%	1,819	3,189	0	0	0	0	10	20
Georgia	4,044	4,701	-14.0%	3,986	4,633	0	0	0	0	58	68
Maryland	244	547	-55.0%	0	0	244	547	0	0	0	0
North Carolina	3,595	2,392	50.0%	3,595	2,315	0	0	0	0	0	77
South Carolina	3,613	3,857	-6.3%	3,598	3,747	0	88	0	0	14	22
Virginia	502	585	-14.0%	436	501	0	0	0	0	66	84
West Virginia	8,746	10,572	-17.0%	7,515	8,440	1,232	2,131	0	0	0	0
East South Central	22,004	24,654	-11.0%	20,718	22,751	877	1,617	0	0	409	287
Alabama	5,472	6,707	-18.0%	5,472	6,707	0	0	0	0	0	0
Kentucky	13,205	14,248	-7.3%	13,205	14,248	0	0	0	0	0	0
Mississippi	1,429	2,166	-34.0%	552	550	877	1,617	0	0	0	0
Tennessee	1,897	1,533	24.0%	1,488	1,246	0	0	0	0	409	287
West South Central	28,001	36,996	-24.0%	11,988	17,956	15,976	18,898	0	0	37	142
Arkansas	4,216	5,397	-22.0%	3,589	4,307	605	1,062	0	0	22	28
Louisiana	1,707	2,891	-41.0%	916	1,432	791	1,459	0	0	0	0
Oklahoma	1,098	2,497	-56.0%	1,082	2,383	0	0	0	0	15	113
Texas	20,981	26,211	-20.0%	6,400	9,833	14,581	16,378	0	0	0	0
Mountain	24,694	28,180	-12.0%	21,632	24,285	3,062	3,895	0	0	0	0
Arizona	2,939	4,303	-32.0%	2,939	4,303	0	0	0	0	0	0
Colorado	4,048	6,096	-34.0%	4,048	6,096	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	2,382	3,140	-24.0%	0	0	2,382	3,140	0	0	0	0
Nevada	855	680	26.0%	577	354	278	326	0	0	0	0
New Mexico	2,451	1,606	53.0%	2,451	1,606	0	0	0	0	0	0
Utah	4,686	4,103	14.0%	4,487	3,915	199	188	0	0	0	0
Wyoming	7,333	8,252	-11.0%	7,130	8,011	203	241	0	0	0	0
Pacific Contiguous	1,127	1,796	-37.0%	0	0	836	1,517	0	0	291	280
California	291	280	4.1%	0	0	0	0	0	0	291	280
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	836	1,517	-45.0%	0	0	836	1,517	0	0	0	0
Pacific Noncontiguous	199	181	9.7%	199	181	0	0	0	0	0	0
Alaska	199	181	9.7%	199	181	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	170,999	210,770	-19.0%	130,947	159,386	37,086	48,171	6	2	2,960	3,211

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Notes:
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 Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
 Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas.

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

**Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, June 2024 and 2023
(Thousand Barrels)**

Census Division and State	Electric Power Sector											
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector		
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	
New England	4	29	-85.0%	0	0	4	29	0	0	0	0	
Connecticut	0	1	-100.0%	0	0	0	1	0	0	0	0	
Maine	4	4	-0.4%	0	0	4	4	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	24	-100.0%	0	0	0	24	0	0	0	0	
Vermont	0	0	--	0	0	0	0	0	0	0	0	
Middle Atlantic	17	43	-60.0%	0	0	15	41	0	0	3	2	
New Jersey	0	0	--	0	0	0	0	0	0	0	0	
New York	3	32	-90.0%	0	0	3	32	0	0	0	0	
Pennsylvania	14	11	33.0%	0	0	12	8	0	0	3	2	
East North Central	57	44	28.0%	31	37	20	3	0	0	5	5	
Illinois	6	3	112.0%	1	0	6	3	0	0	0	0	
Indiana	19	17	11.0%	19	17	0	0	0	0	0	0	
Michigan	11	19	-43.0%	9	14	0	0	0	0	2	4	
Ohio	19	2	904.0%	1	1	15	0	0	0	3	0	
Wisconsin	2	4	-54.0%	2	4	0	0	0	0	0	0	
West North Central	51	26	92.0%	51	26	0	0	0	0	0	0	
Iowa	11	6	89.0%	11	6	0	0	0	0	0	0	
Kansas	7	4	71.0%	7	4	0	0	0	0	0	0	
Minnesota	2	3	-32.0%	2	3	0	0	0	0	0	0	
Missouri	16	8	98.0%	16	8	0	0	0	0	0	0	
Nebraska	0	1	-100.0%	0	1	0	0	0	0	0	0	
North Dakota	14	4	264.0%	14	4	0	0	0	0	0	0	
South Dakota	0	0	--	0	0	0	0	0	0	0	0	
South Atlantic	168	122	38.0%	64	93	89	21	0	0	15	8	
Delaware	4	1	150.0%	0	0	4	1	0	0	0	0	
District of Columbia	0	0	--	0	0	0	0	0	0	0	0	
Florida	9	42	-80.0%	7	40	0	0	0	0	1	2	
Georgia	15	10	50.0%	7	7	0	0	0	0	8	3	
Maryland	84	18	356.0%	0	0	84	18	0	0	0	0	
North Carolina	3	3	-17.0%	3	3	0	0	0	0	0	0	
South Carolina	16	20	-18.0%	13	19	0	0	0	0	3	1	
Virginia	20	3	496.0%	16	1	2	1	0	0	2	1	
West Virginia	18	24	-24.0%	18	23	0	0	0	0	0	0	
East South Central	17	100	-83.0%	16	100	0	0	0	0	0	0	
Alabama	0	0	--	0	0	0	0	0	0	0	0	
Kentucky	13	12	3.4%	13	12	0	0	0	0	0	0	
Mississippi	1	0	--	1	0	0	0	0	0	0	0	
Tennessee	3	87	-97.0%	2	87	0	0	0	0	0	0	
West South Central	41	12	234.0%	34	9	8	3	0	0	0	0	
Arkansas	9	1	NM	9	0	0	1	0	0	0	0	
Louisiana	0	0	--	0	0	0	0	0	0	0	0	
Oklahoma	14	2	752.0%	14	2	0	0	0	0	0	0	
Texas	18	10	80.0%	10	7	8	3	0	0	0	0	
Mountain	22	18	22.0%	19	16	3	2	0	0	0	0	
Arizona	3	4	-28.0%	3	4	0	0	0	0	0	0	
Colorado	0	3	-100.0%	0	3	0	0	0	0	0	0	
Idaho	0	0	--	0	0	0	0	0	0	0	0	
Montana	3	2	71.0%	0	0	3	2	0	0	0	0	
Nevada	2	1	96.0%	2	1	0	0	0	0	0	0	
New Mexico	0	0	--	0	0	0	0	0	0	0	0	
Utah	6	1	624.0%	6	1	0	0	0	0	0	0	
Wyoming	8	7	13.0%	8	7	0	0	0	0	0	0	
Pacific Contiguous	1	1	-32.0%	0	0	1	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	1	1	-32.0%	0	0	1	1	0	0	0	0	
Pacific Noncontiguous	693	818	-15.0%	524	694	169	124	0	0	0	0	
Alaska	0	0	46.0%	0	0	0	0	0	0	0	0	
Hawaii	693	818	-15.0%	524	693	169	124	0	0	0	0	
U.S. Total	1,071	1,214	-12.0%	739	974	309	225	0	0	23	15	

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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 EIA-923.

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

Petroleum Liquids includes distillate and residual fuel oils.

See the Technical Notes for fuel conversion factors.

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

**Table 4.7.B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) June 2024 and 2023
(Thousand Barrels)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	114	519	-78.0%	0	0	114	519	0	0	0	0
Connecticut	31	17	87.0%	0	0	31	17	0	0	0	0
Maine	22	179	-88.0%	0	0	22	179	0	0	0	0
Massachusetts	5	209	-98.0%	0	0	5	209	0	0	0	0
New Hampshire	56	66	-15.0%	0	0	56	66	0	0	0	0
Rhode Island	0	48	-100.0%	0	0	0	48	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	180	460	-61.0%	48	178	105	252	0	0	28	30
New Jersey	1	12	-90.0%	0	0	1	12	0	0	0	0
New York	109	353	-69.0%	48	178	62	175	0	0	0	0
Pennsylvania	70	95	-27.0%	0	0	42	65	0	0	28	30
East North Central	350	428	-18.0%	184	294	140	104	0	0	26	29
Illinois	32	25	32.0%	1	3	31	21	0	0	0	0
Indiana	77	85	-8.6%	77	85	0	0	0	0	0	0
Michigan	86	155	-44.0%	80	141	0	0	0	0	6	14
Ohio	142	152	-6.4%	13	54	109	83	0	0	20	15
Wisconsin	12	11	6.2%	12	11	0	0	0	0	0	0
West North Central	386	346	11.0%	386	346	0	0	0	0	0	0
Iowa	55	47	17.0%	55	47	0	0	0	0	0	0
Kansas	108	55	95.0%	108	55	0	0	0	0	0	0
Minnesota	8	21	-65.0%	8	21	0	0	0	0	0	0
Missouri	143	149	-4.4%	143	149	0	0	0	0	0	0
Nebraska	8	5	77.0%	8	5	0	0	0	0	0	0
North Dakota	58	60	-3.2%	58	60	0	0	0	0	0	0
South Dakota	6	8	-29.0%	6	8	0	0	0	0	0	0
South Atlantic	768	1,563	-51.0%	413	1,117	237	211	0	0	117	235
Delaware	7	3	118.0%	0	0	7	3	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	86	529	-84.0%	73	461	0	55	0	0	13	13
Georgia	114	226	-49.0%	41	127	2	0	0	0	72	99
Maryland	211	61	246.0%	0	0	211	61	0	0	0	0
North Carolina	68	236	-71.0%	68	154	0	0	0	0	0	82
South Carolina	83	118	-30.0%	71	86	0	10	0	0	12	22
Virginia	100	215	-54.0%	62	141	17	56	0	0	21	18
West Virginia	99	174	-43.0%	99	149	0	25	0	0	0	0
East South Central	86	399	-78.0%	84	396	0	0	0	0	2	4
Alabama	8	39	-79.0%	8	39	0	0	0	0	0	0
Kentucky	58	102	-44.0%	58	102	0	0	0	0	0	0
Mississippi	7	1	499.0%	7	1	0	0	0	0	0	0
Tennessee	13	257	-95.0%	11	253	0	0	0	0	2	4
West South Central	137	93	48.0%	101	59	37	34	0	0	0	0
Arkansas	33	31	5.9%	23	22	9	9	0	0	0	0
Louisiana	3	0	--	3	0	0	0	0	0	0	0
Oklahoma	18	5	246.0%	18	5	0	0	0	0	0	0
Texas	84	57	48.0%	57	31	27	26	0	0	0	0
Mountain	113	127	-12.0%	93	118	19	9	0	0	0	0
Arizona	20	22	-7.6%	20	22	0	0	0	0	0	0
Colorado	8	14	-44.0%	8	14	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	29	5	509.0%	12	0	17	5	0	0	0	0
Nevada	6	6	9.2%	5	5	1	1	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	19	32	-41.0%	18	29	1	3	0	0	0	0
Wyoming	31	49	-38.0%	31	49	0	0	0	0	0	0
Pacific Contiguous	18	37	-49.0%	13	32	6	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	18	37	-49.0%	13	32	6	5	0	0	0	0
Pacific Noncontiguous	4,701	4,680	0.4%	3,740	3,810	961	870	0	0	0	0
Alaska	5	10	-45.0%	5	10	0	0	0	0	0	0
Hawaii	4,695	4,671	0.5%	3,735	3,800	961	870	0	0	0	0
U.S. Total	6,854	8,652	-21.0%	5,062	6,350	1,619	2,005	0	0	172	298

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

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

Petroleum Liquids includes distillate and residual fuel oils.

See the Technical Notes for fuel conversion factors.

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

**Table 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State, June 2024 and 2023
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
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	47	38	22.0%	47	38	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	47	37	25.0%	47	37	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	1	-100.0%	0	1	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	53	27	96.0%	53	27	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	53	27	96.0%	53	27	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	27	0	--	27	0	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	27	0	--	27	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	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	127	66	94.0%	127	66	0	0	0	0	0	0

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 Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
 Petroleum Coke includes petroleum coke-derived synthesis gas.
 See the Technical Notes for fuel conversion factors.

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

**Table 4.8.B. Receipts of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) June 2024 and 2023
(Thousand Tons)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 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	263	277	-5.3%	263	277	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	259	264	-1.6%	259	264	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	14	-77.0%	3	14	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	67	217	-69.0%	67	217	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	67	217	-69.0%	67	217	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	34	295	-88.0%	34	295	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	34	295	-88.0%	34	295	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	0	0	--	0	0	0	0	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	0	0	--	0	0	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	0	0	--	0	0	0	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	0	0	--	0	0	0	0	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	364	789	-54.0%	364	789	0	0	0	0	0	0

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 Petroleum Coke includes petroleum coke-derived synthesis gas.
 See the Technical Notes for fuel conversion factors.

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

**Table 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, June 2024 and 2023
(Million Cubic Feet)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	30,325	31,664	-4.2%	0	0	30,325	31,664	0	0	0	0
Connecticut	13,993	15,881	-12.0%	0	0	13,993	15,881	0	0	0	0
Maine	2,100	1,600	31.0%	0	0	2,100	1,600	0	0	0	0
Massachusetts	6,956	6,909	0.7%	0	0	6,956	6,909	0	0	0	0
New Hampshire	3,847	3,644	5.6%	0	0	3,847	3,644	0	0	0	0
Rhode Island	3,428	3,630	-5.6%	0	0	3,428	3,630	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	154,271	137,873	12.0%	11,541	9,461	140,861	126,445	0	0	1,869	1,967
New Jersey	19,359	18,537	4.4%	0	0	19,359	18,537	0	0	0	0
New York	41,485	37,349	11.0%	11,541	9,461	29,321	27,321	0	0	624	566
Pennsylvania	93,427	81,988	14.0%	0	0	92,182	80,587	0	0	1,246	1,401
East North Central	124,048	122,736	1.1%	49,653	45,483	72,915	75,713	301	427	1,180	1,112
Illinois	13,792	15,781	-13.0%	1,690	1,767	12,100	14,008	0	0	1	6
Indiana	19,970	22,205	-10.0%	10,264	11,678	9,707	10,527	0	0	0	0
Michigan	31,768	31,522	0.8%	16,387	14,198	14,816	16,457	301	427	265	440
Ohio	42,323	40,151	5.4%	5,432	5,552	36,292	34,209	0	0	599	389
Wisconsin	16,194	13,077	24.0%	15,880	12,288	0	512	0	0	315	277
West North Central	18,763	22,463	-16.0%	16,248	18,699	1,784	3,018	168	170	562	576
Iowa	5,696	6,693	-15.0%	5,134	6,117	0	0	0	0	562	576
Kansas	3,223	3,385	-4.8%	3,223	3,385	0	0	0	0	0	0
Minnesota	3,251	4,992	-35.0%	2,906	3,778	343	1,212	3	2	0	0
Missouri	5,631	5,793	-2.8%	4,023	3,819	1,441	1,805	166	169	0	0
Nebraska	464	655	-29.0%	464	655	0	0	0	0	0	0
North Dakota	374	340	9.7%	374	340	0	0	0	0	0	0
South Dakota	124	604	-80.0%	124	604	0	0	0	0	0	0
South Atlantic	274,303	253,094	8.4%	231,042	214,495	39,985	36,044	0	0	3,276	2,555
Delaware	2,782	1,870	49.0%	0	0	2,782	1,870	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	130,885	124,361	5.2%	124,831	119,245	5,657	4,768	0	0	397	347
Georgia	32,044	35,623	-10.0%	26,585	29,070	4,597	5,893	0	0	863	660
Maryland	9,116	8,418	8.3%	2,082	2,776	7,034	5,642	0	0	0	0
North Carolina	42,227	30,873	37.0%	37,253	26,329	4,975	4,544	0	0	0	0
South Carolina	15,069	14,983	0.6%	14,261	14,455	617	267	0	0	190	261
Virginia	38,472	32,653	18.0%	25,527	21,258	11,985	10,754	0	0	960	641
West Virginia	3,707	4,312	-14.0%	503	1,361	2,338	2,305	0	0	866	646
East South Central	100,654	94,478	6.5%	78,656	69,096	19,794	23,397	0	0	2,204	1,985
Alabama	38,401	38,544	-0.4%	18,809	15,406	19,592	23,137	0	0	0	0
Kentucky	12,617	8,395	50.0%	12,419	8,147	198	248	0	0	0	0
Mississippi	38,268	36,075	6.1%	38,265	36,063	4	11	0	0	0	0
Tennessee	11,368	11,465	-0.8%	9,163	9,480	0	0	0	0	2,204	1,985
West South Central	308,286	315,855	-2.4%	114,007	108,713	145,151	154,567	0	0	49,129	52,574
Arkansas	14,534	14,413	0.8%	13,110	13,099	1,173	1,056	0	0	250	259
Louisiana	53,452	55,227	-3.2%	33,740	32,985	4,655	5,128	0	0	15,057	17,114
Oklahoma	33,387	34,322	-2.7%	23,875	22,865	8,967	10,885	0	0	545	572
Texas	206,912	211,892	-2.4%	43,281	39,765	130,355	137,498	0	0	33,277	34,629
Mountain	85,188	67,587	26.0%	71,189	55,755	13,983	11,832	0	0	17	0
Arizona	36,678	30,943	19.0%	26,615	22,955	10,062	7,988	0	0	0	0
Colorado	11,290	9,102	24.0%	9,396	7,887	1,894	1,215	0	0	0	0
Idaho	1,124	675	67.0%	1,124	675	0	0	0	0	0	0
Montana	285	233	22.0%	285	233	0	0	0	0	0	0
Nevada	15,774	10,385	52.0%	15,774	10,385	0	0	0	0	0	0
New Mexico	9,353	9,549	-2.0%	7,329	6,921	2,024	2,628	0	0	0	0
Utah	6,241	5,674	10.0%	6,225	5,674	0	0	0	0	17	0
Wyoming	4,442	1,026	333.0%	4,440	1,026	2	1	0	0	0	0
Pacific Contiguous	45,295	39,033	16.0%	16,166	13,762	26,859	23,074	0	0	2,271	2,197
California	34,350	28,224	22.0%	12,120	8,448	19,959	17,579	0	0	2,271	2,197
Oregon	8,473	8,018	5.7%	2,856	3,608	5,618	4,410	0	0	0	0
Washington	2,472	2,791	-11.0%	1,190	1,707	1,282	1,084	0	0	0	0
Pacific Noncontiguous	5	7	-29.0%	5	7	0	0	0	0	0	0
Alaska	5	7	-29.0%	5	7	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,141,136	1,084,790	5.2%	588,505	535,472	491,655	485,754	469	598	60,508	62,967

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

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

**Table 4.9.B. Receipts of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) June 2024 and 2023
(Million Cubic Feet)**

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	159,153	157,864	0.8%	0	0	159,153	157,864	0	0	0	0
Connecticut	73,897	76,842	-3.8%	0	0	73,897	76,842	0	0	0	0
Maine	9,976	6,572	52.0%	0	0	9,976	6,572	0	0	0	0
Massachusetts	47,003	43,887	7.1%	0	0	47,003	43,887	0	0	0	0
New Hampshire	14,203	13,817	2.8%	0	0	14,203	13,817	0	0	0	0
Rhode Island	14,073	16,745	-16.0%	0	0	14,073	16,745	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	768,705	718,795	6.9%	51,461	44,497	705,633	662,066	0	0	11,611	12,233
New Jersey	98,033	93,137	5.3%	0	0	98,033	93,137	0	0	0	0
New York	204,867	177,589	15.0%	51,461	44,497	149,779	129,715	0	0	3,626	3,378
Pennsylvania	465,805	448,069	4.0%	0	0	457,821	439,214	0	0	7,984	8,855
East North Central	687,419	630,432	9.0%	244,280	226,575	433,180	393,522	2,471	2,905	7,488	7,431
Illinois	62,701	57,901	8.3%	9,118	7,392	53,548	50,482	0	0	35	27
Indiana	115,860	112,211	3.3%	56,455	58,567	59,405	53,644	0	0	0	0
Michigan	183,737	169,533	8.4%	69,489	61,096	109,489	102,801	2,471	2,905	2,289	2,731
Ohio	243,836	213,754	14.0%	31,303	26,244	209,377	184,571	0	0	3,156	2,938
Wisconsin	81,284	77,034	5.5%	77,915	73,275	1,361	2,024	0	0	2,008	1,734
West North Central	90,706	83,355	8.8%	79,699	69,437	7,216	10,258	1,062	1,140	2,730	2,521
Iowa	24,185	28,432	-15.0%	21,455	25,911	0	0	0	0	2,730	2,521
Kansas	18,030	12,915	40.0%	18,030	12,915	0	0	0	0	0	0
Minnesota	19,703	16,807	17.0%	17,880	13,936	1,816	2,863	8	8	0	0
Missouri	23,880	21,078	13.0%	17,426	12,551	5,400	7,395	1,054	1,132	0	0
Nebraska	1,174	1,208	-2.9%	1,174	1,208	0	0	0	0	0	0
North Dakota	2,063	1,375	50.0%	2,063	1,375	0	0	0	0	0	0
South Dakota	1,672	1,540	8.6%	1,672	1,540	0	0	0	0	0	0
South Atlantic	1,339,709	1,315,009	1.9%	1,126,213	1,113,573	194,054	183,307	0	0	19,442	18,129
Delaware	8,781	9,312	-5.7%	0	0	8,781	9,312	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	643,555	622,739	3.3%	616,924	598,026	24,377	22,832	0	0	2,254	1,881
Georgia	167,905	190,244	-12.0%	137,946	154,010	24,350	31,208	0	0	5,609	5,026
Maryland	43,961	48,602	-9.5%	9,301	14,617	34,660	33,985	0	0	0	0
North Carolina	185,133	185,957	-0.4%	158,975	159,045	26,158	25,827	0	0	0	1,084
South Carolina	75,379	87,885	-14.0%	72,443	86,084	1,702	612	0	0	1,234	1,189
Virginia	198,977	156,402	27.0%	129,414	99,470	62,941	51,232	0	0	6,622	5,699
West Virginia	16,017	13,869	15.0%	1,210	2,321	11,085	8,298	0	0	3,723	3,249
East South Central	505,393	477,633	5.8%	391,538	340,203	99,829	124,518	0	0	14,025	12,911
Alabama	183,809	187,148	-1.8%	86,824	64,323	96,985	122,825	0	0	0	0
Kentucky	56,829	43,589	30.0%	54,032	41,975	2,797	1,614	0	0	0	0
Mississippi	203,162	185,044	9.8%	203,114	184,965	47	79	0	0	0	0
Tennessee	61,593	61,851	-0.4%	47,568	48,939	0	0	0	0	14,025	12,911
West South Central	1,507,520	1,443,799	4.4%	503,455	466,777	690,665	665,376	0	0	313,401	311,646
Arkansas	60,787	73,448	-17.0%	53,039	66,853	6,099	5,193	0	0	1,650	1,402
Louisiana	278,908	262,951	6.1%	161,447	145,335	17,390	19,450	0	0	100,071	98,166
Oklahoma	150,805	134,891	12.0%	105,800	85,894	41,763	45,561	0	0	3,242	3,436
Texas	1,017,020	972,510	4.6%	183,169	168,695	625,413	595,172	0	0	208,437	208,642
Mountain	413,268	392,303	5.3%	347,347	326,410	65,699	65,863	0	0	222	31
Arizona	164,922	162,786	1.3%	120,675	119,084	44,247	43,702	0	0	0	0
Colorado	64,452	59,242	8.8%	54,524	50,069	9,927	9,173	0	0	0	0
Idaho	5,749	4,125	39.0%	5,749	4,125	0	0	0	0	0	0
Montana	2,276	3,125	-27.0%	2,276	3,125	0	0	0	0	0	0
Nevada	79,616	74,652	6.6%	79,616	74,652	0	0	0	0	0	0
New Mexico	45,474	47,187	-3.6%	33,954	34,204	11,520	12,983	0	0	0	0
Utah	36,574	35,668	2.5%	36,352	35,637	0	0	0	0	222	31
Wyoming	14,207	5,519	157.0%	14,201	5,515	5	4	0	0	0	0
Pacific Contiguous	294,892	297,624	-0.9%	108,619	107,840	173,742	177,642	0	0	12,531	12,142
California	208,658	215,515	-3.2%	66,221	66,139	129,906	137,234	0	0	12,531	12,142
Oregon	56,484	51,625	9.4%	20,750	21,569	35,734	30,056	0	0	0	0
Washington	29,750	30,484	-2.4%	21,648	20,132	8,102	10,352	0	0	0	0
Pacific Noncontiguous	138	30	367.0%	138	30	0	0	0	0	0	0
Alaska	138	30	367.0%	138	30	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	5,766,902	5,516,844	4.5%	2,852,750	2,695,341	2,529,171	2,440,415	3,532	4,044	381,449	377,044

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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 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State, June 2024 and 2023
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023
New England	W	W	W	--	--	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.15	2.41	-11.0%	--	--	2.15	2.41
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	2.15	2.41	-11.0%	--	--	2.15	2.41
East North Central	2.47	2.48	-0.4%	2.61	2.59	2.23	2.29
Illinois	W	W	W	2.01	1.91	W	W
Indiana	W	W	W	2.86	3.04	W	W
Michigan	2.53	W	W	2.53	2.42	--	W
Ohio	2.66	2.51	6.0%	2.80	2.40	2.63	2.53
Wisconsin	2.42	2.30	5.2%	2.42	2.30	--	--
West North Central	1.86	1.79	3.9%	1.86	1.79	--	--
Iowa	2.02	1.71	18.0%	2.02	1.71	--	--
Kansas	1.62	1.77	-8.5%	1.62	1.77	--	--
Minnesota	2.34	2.36	-0.8%	2.34	2.36	--	--
Missouri	1.80	1.81	-0.6%	1.80	1.81	--	--
Nebraska	1.30	1.30	0.0%	1.30	1.30	--	--
North Dakota	2.03	1.94	4.6%	2.03	1.94	--	--
South Dakota	2.23	2.18	2.3%	2.23	2.18	--	--
South Atlantic	3.38	3.60	-6.1%	3.46	3.59	2.55	3.73
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	3.43	3.08	11.0%	3.43	3.08	--	--
Georgia	4.12	4.62	-11.0%	4.12	4.62	--	--
Maryland	W	W	W	--	--	W	W
North Carolina	4.41	4.64	-5.0%	4.41	4.64	--	--
South Carolina	3.14	W	W	3.14	3.77	--	W
Virginia	4.07	6.70	-39.0%	4.07	6.70	--	--
West Virginia	W	W	W	2.84	2.83	W	W
East South Central	W	W	W	2.64	2.75	W	W
Alabama	2.64	2.98	-11.0%	2.64	2.98	--	--
Kentucky	2.51	2.53	-0.8%	2.51	2.53	--	--
Mississippi	W	W	W	5.13	3.51	W	W
Tennessee	3.12	3.65	-15.0%	3.12	3.65	--	--
West South Central	2.12	2.10	1.0%	2.15	2.09	2.10	2.10
Arkansas	W	W	W	1.96	2.05	W	W
Louisiana	W	W	W	3.13	2.96	W	W
Oklahoma	2.15	1.96	9.7%	2.15	1.96	--	--
Texas	W	W	W	2.07	2.02	W	W
Mountain	W	W	W	2.62	2.30	W	W
Arizona	3.24	3.13	3.5%	3.24	3.13	--	--
Colorado	1.95	2.12	-8.0%	1.95	2.12	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	4.40	6.10	W	W
New Mexico	3.56	3.76	-5.3%	3.56	3.76	--	--
Utah	3.43	2.57	33.0%	3.43	2.57	--	--
Wyoming	W	W	W	1.64	1.68	W	W
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	4.55	4.68	-2.8%	4.55	4.68	--	--
Alaska	4.55	4.68	-2.8%	4.55	4.68	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.51	2.47	1.6%	2.59	2.51	2.22	2.29

Displayed values of zero may represent small values that round to zero.
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 W = Withheld to avoid disclosure of individual company data.

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

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

Table 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, (Year-to-Date) June 2024 and 2023
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	W	W	W	--	--	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	W	W	--	--	--	W
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.18	2.86	-24.0%	--	--	2.18	2.86
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	2.18	2.86	-24.0%	--	--	2.18	2.86
East North Central	2.50	2.51	-0.4%	2.70	2.67	2.13	2.26
Illinois	W	W	W	2.18	2.03	W	W
Indiana	W	W	W	2.93	2.96	W	W
Michigan	2.71	W	W	2.71	2.51	--	W
Ohio	2.72	2.52	7.9%	2.71	2.65	2.72	2.49
Wisconsin	2.36	2.53	-6.7%	2.36	2.53	--	--
West North Central	1.81	1.86	-2.7%	1.81	1.86	--	--
Iowa	1.96	1.82	7.7%	1.96	1.82	--	--
Kansas	1.60	1.70	-5.9%	1.60	1.70	--	--
Minnesota	2.28	2.41	-5.4%	2.28	2.41	--	--
Missouri	1.82	1.92	-5.2%	1.82	1.92	--	--
Nebraska	1.28	1.33	-3.8%	1.28	1.33	--	--
North Dakota	1.86	1.91	-2.6%	1.86	1.91	--	--
South Dakota	2.36	2.28	3.5%	2.36	2.28	--	--
South Atlantic	3.41	3.57	-4.5%	3.49	3.68	2.37	2.70
Delaware	--	W	W	--	--	--	W
District of Columbia	--	--	--	--	--	--	--
Florida	3.41	3.42	-0.3%	3.41	3.42	--	--
Georgia	4.09	4.73	-14.0%	4.09	4.73	--	--
Maryland	W	W	W	--	--	W	W
North Carolina	4.44	4.53	-2.0%	4.44	4.53	--	--
South Carolina	3.25	W	W	3.25	3.70	--	W
Virginia	4.63	5.32	-13.0%	4.63	5.32	--	--
West Virginia	W	W	W	2.88	3.00	W	W
East South Central	W	W	W	2.62	2.76	W	W
Alabama	2.78	3.06	-9.2%	2.78	3.06	--	--
Kentucky	2.44	2.53	-3.6%	2.44	2.53	--	--
Mississippi	W	W	W	4.15	4.53	W	W
Tennessee	3.26	3.38	-3.6%	3.26	3.38	--	--
West South Central	2.08	2.20	-5.5%	2.08	2.26	2.09	2.14
Arkansas	W	W	W	2.02	2.23	W	W
Louisiana	W	W	W	2.66	3.01	W	W
Oklahoma	2.17	2.29	-5.2%	2.17	2.29	--	--
Texas	W	W	W	2.00	2.13	W	W
Mountain	W	W	W	2.75	2.34	W	W
Arizona	3.17	3.09	2.6%	3.17	3.09	--	--
Colorado	2.11	1.99	6.0%	2.11	1.99	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	4.57	4.65	W	W
New Mexico	3.66	3.51	4.3%	3.66	3.51	--	--
Utah	3.63	2.50	45.0%	3.63	2.50	--	--
Wyoming	W	W	W	1.78	1.74	W	W
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	4.61	4.69	-1.7%	4.61	4.69	--	--
Alaska	4.61	4.69	-1.7%	4.61	4.69	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.51	2.52	-0.4%	2.60	2.57	2.15	2.31

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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.

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

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

Table 4.11.A. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, June 2024 and 2023
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023
New England	W	W	W	--	--	W	W
Connecticut	--	W	W	--	--	--	W
Maine	W	W	W	--	--	W	W
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	17.58	W	W	--	--	17.58	W
New Jersey	--	--	--	--	--	--	--
New York	W	W	W	--	--	W	W
Pennsylvania	W	W	W	--	--	W	W
East North Central	17.82	18.12	-1.7%	17.79	17.99	17.85	19.66
Illinois	W	19.66	W	18.29	--	W	19.66
Indiana	17.96	18.44	-2.6%	17.96	18.44	--	--
Michigan	16.94	17.19	-1.5%	16.94	17.19	--	--
Ohio	W	20.82	W	20.15	20.82	W	--
Wisconsin	18.66	18.08	3.2%	18.66	18.08	--	--
West North Central	18.20	18.98	-4.1%	18.20	18.98	--	--
Iowa	17.61	18.95	-7.1%	17.61	18.95	--	--
Kansas	17.97	18.61	-3.4%	17.97	18.61	--	--
Minnesota	17.05	18.84	-9.5%	17.05	18.84	--	--
Missouri	17.80	18.47	-3.6%	17.80	18.47	--	--
Nebraska	--	18.96	--	--	18.96	--	--
North Dakota	19.42	20.64	-5.9%	19.42	20.64	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	W	18.72	W	19.17	18.97	W	17.66
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	20.11	18.78	7.1%	20.11	18.78	--	--
Georgia	20.40	21.01	-2.9%	20.40	21.01	--	--
Maryland	W	W	W	--	--	W	W
North Carolina	18.71	17.88	4.6%	18.71	17.88	--	--
South Carolina	18.61	18.54	0.4%	18.61	18.54	--	--
Virginia	W	W	W	19.71	18.36	W	W
West Virginia	18.32	W	W	18.32	19.19	--	W
East South Central	17.69	17.97	-1.6%	17.69	17.97	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	17.57	18.19	-3.4%	17.57	18.19	--	--
Mississippi	18.63	--	--	18.63	--	--	--
Tennessee	17.84	17.94	-0.6%	17.84	17.94	--	--
West South Central	W	W	W	17.42	18.30	W	W
Arkansas	16.84	W	W	16.84	--	--	W
Louisiana	--	--	--	--	--	--	--
Oklahoma	17.20	18.67	-7.9%	17.20	18.67	--	--
Texas	W	W	W	18.25	18.22	W	W
Mountain	W	W	W	19.90	23.40	W	W
Arizona	22.05	21.55	2.3%	22.05	21.55	--	--
Colorado	--	25.08	--	--	25.08	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	23.51	W	W	23.51	26.88	--	W
New Mexico	--	--	--	--	--	--	--
Utah	19.87	20.64	-3.7%	19.87	20.64	--	--
Wyoming	18.19	23.81	-24.0%	18.19	23.81	--	--
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	17.76	16.97	W	W
Alaska	22.62	21.49	5.3%	22.62	21.49	--	--
Hawaii	W	W	W	17.76	16.97	W	W
U.S. Total	17.97	17.67	1.7%	17.94	17.45	18.04	18.64

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Notes:

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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.

Petroleum Liquids includes distillate and residual fuel oils.

See the Technical Notes for fuel conversion factors.

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

**Table 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) June 2024 and 2023
(Dollars per MMBtu)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	18.13	W	W	--	--	18.13	W
Connecticut	W	W	W	--	--	W	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	--	W	W
New Hampshire	W	W	W	--	--	W	W
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	17.71	17.46	1.4%	18.30	15.58	17.41	19.25
New Jersey	--	W	W	--	--	--	W
New York	W	16.82	W	18.30	15.58	W	18.45
Pennsylvania	W	W	W	--	--	W	W
East North Central	18.97	19.69	-3.7%	18.73	19.27	19.29	20.89
Illinois	20.08	23.21	-13.0%	20.20	22.47	20.07	23.33
Indiana	18.85	21.04	-10.0%	18.85	21.04	--	--
Michigan	18.54	16.53	12.0%	18.54	16.53	--	--
Ohio	19.13	21.56	-11.0%	19.63	23.53	19.07	20.27
Wisconsin	18.12	19.85	-8.7%	18.12	19.85	--	--
West North Central	19.00	21.40	-11.0%	19.00	21.40	--	--
Iowa	19.10	20.97	-8.9%	19.10	20.97	--	--
Kansas	19.12	20.83	-8.2%	19.12	20.83	--	--
Minnesota	18.44	20.44	-9.8%	18.44	20.44	--	--
Missouri	18.67	21.99	-15.0%	18.67	21.99	--	--
Nebraska	17.75	20.48	-13.0%	17.75	20.48	--	--
North Dakota	19.86	20.97	-5.3%	19.86	20.97	--	--
South Dakota	18.04	23.14	-22.0%	18.04	23.14	--	--
South Atlantic	19.15	22.13	-13.0%	20.03	21.66	17.65	24.98
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	20.62	W	W	20.62	20.95	--	W
Georgia	21.15	24.52	-14.0%	21.15	24.52	--	--
Maryland	17.43	20.69	-16.0%	--	--	17.43	20.69
North Carolina	19.73	24.68	-20.0%	19.73	24.68	--	--
South Carolina	19.75	W	W	19.75	21.97	--	W
Virginia	W	W	W	19.94	17.59	W	W
West Virginia	19.60	W	W	19.60	22.04	--	W
East South Central	19.26	21.60	-11.0%	19.26	21.60	--	--
Alabama	19.78	23.55	-16.0%	19.78	23.55	--	--
Kentucky	19.39	22.41	-13.0%	19.39	22.41	--	--
Mississippi	19.14	23.27	-18.0%	19.14	23.27	--	--
Tennessee	18.25	20.96	-13.0%	18.25	20.96	--	--
West South Central	18.12	20.32	-11.0%	17.48	20.50	19.90	20.00
Arkansas	W	W	W	17.83	21.63	W	W
Louisiana	19.11	--	--	19.11	--	--	--
Oklahoma	17.86	20.55	-13.0%	17.86	20.55	--	--
Texas	W	W	W	17.14	19.69	W	W
Mountain	W	25.69	W	21.21	25.69	W	25.74
Arizona	22.86	27.18	-16.0%	22.86	27.18	--	--
Colorado	21.88	27.58	-21.0%	21.88	27.58	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	20.32	--	W	W
Nevada	W	W	W	24.61	29.41	W	W
New Mexico	--	--	--	--	--	--	--
Utah	W	W	W	20.59	25.79	W	W
Wyoming	20.08	24.09	-17.0%	20.08	24.09	--	--
Pacific Contiguous	W	W	W	24.28	25.90	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	24.28	25.90	W	W
Pacific Noncontiguous	W	W	W	18.97	19.71	W	W
Alaska	22.23	24.01	-7.4%	22.23	24.01	--	--
Hawaii	W	W	W	18.96	19.70	W	W
U.S. Total	19.18	20.08	-4.5%	19.07	20.25	19.53	19.53

Displayed values of zero may represent small values that round to zero.

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

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 EIA-923.

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

Petroleum Liquids includes distillate and residual fuel oils.

See the Technical Notes for fuel conversion factors.

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

**Table 4.12.A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, June 2024 and 2023
(Dollars per MMBtu)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	2.62	2.92	-10.0%	2.62	2.92	--	--
Illinois	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	2.62	2.86	-8.4%	2.62	2.86	--	--
Ohio	--	--	--	--	--	--	--
Wisconsin	--	5.14	--	--	5.14	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	3.64	4.21	-14.0%	3.64	4.21	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	3.64	4.21	-14.0%	3.64	4.21	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	2.88	--	--	2.88	--	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	2.88	--	--	2.88	--	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	3.11	3.48	-11.0%	3.11	3.48	--	--

Displayed values of zero may represent small values that round to zero.
 NM = Not meaningful due to large relative standard error or excessive percentage change.
 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 EIA-923.
 Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
 Petroleum Coke includes petroleum coke-derived synthesis gas.
 See the Technical Notes for fuel conversion factors.

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

**Table 4.12.B. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) June 2024 and 2023
(Dollars per MMBtu)**

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	2.63	2.99	-12.0%	2.63	2.99	--	--
Illinois	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	2.64	2.88	-8.3%	2.64	2.88	--	--
Ohio	--	--	--	--	--	--	--
Wisconsin	2.36	5.25	-55.0%	2.36	5.25	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	3.66	5.79	-37.0%	3.66	5.79	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	3.66	5.79	-37.0%	3.66	5.79	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	2.88	4.74	-39.0%	2.88	4.74	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	2.88	4.74	-39.0%	2.88	4.74	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.85	4.44	-36.0%	2.85	4.44	--	--

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 Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
 Petroleum Coke includes petroleum coke-derived synthesis gas.
 See the Technical Notes for fuel conversion factors.

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

Table 4.13.A. Average Cost of Natural Gas Delivered for Electricity Generation by State, June 2024 and 2023
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2024	June 2023	Percentage Change	June 2024	June 2023	June 2024	June 2023
New England	W	W	W	--	--	W	W
Connecticut	2.18	2.51	-13.0%	--	--	2.18	2.51
Maine	W	W	W	--	--	W	W
Massachusetts	2.19	2.72	-19.0%	--	--	2.19	2.72
New Hampshire	W	W	W	--	--	W	W
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	1.99	1.65	21.0%	2.21	1.79	1.97	1.64
New Jersey	1.87	1.52	23.0%	--	--	1.87	1.52
New York	2.35	1.96	20.0%	2.21	1.79	2.41	2.03
Pennsylvania	1.85	1.53	21.0%	--	--	1.85	1.53
East North Central	2.20	2.32	-5.2%	2.43	2.78	2.04	2.06
Illinois	2.00	W	W	2.09	2.28	1.99	W
Indiana	2.37	2.49	-4.8%	2.60	2.64	2.12	2.32
Michigan	2.29	2.43	-5.8%	2.50	2.64	2.06	2.26
Ohio	2.05	1.83	12.0%	2.18	1.98	2.03	1.80
Wisconsin	2.38	W	W	2.38	3.52	--	W
West North Central	W	W	W	2.72	2.67	W	W
Iowa	2.60	2.72	-4.4%	2.60	2.72	--	--
Kansas	3.09	2.42	28.0%	3.09	2.42	--	--
Minnesota	W	W	W	2.91	3.05	W	W
Missouri	W	W	W	2.40	2.41	W	W
Nebraska	2.83	2.56	11.0%	2.83	2.56	--	--
North Dakota	3.17	3.23	-1.9%	3.17	3.23	--	--
South Dakota	2.39	2.42	-1.2%	2.39	2.42	--	--
South Atlantic	3.84	3.27	17.0%	3.98	3.41	2.82	2.23
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	4.13	3.53	W	W
Georgia	W	W	W	3.30	2.56	W	W
Maryland	W	2.26	W	2.44	1.92	W	2.42
North Carolina	W	W	W	4.76	4.44	W	W
South Carolina	3.97	3.74	6.1%	3.97	3.74	--	--
Virginia	2.77	2.48	12.0%	2.98	2.75	2.19	1.74
West Virginia	W	W	W	1.85	1.74	W	W
East South Central	2.91	2.50	16.0%	2.82	2.51	3.33	2.48
Alabama	W	W	W	3.28	2.72	W	W
Kentucky	W	W	W	2.91	2.88	W	W
Mississippi	W	W	W	2.60	2.40	W	W
Tennessee	2.66	2.24	19.0%	2.66	2.24	--	--
West South Central	2.30	2.33	-1.3%	2.34	2.38	2.27	2.30
Arkansas	W	W	W	2.35	2.26	W	W
Louisiana	W	W	W	2.62	2.49	W	W
Oklahoma	W	W	W	2.39	2.35	W	W
Texas	2.21	2.32	-4.7%	2.07	2.34	2.27	2.31
Mountain	1.86	2.86	-35.0%	1.85	2.87	2.07	2.64
Arizona	W	W	W	1.80	2.97	W	W
Colorado	W	W	W	2.25	3.26	W	W
Idaho	1.80	2.58	-30.0%	1.80	2.58	--	--
Montana	0.64	2.05	-69.0%	0.64	2.05	--	--
Nevada	2.08	2.90	-28.0%	2.08	2.90	--	--
New Mexico	0.84	2.18	-61.0%	0.84	2.18	--	--
Utah	2.22	2.81	-21.0%	2.22	2.81	--	--
Wyoming	W	W	W	1.67	2.63	W	W
Pacific Contiguous	2.76	3.32	-17.0%	2.88	3.61	2.62	3.01
California	3.15	W	W	3.34	4.24	2.89	W
Oregon	W	W	W	1.50	2.11	W	W
Washington	W	W	W	1.96	3.86	W	W
Pacific Noncontiguous	8.24	8.07	2.1%	8.24	8.07	--	--
Alaska	8.24	8.07	2.1%	8.24	8.07	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.70	2.58	4.7%	3.02	2.93	2.23	2.13

Displayed values of zero may represent small values that round to zero.

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Notes:

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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 4.13.B. Average Cost of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) June 2024 and 2023
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	June 2024 YTD	June 2023 YTD	Percentage Change	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	4.45	W	W	--	--	4.45	W
Connecticut	3.19	4.64	-31.0%	--	--	3.19	4.64
Maine	W	W	W	--	--	W	W
Massachusetts	7.42	11.15	-33.0%	--	--	7.42	11.15
New Hampshire	W	W	W	--	--	W	W
Rhode Island	W	W	W	--	--	W	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.39	2.72	-12.0%	2.79	4.07	2.35	2.61
New Jersey	2.63	2.40	9.6%	--	--	2.63	2.40
New York	2.93	3.67	-20.0%	2.79	4.07	2.99	3.50
Pennsylvania	2.06	2.40	-14.0%	--	--	2.06	2.40
East North Central	2.42	2.80	-14.0%	2.68	3.41	2.28	2.46
Illinois	W	W	W	1.92	2.64	W	W
Indiana	2.54	2.99	-15.0%	2.87	3.18	2.24	2.78
Michigan	2.35	2.78	-15.0%	2.57	3.09	2.22	2.61
Ohio	2.23	2.31	-3.5%	2.47	2.75	2.19	2.24
Wisconsin	W	W	W	2.81	4.18	W	W
West North Central	W	W	W	2.74	3.29	W	W
Iowa	2.36	2.85	-17.0%	2.36	2.85	--	--
Kansas	2.79	3.13	-11.0%	2.79	3.13	--	--
Minnesota	W	W	W	3.03	4.63	W	W
Missouri	W	W	W	2.77	2.91	W	W
Nebraska	4.26	2.78	53.0%	4.26	2.78	--	--
North Dakota	3.15	3.90	-19.0%	3.15	3.90	--	--
South Dakota	2.46	2.53	-2.8%	2.46	2.53	--	--
South Atlantic	3.66	4.06	-9.9%	3.79	4.24	2.79	2.74
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	W	W	3.61	4.08	W	W
Georgia	W	W	W	3.07	3.03	W	W
Maryland	W	W	W	3.14	2.71	W	W
North Carolina	W	W	W	5.40	6.10	W	W
South Carolina	3.91	4.08	-4.2%	3.91	4.08	--	--
Virginia	3.08	3.94	-22.0%	3.40	4.49	2.19	2.51
West Virginia	W	W	W	3.36	2.08	W	W
East South Central	2.82	2.94	-4.1%	2.79	3.01	2.96	2.71
Alabama	W	W	W	2.83	3.25	W	W
Kentucky	W	W	W	3.40	3.82	W	W
Mississippi	W	W	W	2.62	2.76	W	W
Tennessee	2.74	2.95	-7.1%	2.74	2.95	--	--
West South Central	2.37	2.57	-7.8%	2.54	2.78	2.22	2.40
Arkansas	W	W	W	2.77	2.71	W	W
Louisiana	W	W	W	2.69	2.74	W	W
Oklahoma	W	W	W	2.82	3.17	W	W
Texas	2.20	2.46	-11.0%	2.17	2.63	2.22	2.41
Mountain	2.61	6.93	-62.0%	2.60	7.12	2.74	5.41
Arizona	2.33	5.34	-56.0%	2.26	5.21	2.62	5.83
Colorado	W	W	W	2.78	4.52	W	W
Idaho	3.36	11.41	-71.0%	3.36	11.41	--	--
Montana	1.90	2.49	-24.0%	1.90	2.49	--	--
Nevada	3.06	10.93	-72.0%	3.06	10.93	--	--
New Mexico	1.30	2.87	-55.0%	1.30	2.87	--	--
Utah	3.45	11.95	-71.0%	3.45	11.95	--	--
Wyoming	W	W	W	2.57	11.14	W	W
Pacific Contiguous	W	9.55	W	3.92	10.81	W	8.17
California	4.18	10.79	-61.0%	4.44	12.48	3.91	9.25
Oregon	W	W	W	2.61	7.89	W	W
Washington	W	W	W	3.77	9.17	W	W
Pacific Noncontiguous	8.23	7.94	3.7%	8.23	7.94	--	--
Alaska	8.23	7.94	3.7%	8.23	7.94	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.89	3.81	-24.0%	3.15	4.33	2.54	3.10

Displayed values of zero may represent small values that round to zero.

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

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 EIA-923.

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

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

Table 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, June 2024

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	3	0.97	4.8	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	3	0.97	4.8	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	189	2.65	8.1	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	189	2.65	8.1	0	--	--	0	--	--
East North Central	3,370	3.15	10.9	3,101	0.25	4.5	0	--	--
Illinois	626	3.49	21.6	1,028	0.25	4.6	0	--	--
Indiana	1,457	2.97	9.5	46	0.20	4.3	0	--	--
Michigan	113	2.33	7.9	1,224	0.26	4.5	0	--	--
Ohio	1,112	3.35	8.7	0	--	--	0	--	--
Wisconsin	62	2.40	7.8	803	0.23	4.5	0	--	--
West North Central	16	3.09	8.4	4,152	0.25	4.7	1,629	0.76	10.4
Iowa	0	--	--	742	0.29	4.7	0	--	--
Kansas	0	--	--	584	0.28	4.9	0	--	--
Minnesota	0	--	--	371	0.23	4.6	0	--	--
Missouri	16	3.09	8.4	1,734	0.24	4.7	0	--	--
Nebraska	0	--	--	596	0.26	4.9	0	--	--
North Dakota	0	--	--	0	--	--	1,629	0.76	10.4
South Dakota	0	--	--	125	0.24	4.7	0	--	--
South Atlantic	3,451	2.59	10.2	381	0.35	5.3	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	268	3.01	9.0	0	--	--	0	--	--
Georgia	251	2.49	9.1	381	0.35	5.3	0	--	--
Maryland	69	2.61	7.9	0	--	--	0	--	--
North Carolina	663	1.55	9.9	0	--	--	0	--	--
South Carolina	502	2.11	9.2	0	--	--	0	--	--
Virginia	136	0.96	25.6	0	--	--	0	--	--
West Virginia	1,562	3.23	10.1	0	--	--	0	--	--
East South Central	2,043	2.88	9.7	1,516	0.25	4.9	167	0.59	14.4
Alabama	86	1.45	13.8	832	0.26	4.9	0	--	--
Kentucky	1,614	3.06	9.6	577	0.24	4.7	0	--	--
Mississippi	25	0.46	13.0	48	0.23	4.7	167	0.59	14.4
Tennessee	319	2.56	8.9	59	0.26	5.2	0	--	--
West South Central	46	2.64	8.8	3,692	0.28	4.9	918	1.10	16.9
Arkansas	5	0.69	12.3	614	0.24	4.5	0	--	--
Louisiana	41	2.92	8.3	240	0.25	4.5	0	--	--
Oklahoma	0	--	--	144	0.24	4.8	0	--	--
Texas	0	--	--	2,693	0.30	5.1	918	1.10	16.9
Mountain	1,185	0.73	14.4	2,647	0.41	6.8	0	--	--
Arizona	0	--	--	420	0.52	10.8	0	--	--
Colorado	14	0.43	13.0	637	0.34	5.9	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	163	0.65	9.1	0	--	--
Nevada	54	0.38	6.4	100	0.41	5.1	0	--	--
New Mexico	496	0.80	19.1	0	--	--	0	--	--
Utah	621	0.73	12.0	62	0.23	4.8	0	--	--
Wyoming	0	--	--	1,265	0.38	5.9	0	--	--
Pacific Contiguous	47	0.31	6.3	152	0.33	7.9	0	--	--
California	47	0.31	6.3	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	152	0.33	7.9	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	15	0.19	8.9
Alaska	0	--	--	0	--	--	15	0.19	8.9
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	10,351	2.63	10.7	15,640	0.29	5.2	2,729	0.86	12.8

Displayed values of zero may represent small values that round to zero.

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

W = Withheld to avoid disclosure of individual company data.

Notes:

Bituminous coal includes anthracite coal and coal-derived synthesis gas.

See Glossary for definitions. Values for 2023 and 2024 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Electric Utilities by State, June 2024

Census Division and State	Bituminous			Subbituminous			Lignite		
	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight	Receipts (Thousand Tons)	Average Sulfur Percent by Weight	Average Ash Percent by Weight
New England	0	--	--	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	0	--	--	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	0	--	--	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	0	--	--	0	--	--	0	--	--
East North Central	1,732	2.90	9.3	2,324	0.24	4.5	0	--	--
Illinois	68	2.82	11.1	251	0.22	4.6	0	--	--
Indiana	1,290	2.89	9.5	46	0.20	4.3	0	--	--
Michigan	113	2.33	7.9	1,224	0.26	4.5	0	--	--
Ohio	199	3.47	8.9	0	--	--	0	--	--
Wisconsin	62	2.40	7.8	803	0.23	4.5	0	--	--
West North Central	16	3.09	8.4	3,930	0.25	4.7	1,629	0.76	10.4
Iowa	0	--	--	567	0.26	4.6	0	--	--
Kansas	0	--	--	584	0.28	4.9	0	--	--
Minnesota	0	--	--	371	0.23	4.6	0	--	--
Missouri	16	3.09	8.4	1,734	0.24	4.7	0	--	--
Nebraska	0	--	--	549	0.26	4.9	0	--	--
North Dakota	0	--	--	0	--	--	1,629	0.76	10.4
South Dakota	0	--	--	125	0.24	4.7	0	--	--
South Atlantic	3,141	2.54	10.3	381	0.35	5.3	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	268	3.01	9.0	0	--	--	0	--	--
Georgia	239	2.58	9.2	381	0.35	5.3	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	663	1.55	9.9	0	--	--	0	--	--
South Carolina	495	2.13	9.3	0	--	--	0	--	--
Virginia	126	0.96	27.4	0	--	--	0	--	--
West Virginia	1,349	3.18	10.3	0	--	--	0	--	--
East South Central	1,983	2.94	9.8	1,516	0.25	4.9	0	--	--
Alabama	86	1.45	13.8	832	0.26	4.9	0	--	--
Kentucky	1,614	3.06	9.6	577	0.24	4.7	0	--	--
Mississippi	25	0.46	13.0	48	0.23	4.7	0	--	--
Tennessee	259	2.96	9.1	59	0.26	5.2	0	--	--
West South Central	41	2.92	8.3	1,683	0.26	4.7	127	2.17	30.5
Arkansas	0	--	--	499	0.24	4.4	0	--	--
Louisiana	41	2.92	8.3	113	0.22	4.5	0	--	--
Oklahoma	0	--	--	144	0.24	4.8	0	--	--
Texas	0	--	--	926	0.29	4.9	127	2.17	30.5
Mountain	1,185	0.73	14.4	2,438	0.39	6.7	0	--	--
Arizona	0	--	--	420	0.52	10.8	0	--	--
Colorado	14	0.43	13.0	637	0.34	5.9	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	54	0.38	6.4	56	0.49	5.4	0	--	--
New Mexico	496	0.80	19.1	0	--	--	0	--	--
Utah	621	0.73	12.0	62	0.23	4.8	0	--	--
Wyoming	0	--	--	1,264	0.38	5.9	0	--	--
Pacific Contiguous	0	--	--	0	--	--	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	15	0.19	8.9
Alaska	0	--	--	0	--	--	15	0.19	8.9
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	8,098	2.48	10.5	12,271	0.28	5.1	1,771	0.83	11.6

Displayed values of zero may represent small values that round to zero.

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

W = Withheld to avoid disclosure of individual company data.

Notes:

Bituminous coal includes anthracite coal and coal-derived synthesis gas.

See Glossary for definitions. Values for 2023 and 2024 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 4.16. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Independent Power Producers by State, June 2024

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	3	0.97	4.8	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	3	0.97	4.8	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	179	2.69	8.2	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	179	2.69	8.2	0	--	--	0	--	--
East North Central	1,583	3.41	12.8	723	0.23	4.5	0	--	--
Illinois	503	3.58	25.0	723	0.23	4.5	0	--	--
Indiana	167	3.59	9.0	0	--	--	0	--	--
Michigan	0	--	--	0	--	--	0	--	--
Ohio	913	3.32	8.7	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	0	--	--	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	282	3.34	8.9	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	69	2.61	7.9	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	0	--	--	0	--	--	0	--	--
West Virginia	213	3.59	9.2	0	--	--	0	--	--
East South Central	0	--	--	0	--	--	167	0.59	14.4
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	167	0.59	14.4
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	0	--	--	2,009	0.30	5.1	791	0.97	15.3
Arkansas	0	--	--	115	0.23	4.5	0	--	--
Louisiana	0	--	--	127	0.28	4.5	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	1,767	0.31	5.2	791	0.97	15.3
Mountain	0	--	--	208	0.57	8.1	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	163	0.65	9.1	0	--	--
Nevada	0	--	--	44	0.30	4.8	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	1	0.39	5.9	0	--	--
Pacific Contiguous	0	--	--	152	0.33	7.9	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	152	0.33	7.9	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	2,047	3.33	11.7	3,092	0.30	5.3	959	0.92	15.2

Displayed values of zero may represent small values that round to zero.

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W = Withheld to avoid disclosure of individual company data.

Notes:

Bituminous coal includes anthracite coal and coal-derived synthesis gas.

See Glossary for definitions. Values for 2023 and 2024 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 4.17. Receipts and Quality of Coal by Rank Delivered for Electricity Generation:
Commercial Sector by State, June 2024**

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	0	--	--	0	--	--	0	--	--
Illinois	0	--	--	0	--	--	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	0	--	--	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	0	--	--	0	--	--	0	--	--
Iowa	0	--	--	0	--	--	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	0	--	--	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	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	0	--	--	0	--	--	0	--	--

Displayed values of zero may represent small values that round to zero.

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

W = Withheld to avoid disclosure of individual company data.

Notes:

Bituminous coal includes anthracite coal and coal-derived synthesis gas.

See Glossary for definitions. Values for 2023 and 2024 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, June 2024

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	10	2.00	7.9	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	10	2.00	7.9	0	--	--	0	--	--
East North Central	55	3.65	8.5	54	0.60	5.5	0	--	--
Illinois	55	3.65	8.5	54	0.60	5.5	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	0	--	--	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	0	--	--	222	0.37	4.9	0	--	--
Iowa	0	--	--	175	0.40	4.9	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	47	0.24	4.6	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	29	0.83	7.8	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	12	0.74	8.1	0	--	--	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	7	0.78	6.7	0	--	--	0	--	--
Virginia	9	0.97	8.2	0	--	--	0	--	--
West Virginia	0	--	--	0	--	--	0	--	--
East South Central	60	0.98	8.1	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	60	0.98	8.1	0	--	--	0	--	--
West South Central	5	0.69	12.3	0	--	--	0	--	--
Arkansas	5	0.69	12.3	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	47	0.31	6.3	0	--	--	0	--	--
California	47	0.31	6.3	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	207	1.54	7.9	276	0.41	5.0	0	--	--

Displayed values of zero may represent small values that round to zero.

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

W = Withheld to avoid disclosure of individual company data.

Notes:

Bituminous coal includes anthracite coal and coal-derived synthesis gas.

See Glossary for definitions. Values for 2023 and 2024 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."

Chapter 5

Sales to Ultimate Consumers, Revenue and Average Price of Electricity to Ultimate Consumers

**Table 5.1. Sales of Electricity to Ultimate Customers:
Total by End-Use Sector, 2014 - June 2024 (Thousand Megawatthours)**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2014	1,407,208	1,352,158	997,576	7,758	3,764,700
2015	1,404,096	1,360,752	986,508	7,637	3,758,992
2016	1,411,058	1,367,191	976,715	7,497	3,762,462
2017	1,378,648	1,352,888	984,298	7,523	3,723,356
2018	1,469,093	1,381,755	1,000,673	7,665	3,859,185
2019	1,440,289	1,360,877	1,002,353	7,632	3,811,150
2020	1,464,605	1,287,440	959,082	6,548	3,717,674
2021	1,470,487	1,328,439	1,000,613	6,334	3,805,874
2022	1,509,233	1,390,873	1,020,464	6,599	3,927,169
2023	1,454,667	1,374,922	1,024,949	6,804	3,861,342
Year 2022					
January	140,504	113,605	83,982	565	338,656
February	125,342	103,063	76,893	566	305,863
March	111,439	108,603	83,679	579	304,300
April	97,432	104,566	82,422	513	284,933
May	110,071	113,007	86,090	529	309,697
June	136,310	121,567	88,716	513	347,106
July	164,277	133,952	90,420	566	389,214
August	160,271	135,676	93,143	536	389,626
Sept	129,241	124,195	86,550	558	340,544
October	99,792	111,851	85,017	535	297,196
November	103,152	106,858	81,701	546	292,258
December	131,402	113,929	81,852	593	327,776
Year 2023					
January	132,059	110,493	78,965	569	322,084
February	112,543	101,434	76,054	550	290,582
March	110,792	110,071	84,426	567	305,856
April	96,542	101,556	81,765	511	280,373
May	100,479	110,404	86,394	518	297,795
June	121,568	117,727	88,009	568	327,872
July	160,085	133,161	92,565	621	386,432
August	162,031	135,067	94,226	577	391,900
Sept	133,320	123,663	88,495	650	346,129
October	103,767	115,379	88,164	565	307,874
November	102,428	107,051	83,460	549	293,487
December	119,052	108,918	82,427	562	310,959
Year 2024					
January	142,839	114,843	82,723	606	341,010
February	117,716	106,394	77,915	518	302,543
March	103,974	108,266	82,428	611	295,280
April	96,236	105,933	81,058	535	283,763
May	109,076	115,422	86,699	596	311,793
June	139,206	125,515	86,809	569	352,098
Year to Date					
2022	721,098	664,411	501,781	3,265	1,890,555
2023	673,983	651,684	495,613	3,282	1,824,561
2024	709,047	676,373	497,633	3,434	1,886,486
Rolling 12 Months Ending in June					
2023	1,462,118	1,378,146	1,014,295	6,616	3,861,175
2024	1,489,730	1,399,611	1,026,969	6,957	3,923,267

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 2022 and prior years are final. Values for 2024 and 2023 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

Sources: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Industry Power Report.

Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;

Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

**Table 5.2. Revenue from Sales of Electricity to Ultimate Customers:
Total by End-Use Sector, 2014 - June 2024 (Million Dollars)**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2014	176,178	145,253	70,855	810	393,096
2015	177,624	144,781	68,166	771	391,341
2016	177,077	142,643	66,068	722	386,509
2017	177,661	144,242	67,691	728	390,322
2018	189,033	147,425	69,218	744	406,420
2019	187,436	145,280	68,285	737	401,738
2020	192,663	136,372	63,956	648	393,639
2021	200,834	149,008	71,835	646	422,323
2022	226,990	172,600	84,895	765	485,249
2023	232,463	175,231	82,566	864	491,124
Year 2022					
January	19,163	12,794	6,037	60	38,053
February	17,247	12,019	5,601	62	34,929
March	16,062	12,647	6,164	63	34,936
April	14,194	12,355	6,343	58	32,950
May	16,394	13,561	7,099	57	37,112
June	20,850	15,506	7,854	62	44,272
July	25,155	17,435	8,422	70	51,082
August	25,354	18,199	8,739	69	52,361
Sept	20,930	16,492	7,841	70	45,333
October	15,961	14,418	7,184	63	37,627
November	16,041	13,179	6,654	63	35,937
December	19,637	13,996	6,955	68	40,656
Year 2023					
January	20,434	14,088	6,572	70	41,164
February	17,983	12,878	6,158	71	37,090
March	17,627	13,734	6,576	69	38,006
April	15,545	12,400	6,132	61	34,138
May	16,225	13,605	6,587	64	36,481
June	19,582	15,035	7,113	70	41,800
July	25,431	17,403	7,705	79	50,618
August	25,806	17,889	8,361	76	52,132
Sept	21,717	16,362	7,468	93	45,640
October	16,808	14,833	7,058	72	38,771
November	16,579	13,511	6,522	69	36,681
December	18,726	13,494	6,314	69	38,603
Year 2024					
January	22,070	14,567	6,700	77	43,414
February	18,951	13,631	6,084	68	38,735
March	17,347	13,810	6,373	73	37,602
April	16,240	13,415	6,336	68	36,059
May	17,917	14,410	6,889	73	39,290
June	22,845	16,437	7,329	73	46,684
Year to Date					
2022	103,911	78,881	39,099	361	222,253
2023	107,397	81,739	39,137	406	228,680
2024	115,370	86,270	39,711	431	241,782
Rolling 12 Months Ending in June					
2023	230,476	175,458	84,933	810	491,676
2024	240,436	179,761	83,139	889	504,226

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 2022 and prior years are final. Values for 2024 and 2023 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

Sources: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Industry Power Report.

Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;

Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

**Table 5.3. Average Price of Electricity to Ultimate Customers:
Total by End-Use Sector, 2014 - June 2024 (Cents per Kilowatthour)**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2014	12.52	10.74	7.10	10.45	10.44
2015	12.65	10.64	6.91	10.09	10.41
2016	12.55	10.43	6.76	9.63	10.27
2017	12.89	10.66	6.88	9.68	10.48
2018	12.87	10.67	6.92	9.70	10.53
2019	13.01	10.68	6.81	9.66	10.54
2020	13.15	10.59	6.67	9.90	10.59
2021	13.66	11.22	7.18	10.20	11.10
2022	15.04	12.41	8.32	11.59	12.36
2023	15.98	12.74	8.06	12.70	12.72
Year 2022					
January	13.64	11.26	7.19	10.54	11.24
February	13.76	11.66	7.28	10.95	11.42
March	14.41	11.65	7.37	10.87	11.48
April	14.57	11.82	7.70	11.26	11.56
May	14.89	12.00	8.25	10.79	11.98
June	15.30	12.75	8.85	12.10	12.75
July	15.31	13.02	9.31	12.39	13.12
August	15.82	13.41	9.38	12.90	13.44
Sept	16.19	13.28	9.06	12.57	13.31
October	15.99	12.89	8.45	11.81	12.66
November	15.55	12.33	8.14	11.56	12.30
December	14.94	12.28	8.50	11.48	12.40
Year 2023					
January	15.47	12.75	8.32	12.36	12.78
February	15.98	12.70	8.10	12.99	12.76
March	15.91	12.48	7.79	12.18	12.43
April	16.10	12.21	7.50	11.96	12.18
May	16.15	12.32	7.62	12.36	12.25
June	16.11	12.77	8.08	12.36	12.75
July	15.89	13.07	8.32	12.69	13.10
August	15.93	13.24	8.87	13.18	13.30
Sept	16.29	13.23	8.44	14.27	13.19
October	16.20	12.86	8.01	12.77	12.59
November	16.19	12.62	7.81	12.56	12.50
December	15.73	12.39	7.66	12.33	12.41
Year 2024					
January	15.45	12.68	8.10	12.68	12.73
February	16.10	12.81	7.81	13.20	12.80
March	16.68	12.76	7.73	11.91	12.73
April	16.88	12.66	7.82	12.64	12.71
May	16.43	12.48	7.95	12.29	12.60
June	16.41	13.10	8.44	12.76	13.26
Year to Date					
2022	14.41	11.87	7.79	11.07	11.76
2023	15.93	12.54	7.90	12.37	12.53
2024	16.27	12.75	7.98	12.56	12.82
Rolling 12 Months Ending in June					
2023	15.76	12.73	8.37	12.24	12.73
2024	16.14	12.84	8.10	12.78	12.85

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 2022 and prior years are final. Values for 2024 and 2023 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

Sources: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Industry Power Report.

Form EIA-826, Monthly Electric Sales and Revenue Report with State Distributions Report;

Form EIA-861, Annual Electric Power Industry Report; and Form EIA-861S, Annual Electric Power Industry Report (Short Form).

Table 5.4.A. Sales of Electricity to Ultimate Customers by End-Use Sector, by State, June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	3,968	3,440	4,113	4,032	1,272	1,268	42	39	9,395	8,779
Connecticut	1,173	921	1,036	935	226	225	16	15	2,451	2,097
Maine	356	340	325	314	195	173	0	0	876	827
Massachusetts	1,630	1,447	1,919	1,965	484	537	23	21	4,056	3,971
New Hampshire	394	341	336	333	203	169	0	0	933	843
Rhode Island	243	232	331	326	59	59	2	2	635	620
Vermont	173	158	166	159	105	105	0	0	444	422
Middle Atlantic	12,376	10,150	12,446	11,570	5,830	5,947	300	281	30,951	27,948
New Jersey	3,349	2,555	3,258	2,954	506	462	38	18	7,151	5,989
New York	4,414	3,855	6,100	5,732	1,317	1,234	227	222	12,058	11,043
Pennsylvania	4,613	3,739	3,087	2,883	4,007	4,251	34	42	11,741	10,915
East North Central	17,751	15,095	15,884	14,918	15,800	15,726	37	37	49,472	45,775
Illinois	4,773	3,956	3,987	3,853	3,600	3,409	32	33	12,393	11,251
Indiana	3,087	2,592	2,089	1,924	3,609	3,478	2	2	8,787	7,995
Michigan	3,165	2,791	3,315	3,189	2,348	2,439	0	0	8,829	8,419
Ohio	4,823	3,862	4,439	3,945	4,292	4,418	2	2	13,556	12,227
Wisconsin	1,903	1,894	2,053	2,007	1,951	1,982	0	0	5,907	5,883
West North Central	9,680	9,424	9,608	9,111	8,449	8,757	3	3	27,741	27,295
Iowa	1,287	1,268	1,095	1,052	2,317	2,290	0	0	4,700	4,611
Kansas	1,577	1,357	1,520	1,444	981	960	0	0	4,078	3,761
Minnesota	1,783	2,038	1,880	1,988	1,649	1,783	1	1	5,312	5,810
Missouri	3,515	3,109	2,705	2,593	1,114	1,097	2	2	7,336	6,801
Nebraska	851	893	1,077	829	1,026	1,196	0	0	2,953	2,918
North Dakota	298	358	919	780	1,086	1,143	0	0	2,303	2,280
South Dakota	369	401	413	424	276	288	0	0	1,059	1,113
South Atlantic	37,467	31,905	31,294	28,904	11,857	12,012	105	108	80,724	72,928
Delaware	446	385	417	418	179	194	0	0	1,042	997
District of Columbia	210	194	642	590	16	15	32	29	900	829
Florida	13,706	12,459	9,190	8,803	1,506	1,515	6	7	24,408	22,784
Georgia	6,311	5,240	4,537	4,184	2,821	2,851	12	11	13,681	12,286
Maryland	2,490	1,969	2,498	2,234	314	292	37	37	5,339	4,532
North Carolina	5,941	4,947	4,656	4,256	2,289	2,355	1	1	12,887	11,559
South Carolina	3,285	2,658	2,395	2,163	2,121	2,197	0	0	7,801	7,018
Virginia	4,248	3,384	6,321	5,667	1,399	1,392	17	23	11,985	10,466
West Virginia	828	668	639	588	1,213	1,201	0	0	2,681	2,457
East South Central	11,201	9,903	8,451	7,943	8,239	8,163	0	0	27,890	26,009
Alabama	3,220	2,874	2,132	2,043	2,688	2,697	0	0	8,041	7,614
Kentucky	2,364	2,003	1,760	1,635	2,259	2,220	0	0	6,383	5,857
Mississippi	1,850	1,688	1,364	1,296	1,338	1,347	0	0	4,552	4,331
Tennessee	3,766	3,339	3,194	2,970	1,954	1,899	0	0	8,915	8,207
West South Central	24,216	22,384	20,046	18,894	19,973	21,411	2	15	64,237	62,704
Arkansas	1,718	1,547	1,111	1,059	1,702	1,627	0	0	4,532	4,232
Louisiana	3,181	2,954	2,259	2,157	3,649	3,423	1	1	9,090	8,534
Oklahoma	2,540	2,202	2,293	2,022	1,956	1,926	0	0	6,789	6,150
Texas	16,777	15,682	14,383	13,656	12,666	14,436	1	14	43,826	43,788
Mountain	11,679	9,096	9,897	8,708	7,977	7,488	13	12	29,566	25,304
Arizona	4,678	3,651	3,369	2,852	1,251	1,223	1	1	9,299	7,727
Colorado	2,010	1,553	1,759	1,639	1,310	1,277	7	6	5,086	4,476
Idaho	717	637	570	541	1,165	1,028	0	0	2,452	2,205
Montana	377	358	397	394	430	404	0	0	1,204	1,156
Nevada	1,787	1,222	1,225	1,137	1,174	1,066	1	1	4,187	3,426
New Mexico	735	622	851	793	1,120	982	0	0	2,706	2,398
Utah	1,166	867	1,301	1,068	764	696	4	5	3,235	2,636
Wyoming	208	185	426	283	763	811	0	0	1,396	1,279
Pacific Contiguous	10,506	9,820	13,344	13,221	7,011	6,845	67	72	30,928	29,958
California	6,711	5,972	9,612	9,506	3,941	3,683	58	62	20,323	19,224
Oregon	1,333	1,370	1,420	1,382	1,399	1,409	2	2	4,154	4,163
Washington	2,462	2,477	2,312	2,333	1,671	1,753	7	8	6,452	6,571
Pacific Noncontiguous	362	351	432	427	400	392	0	0	1,194	1,171
Alaska	140	139	203	199	116	109	0	0	459	447
Hawaii	222	212	229	227	284	283	0	0	735	723
U.S. Total	139,206	121,568	125,515	117,727	86,809	88,009	569	568	352,098	327,872

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-861M (formerly EIA-826), Monthly Electric Power Industry Report.

Table 5.4.B. Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through June 2024 and 2023 (Thousand Megawatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	23,546	21,989	23,979	23,411	7,079	7,326	252	240	54,856	52,966
Connecticut	6,244	5,746	5,559	5,359	1,246	1,260	93	87	13,143	12,452
Maine	2,589	2,491	2,007	1,998	1,079	1,192	0	0	5,675	5,681
Massachusetts	9,865	9,125	11,704	11,435	2,794	2,979	147	140	24,509	23,679
New Hampshire	2,311	2,224	1,949	1,960	1,012	942	0	0	5,271	5,126
Rhode Island	1,430	1,338	1,808	1,736	312	313	13	12	3,563	3,399
Vermont	1,106	1,066	952	924	637	639	0	0	2,694	2,629
Middle Atlantic	68,870	60,813	70,644	68,165	35,357	35,021	1,812	1,642	176,683	165,641
New Jersey	13,870	12,469	17,678	17,050	3,062	2,971	228	112	34,837	32,601
New York	23,708	23,170	33,837	33,876	7,650	7,380	1,351	1,299	66,546	65,725
Pennsylvania	31,292	25,175	19,130	17,239	24,645	24,670	233	231	75,300	67,315
East North Central	90,683	86,312	87,052	84,295	92,693	90,590	257	234	270,685	261,430
Illinois	21,979	20,315	21,876	22,158	20,885	20,147	228	207	64,968	62,826
Indiana	16,298	15,290	11,122	10,965	20,956	20,135	8	7	48,384	46,396
Michigan	16,161	15,779	18,244	17,768	14,000	14,016	3	3	48,408	47,565
Ohio	25,544	23,988	24,375	22,077	25,401	24,842	17	17	75,338	70,924
Wisconsin	10,701	10,941	11,435	11,327	11,450	11,450	1	1	33,586	33,719
West North Central	52,939	53,523	51,971	50,404	50,236	49,586	21	21	155,168	153,534
Iowa	7,302	7,493	6,119	6,060	13,550	13,510	0	0	26,971	27,064
Kansas	6,640	6,326	7,747	7,627	5,599	5,587	0	0	19,986	19,539
Minnesota	11,145	11,889	10,864	11,049	9,897	9,978	8	10	31,914	32,926
Missouri	17,600	16,867	14,291	13,955	6,411	6,259	13	11	38,315	37,091
Nebraska	5,105	5,365	5,145	4,654	6,296	6,127	0	0	16,546	16,146
North Dakota	2,534	2,777	5,364	4,618	6,885	6,595	0	0	14,783	13,989
South Dakota	2,613	2,806	2,442	2,441	1,598	1,530	0	0	6,653	6,778
South Atlantic	183,571	170,923	165,152	157,053	68,999	68,732	600	548	418,322	397,255
Delaware	2,505	2,319	2,051	1,977	911	939	0	0	5,468	5,235
District of Columbia	1,142	1,102	3,446	3,321	93	84	154	139	4,835	4,646
Florida	62,937	61,462	47,571	46,627	8,630	8,451	35	35	119,173	116,575
Georgia	29,750	26,916	23,804	22,507	16,468	16,234	75	71	70,098	65,727
Maryland	13,425	12,282	13,356	12,734	1,681	1,667	216	202	28,677	26,885
North Carolina	30,183	27,219	24,286	22,947	12,914	13,169	6	6	67,389	63,342
South Carolina	15,657	14,075	12,599	11,738	12,420	12,602	0	0	40,676	38,415
Virginia	22,608	20,492	34,387	31,740	8,559	8,388	113	94	65,666	60,713
West Virginia	5,366	5,055	3,652	3,461	7,322	7,199	0	0	16,340	15,716
East South Central	59,538	54,677	44,544	42,422	47,678	47,115	0	0	151,760	144,213
Alabama	15,853	14,438	11,083	10,618	15,681	15,456	0	0	42,616	40,512
Kentucky	13,170	11,999	9,428	8,890	13,228	12,837	0	0	35,826	33,726
Mississippi	9,032	8,425	7,022	6,628	7,778	7,777	0	0	23,832	22,830
Tennessee	21,483	19,816	17,011	16,286	10,991	11,044	0	0	49,485	47,145
West South Central	108,804	103,945	101,973	98,750	111,780	116,031	10	89	322,568	318,816
Arkansas	9,031	8,539	5,600	5,461	9,499	9,044	0	0	24,130	23,044
Louisiana	14,318	13,774	11,231	11,070	20,469	19,931	5	5	46,023	44,780
Oklahoma	11,236	10,751	11,305	10,430	11,222	11,082	0	0	33,762	32,263
Texas	74,220	70,882	73,837	71,789	70,590	75,974	5	84	218,652	218,728
Mountain	51,222	49,784	51,482	48,711	43,299	41,387	80	82	146,083	139,965
Arizona	17,128	16,398	16,007	14,635	7,018	6,870	5	5	40,158	37,907
Colorado	9,859	9,502	10,063	9,910	7,547	7,470	45	47	27,515	26,929
Idaho	4,812	4,932	3,359	3,299	4,404	4,197	0	0	12,576	12,428
Montana	3,021	3,061	2,524	2,509	2,429	2,234	0	0	7,975	7,804
Nevada	6,171	5,813	6,050	5,906	6,243	5,852	4	3	18,468	17,575
New Mexico	3,408	3,351	4,483	4,359	6,462	5,789	0	0	14,353	13,499
Utah	5,240	5,104	6,693	6,260	4,277	4,071	27	27	16,237	15,462
Wyoming	1,583	1,625	2,301	1,833	4,918	4,903	0	0	8,802	8,361
Pacific Contiguous	67,543	69,677	76,947	75,853	38,170	37,503	402	426	183,062	183,460
California	37,176	38,091	53,767	52,836	19,808	19,423	347	362	111,098	110,712
Oregon	10,002	10,642	8,486	8,389	8,106	7,919	11	11	26,605	26,961
Washington	20,365	20,944	14,694	14,628	10,256	10,161	43	53	45,358	45,786
Pacific Noncontiguous	2,330	2,340	2,628	2,620	2,343	2,323	0	0	7,300	7,283
Alaska	1,082	1,061	1,316	1,294	701	682	0	0	3,099	3,038
Hawaii	1,247	1,279	1,313	1,325	1,642	1,641	0	0	4,202	4,245
U.S. Total	709,047	673,983	676,373	651,684	497,633	495,613	3,434	3,282	1,886,486	1,824,561

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-861M (formerly EIA-826), Monthly Electric Power Industry Report.

Table 5.5.A. Revenue from Sales of Electricity to Ultimate Customers by End-Use Sector, by State, June 2024 and 2023 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	1,035	975	819	722	204	194	5	4	2,062	1,896
Connecticut	305	293	201	181	35	32	3	2	544	509
Maine	79	94	55	58	24	21	0	0	159	173
Massachusetts	459	393	401	346	88	93	2	2	950	834
New Hampshire	88	102	65	66	33	25	0	0	186	193
Rhode Island	66	60	65	43	12	11	0	0	143	115
Vermont	38	33	31	28	12	12	0	0	82	74
Middle Atlantic	2,563	1,991	2,028	1,826	483	461	41	41	5,116	4,319
New Jersey	666	466	508	443	60	63	4	2	1,238	974
New York	1,082	837	1,188	1,059	115	82	34	35	2,419	2,013
Pennsylvania	816	688	331	324	308	317	3	4	1,458	1,332
East North Central	2,963	2,472	1,970	1,796	1,296	1,245	3	3	6,232	5,516
Illinois	771	600	498	439	333	285	3	2	1,605	1,326
Indiana	460	380	263	229	282	262	0	0	1,005	872
Michigan	629	537	482	435	200	202	0	0	1,311	1,174
Ohio	768	631	465	433	307	319	0	0	1,540	1,383
Wisconsin	335	323	262	259	175	177	0	0	772	760
West North Central	1,425	1,339	1,082	1,036	716	747	0	0	3,224	3,122
Iowa	191	190	124	130	190	201	0	0	505	522
Kansas	224	184	178	160	84	78	0	0	486	422
Minnesota	292	317	249	266	157	176	0	0	698	759
Missouri	515	444	318	294	99	95	0	0	931	833
Nebraska	110	108	100	80	85	94	0	0	295	282
North Dakota	41	44	68	62	79	80	0	0	188	186
South Dakota	52	53	46	43	24	23	0	0	122	119
South Atlantic	5,485	4,722	3,427	3,156	967	902	10	11	9,890	8,790
Delaware	73	62	49	48	14	13	0	0	136	123
District of Columbia	36	32	108	102	2	2	3	3	148	138
Florida	1,904	1,902	970	1,033	127	140	1	1	3,001	3,076
Georgia	980	766	561	473	246	200	1	1	1,789	1,440
Maryland	434	335	321	280	32	28	4	4	790	647
North Carolina	815	638	482	396	178	162	0	0	1,475	1,197
South Carolina	466	377	257	234	150	149	0	0	874	760
Virginia	650	515	603	526	124	121	2	2	1,379	1,164
West Virginia	128	97	76	63	95	87	0	0	299	247
East South Central	1,510	1,312	1,052	975	567	562	0	0	3,129	2,849
Alabama	484	420	291	272	205	204	0	0	980	897
Kentucky	304	250	208	188	148	141	0	0	661	579
Mississippi	248	227	165	161	93	95	0	0	506	483
Tennessee	473	415	388	354	122	122	0	0	983	891
West South Central	3,318	3,031	1,862	1,714	1,213	1,365	0	1	6,393	6,111
Arkansas	212	192	111	108	111	115	0	0	434	415
Louisiana	363	332	221	210	196	185	0	0	780	728
Oklahoma	314	278	220	201	121	129	0	0	655	608
Texas	2,428	2,229	1,311	1,194	785	935	0	1	4,524	4,360
Mountain	1,698	1,293	1,151	1,006	666	608	1	1	3,516	2,909
Arizona	708	521	436	349	101	94	0	0	1,246	964
Colorado	306	228	232	207	126	115	1	1	664	551
Idaho	88	75	55	51	112	88	0	0	255	214
Montana	51	47	49	49	30	27	0	0	131	123
Nevada	277	213	134	139	124	126	0	0	535	478
New Mexico	106	86	96	87	64	58	0	0	266	232
Utah	134	99	110	94	51	47	1	1	295	241
Wyoming	27	23	39	30	58	53	0	0	124	106
Pacific Contiguous	2,719	2,323	2,913	2,675	1,097	913	11	8	6,740	5,920
California	2,214	1,866	2,510	2,304	888	711	10	7	5,622	4,889
Oregon	202	179	161	141	105	96	0	0	468	416
Washington	304	278	242	230	103	106	1	1	650	615
Pacific Noncontiguous	130	123	133	129	120	116	0	0	382	368
Alaska	36	34	44	43	24	21	0	0	104	98
Hawaii	94	89	88	86	96	95	0	0	279	270
U.S. Total	22,845	19,582	16,437	15,035	7,329	7,113	73	70	46,684	41,800

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

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

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

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

Source: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Power Industry Report.

Table 5.5.B. Revenue from Sales of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through June 2024 and 2023 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	6,390	6,635	4,814	4,564	1,149	1,153	32	31	12,386	12,383
Connecticut	1,747	1,866	1,123	1,096	200	193	15	18	3,086	3,173
Maine	591	682	366	358	146	143	0	0	1,104	1,184
Massachusetts	2,853	2,820	2,404	2,243	502	534	14	11	5,773	5,607
New Hampshire	540	685	383	423	166	151	0	0	1,088	1,258
Rhode Island	420	364	361	280	61	60	3	2	845	707
Vermont	239	219	177	163	74	72	0	0	490	454
Middle Atlantic	13,710	11,823	10,822	10,140	2,891	2,787	244	234	27,668	24,984
New Jersey	2,572	2,161	2,536	2,378	361	353	25	15	5,493	4,908
New York	5,634	5,066	6,149	5,793	612	511	196	197	12,591	11,566
Pennsylvania	5,504	4,595	2,138	1,969	1,919	1,923	23	23	9,584	8,510
East North Central	14,911	14,102	10,619	10,147	7,457	7,335	21	17	33,008	31,601
Illinois	3,516	3,416	2,595	2,571	1,853	1,694	19	15	7,982	7,696
Indiana	2,375	2,358	1,403	1,426	1,681	1,737	1	1	5,459	5,522
Michigan	3,075	2,890	2,565	2,367	1,164	1,139	0	0	6,804	6,397
Ohio	4,111	3,621	2,620	2,360	1,800	1,805	1	0	8,533	7,787
Wisconsin	1,834	1,816	1,435	1,423	960	960	0	0	4,229	4,199
West North Central	6,916	6,745	5,300	5,194	3,818	3,778	2	2	16,036	15,719
Iowa	956	946	610	610	885	881	0	0	2,451	2,438
Kansas	924	872	854	859	448	468	0	0	2,225	2,199
Minnesota	1,668	1,686	1,311	1,351	902	912	1	1	3,882	3,951
Missouri	2,181	2,039	1,404	1,354	489	486	1	1	4,074	3,880
Nebraska	580	577	466	419	470	452	0	0	1,516	1,448
North Dakota	282	290	402	359	492	458	0	0	1,176	1,108
South Dakota	326	334	252	241	132	121	0	0	710	696
South Atlantic	26,794	24,819	18,176	17,474	5,281	5,186	60	56	50,312	47,535
Delaware	413	356	247	235	74	78	0	0	734	669
District of Columbia	198	174	588	557	10	9	15	14	812	754
Florida	9,065	9,376	5,355	5,596	758	824	4	4	15,182	15,800
Georgia	4,137	3,679	2,740	2,538	1,126	1,079	5	5	8,009	7,301
Maryland	2,369	1,985	1,704	1,678	172	163	25	22	4,270	3,848
North Carolina	4,313	3,534	2,573	2,198	1,005	920	1	1	7,891	6,653
South Carolina	2,225	2,006	1,325	1,255	835	847	0	0	4,385	4,108
Virginia	3,278	3,004	3,217	3,034	740	747	11	10	7,246	6,795
West Virginia	794	706	427	384	562	517	0	0	1,783	1,607
East South Central	7,955	7,209	5,510	5,229	3,214	3,213	0	0	16,678	15,651
Alabama	2,385	2,115	1,503	1,400	1,129	1,078	0	0	5,018	4,593
Kentucky	1,674	1,499	1,113	1,039	867	869	0	0	3,653	3,408
Mississippi	1,224	1,155	849	853	531	559	0	0	2,605	2,568
Tennessee	2,672	2,441	2,044	1,936	687	706	0	0	5,402	5,083
West South Central	14,883	14,103	9,244	8,970	6,706	7,230	1	7	30,834	30,309
Arkansas	1,093	1,031	575	564	600	606	0	0	2,268	2,200
Louisiana	1,645	1,621	1,159	1,195	1,175	1,237	1	1	3,980	4,053
Oklahoma	1,324	1,275	969	937	629	690	0	0	2,923	2,901
Texas	10,821	10,176	6,541	6,274	4,301	4,698	0	6	21,663	21,154
Mountain	7,181	6,678	5,617	5,225	3,288	3,165	9	9	16,095	15,077
Arizona	2,559	2,251	1,951	1,665	539	525	1	0	5,050	4,441
Colorado	1,448	1,345	1,166	1,132	665	633	4	5	3,283	3,114
Idaho	546	521	308	281	335	286	0	0	1,189	1,087
Montana	377	368	299	296	191	175	0	0	867	839
Nevada	1,001	1,002	652	691	529	588	0	0	2,183	2,281
New Mexico	482	458	474	461	371	343	0	0	1,328	1,262
Utah	581	556	554	525	291	280	3	3	1,429	1,365
Wyoming	187	178	214	175	366	334	0	0	768	688
Pacific Contiguous	15,816	14,480	15,356	13,987	5,179	4,555	62	50	36,413	33,072
California	11,996	10,890	12,829	11,652	3,930	3,352	56	43	28,811	25,937
Oregon	1,444	1,321	975	864	603	564	1	1	3,022	2,751
Washington	2,376	2,269	1,552	1,471	647	639	5	6	4,580	4,385
Pacific Noncontiguous	814	803	812	809	726	737	0	0	2,352	2,349
Alaska	263	247	281	268	137	131	0	0	681	646
Hawaii	551	555	531	541	589	606	0	0	1,671	1,703
U.S. Total	115,370	107,397	86,270	81,739	39,711	39,137	431	406	241,782	228,680

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-861M (formerly EIA-826), Monthly Electric Power Industry Report.

Table 5.6.A. Average Price of Electricity to Ultimate Customers by End-Use Sector, by State, June 2024 and 2023 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	26.08	28.36	19.91	17.91	16.02	15.31	12.36	10.84	21.95	21.60
Connecticut	26.00	31.82	19.43	19.32	15.53	14.39	15.88	14.84	22.19	24.25
Maine	22.26	27.61	17.05	18.43	12.47	12.03	--	--	18.15	20.86
Massachusetts	28.15	27.18	20.91	17.58	18.09	17.38	9.04	7.28	23.42	21.00
New Hampshire	22.44	29.78	19.25	19.90	16.07	14.84	--	--	19.91	22.89
Rhode Island	27.03	25.97	19.53	13.32	19.97	17.97	21.87	17.72	22.45	18.52
Vermont	21.91	21.00	18.88	17.94	11.75	11.34	--	--	18.37	17.44
Middle Atlantic	20.71	19.61	16.29	15.78	8.29	7.76	13.81	14.60	16.53	15.45
New Jersey	19.88	18.23	15.59	15.01	11.94	13.56	11.15	13.79	17.32	16.27
New York	24.51	21.71	19.48	18.48	8.77	6.62	14.89	15.71	20.07	18.23
Pennsylvania	17.68	18.39	10.74	11.22	7.68	7.45	9.69	9.04	12.42	12.20
East North Central	16.69	16.38	12.40	12.04	8.20	7.92	7.99	7.41	12.60	12.05
Illinois	16.15	15.17	12.50	11.39	9.24	8.37	7.79	7.23	12.95	11.79
Indiana	14.89	14.67	12.57	11.91	7.82	7.54	11.91	11.61	11.44	10.91
Michigan	19.88	19.26	14.53	13.65	8.51	8.26	13.93	13.85	14.85	13.95
Ohio	15.92	16.35	10.47	10.98	7.15	7.21	6.27	5.69	11.36	11.31
Wisconsin	17.60	17.06	12.77	12.92	8.95	8.95	18.40	17.63	13.06	12.92
West North Central	14.72	14.21	11.26	11.37	8.48	8.53	11.39	11.53	11.62	11.44
Iowa	14.82	15.00	11.35	12.35	8.18	8.79	--	--	10.74	11.31
Kansas	14.22	13.54	11.68	11.11	8.56	8.08	--	--	11.91	11.21
Minnesota	16.38	15.54	13.23	13.40	9.51	9.86	13.69	13.90	13.13	13.06
Missouri	14.64	14.28	11.75	11.35	8.85	8.65	9.88	9.70	12.69	12.25
Nebraska	12.92	12.06	9.29	9.68	8.26	7.85	--	--	9.98	9.66
North Dakota	13.65	12.30	7.41	7.93	7.26	7.03	--	--	8.15	8.16
South Dakota	14.15	13.19	11.14	10.15	8.65	7.99	--	--	11.54	10.69
South Atlantic	14.64	14.80	10.95	10.92	8.16	7.51	9.83	10.05	12.25	12.05
Delaware	16.29	16.00	11.85	11.48	7.58	6.92	--	--	13.02	12.34
District of Columbia	17.11	16.45	16.81	17.24	11.28	10.77	8.68	9.04	16.49	16.65
Florida	13.89	15.26	10.56	11.73	8.42	9.25	10.46	11.26	12.30	13.50
Georgia	15.53	14.62	12.38	11.31	8.74	7.01	7.99	7.57	13.08	11.72
Maryland	17.41	16.99	12.84	12.55	10.15	9.55	11.43	11.16	14.80	14.27
North Carolina	13.72	12.90	10.35	9.31	7.77	6.88	10.66	9.07	11.44	10.35
South Carolina	14.18	14.17	10.75	10.83	7.09	6.79	--	--	11.20	10.83
Virginia	15.31	15.21	9.54	9.27	8.84	8.71	9.62	10.49	11.50	11.12
West Virginia	15.48	14.47	11.82	10.78	7.84	7.20	--	--	11.15	10.03
East South Central	13.48	13.25	12.45	12.28	6.88	6.88	--	--	11.22	10.95
Alabama	15.03	14.63	13.64	13.34	7.62	7.55	--	--	12.18	11.78
Kentucky	12.87	12.49	11.85	11.49	6.54	6.36	--	--	10.35	9.89
Mississippi	13.42	13.46	12.08	12.39	6.92	7.05	--	--	11.11	11.15
Tennessee	12.57	12.42	12.15	11.93	6.23	6.41	--	--	11.03	10.85
West South Central	13.70	13.54	9.29	9.07	6.07	6.37	7.81	7.49	9.95	9.75
Arkansas	12.36	12.44	10.01	10.24	6.51	7.04	13.58	16.76	9.59	9.81
Louisiana	11.42	11.23	9.76	9.75	5.37	5.42	11.37	11.28	8.58	8.53
Oklahoma	12.37	12.63	9.59	9.94	6.19	6.72	--	--	9.65	9.89
Texas	14.47	14.22	9.11	8.74	6.20	6.48	4.00	7.24	10.32	9.96
Mountain	14.54	14.21	11.63	11.56	8.35	8.12	10.62	11.72	11.89	11.50
Arizona	15.14	14.28	12.94	12.23	8.11	7.67	12.70	11.58	13.40	12.48
Colorado	15.21	14.67	13.17	12.63	9.62	9.03	9.39	11.14	13.06	12.31
Idaho	12.28	11.78	9.66	9.43	9.59	8.61	--	--	10.39	9.73
Montana	13.58	13.19	12.41	12.32	6.98	6.63	--	--	10.84	10.60
Nevada	15.50	17.39	10.92	12.26	10.55	11.84	11.76	13.16	12.77	13.96
New Mexico	14.44	13.89	11.29	10.99	5.70	5.91	--	--	9.83	9.66
Utah	11.50	11.45	8.47	8.81	6.62	6.74	12.02	12.37	9.13	9.13
Wyoming	12.90	12.62	9.26	10.65	7.64	6.49	--	--	8.91	8.29
Pacific Contiguous	25.88	23.66	21.83	20.23	15.64	13.34	16.09	11.64	21.79	19.76
California	32.99	31.25	26.11	24.24	22.54	19.31	16.81	11.83	27.66	25.43
Oregon	15.12	13.08	11.37	10.19	7.52	6.80	12.53	11.36	11.28	9.99
Washington	12.34	11.21	10.46	9.86	6.17	6.07	11.10	10.14	10.07	9.36
Pacific Noncontiguous	35.87	35.01	30.67	30.17	29.91	29.55	--	--	31.99	31.41
Alaska	25.40	24.72	21.77	21.40	20.41	19.24	--	--	22.53	21.90
Hawaii	42.45	41.74	38.56	37.86	33.80	33.52	--	--	37.90	37.30
U.S. Total	16.41	16.11	13.10	12.77	8.44	8.08	12.76	12.36	13.26	12.75

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-861M (formerly EIA-826), Monthly Electric Power Industry Report.

Table 5.6.B. Average Price of Electricity to Ultimate Customers by End-Use Sector, by State, Year-to-Date through June 2024 and 2023 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD	June 2024 YTD	June 2023 YTD
New England	27.14	30.18	20.08	19.49	16.24	15.74	12.63	12.87	22.58	23.38
Connecticut	27.98	32.47	20.21	20.44	16.07	15.34	16.72	20.81	23.48	25.48
Maine	22.85	27.38	18.25	17.94	13.53	12.02	--	--	19.45	20.84
Massachusetts	28.92	30.90	20.54	19.62	17.99	17.91	9.34	7.57	23.56	23.68
New Hampshire	23.35	30.78	19.63	21.57	16.36	16.01	--	--	20.63	24.54
Rhode Island	29.37	27.24	19.94	16.15	19.72	19.12	20.53	16.85	23.71	20.79
Vermont	21.60	20.51	18.63	17.70	11.55	11.32	--	--	18.18	17.29
Middle Atlantic	19.91	19.44	15.32	14.88	8.18	7.96	13.46	14.27	15.66	15.08
New Jersey	18.54	17.34	14.34	13.95	11.79	11.89	10.87	13.34	15.77	15.05
New York	23.76	21.86	18.17	17.10	7.99	6.92	14.51	15.13	18.92	17.60
Pennsylvania	17.59	18.25	11.18	11.42	7.79	7.79	9.90	9.87	12.73	12.64
East North Central	16.44	16.34	12.20	12.04	8.04	8.10	8.32	7.20	12.19	12.09
Illinois	16.00	16.82	11.86	11.60	8.87	8.41	8.21	7.30	12.29	12.25
Indiana	14.57	15.43	12.62	13.00	8.02	8.63	11.98	12.90	11.28	11.90
Michigan	19.03	18.32	14.06	13.32	8.31	8.13	14.21	13.27	14.06	13.45
Ohio	16.10	15.09	10.75	10.69	7.09	7.27	6.62	2.41	11.33	10.98
Wisconsin	17.14	16.60	12.55	12.56	8.38	8.38	18.54	16.47	12.59	12.45
West North Central	13.06	12.60	10.20	10.31	7.60	7.62	10.02	10.03	10.33	10.24
Iowa	13.09	12.63	9.98	10.07	6.53	6.52	--	--	9.09	9.01
Kansas	13.91	13.79	11.03	11.26	7.99	8.37	--	--	11.13	11.25
Minnesota	14.96	14.18	12.06	12.23	9.12	9.14	12.52	12.30	12.16	12.00
Missouri	12.39	12.09	9.82	9.71	7.62	7.76	8.37	8.04	10.63	10.46
Nebraska	11.36	10.76	9.06	8.99	7.47	7.37	--	--	9.16	8.97
North Dakota	11.13	10.44	7.50	7.78	7.15	6.95	--	--	7.96	7.92
South Dakota	12.47	11.89	10.33	9.88	8.27	7.93	--	--	10.68	10.27
South Atlantic	14.60	14.52	11.01	11.13	7.65	7.55	10.05	10.24	12.03	11.97
Delaware	16.49	15.35	12.04	11.90	8.07	8.31	--	--	13.42	12.78
District of Columbia	17.34	15.78	17.08	16.78	11.02	10.93	9.69	10.06	16.79	16.23
Florida	14.40	15.25	11.26	12.00	8.78	9.75	11.17	11.36	12.74	13.55
Georgia	13.91	13.67	11.51	11.28	6.84	6.65	6.63	6.84	11.42	11.11
Maryland	17.65	16.16	12.76	13.17	10.25	9.81	11.47	11.01	14.89	14.31
North Carolina	14.29	12.98	10.59	9.58	7.78	6.99	10.09	8.12	11.71	10.50
South Carolina	14.21	14.25	10.52	10.69	6.72	6.72	--	--	10.78	10.69
Virginia	14.50	14.66	9.35	9.56	8.65	8.91	9.78	11.14	11.03	11.19
West Virginia	14.80	13.96	11.70	11.10	7.67	7.18	--	--	10.91	10.22
East South Central	13.36	13.19	12.37	12.33	6.74	6.82	--	--	10.99	10.85
Alabama	15.05	14.65	13.57	13.19	7.20	6.97	--	--	11.77	11.34
Kentucky	12.71	12.49	11.80	11.69	6.55	6.77	--	--	10.20	10.10
Mississippi	13.55	13.71	12.10	12.87	6.83	7.19	--	--	10.93	11.25
Tennessee	12.44	12.32	12.02	11.89	6.25	6.40	--	--	10.92	10.78
West South Central	13.68	13.57	9.07	9.08	6.00	6.23	8.37	7.53	9.56	9.51
Arkansas	12.10	12.07	10.27	10.33	6.32	6.70	13.25	14.47	9.40	9.55
Louisiana	11.49	11.77	10.32	10.79	5.74	6.21	11.85	11.14	8.65	9.05
Oklahoma	11.79	11.86	8.57	8.98	5.61	6.22	--	--	8.66	8.99
Texas	14.58	14.36	8.86	8.74	6.09	6.18	4.96	7.31	9.91	9.67
Mountain	14.02	13.41	10.91	10.73	7.59	7.65	10.63	10.79	11.02	10.77
Arizona	14.94	13.72	12.19	11.38	7.68	7.65	10.69	9.78	12.57	11.72
Colorado	14.69	14.16	11.58	11.42	8.81	8.47	9.69	9.85	11.93	11.57
Idaho	11.34	10.56	9.17	8.51	7.62	6.82	--	--	9.45	8.75
Montana	12.46	12.03	11.83	11.79	7.88	7.82	--	--	10.87	10.75
Nevada	16.21	17.23	10.78	11.70	8.48	10.05	11.85	12.88	11.82	12.98
New Mexico	14.15	13.66	10.57	10.56	5.75	5.93	--	--	9.25	9.35
Utah	11.09	10.90	8.27	8.39	6.80	6.88	12.07	12.31	8.80	8.83
Wyoming	11.83	10.96	9.32	9.57	7.44	6.82	--	--	8.72	8.22
Pacific Contiguous	23.42	20.78	19.96	18.44	13.57	12.14	15.52	11.81	19.89	18.03
California	32.27	28.59	23.86	22.05	19.84	17.26	16.23	12.02	25.93	23.43
Oregon	14.44	12.42	11.48	10.30	7.43	7.12	12.54	11.34	11.36	10.20
Washington	11.67	10.83	10.56	10.06	6.31	6.29	10.60	10.46	10.10	9.58
Pacific Noncontiguous	34.95	34.30	30.90	30.89	30.98	31.72	--	--	32.22	32.25
Alaska	24.32	23.31	21.36	20.68	19.51	19.19	--	--	21.98	21.27
Hawaii	44.17	43.42	40.46	40.85	35.87	36.93	--	--	39.77	40.11
U.S. Total	16.27	15.93	12.75	12.54	7.98	7.90	12.56	12.37	12.82	12.53

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-861M (formerly EIA-826), Monthly Electric Power Industry Report.

**Table 5.7. Number of Ultimate Customers Served by Sector:
2014 - June 2024**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2014	128,680,416	17,853,995	839,212	79	147,373,702
2015	129,811,718	17,985,690	835,536	78	148,633,022
2016	131,068,760	18,148,353	838,059	86	150,055,258
2017	132,579,747	18,359,427	840,329	86	151,779,589
2018	133,893,321	18,605,393	840,321	83	153,339,118
2019	135,249,616	18,694,240	954,222	83	154,898,161
2020	136,682,001	18,848,813	992,311	83	156,523,208
2021	138,308,772	19,102,304	1,022,212	82	158,433,370
2022	139,854,178	19,257,529	1,049,983	86	160,161,776
2023	140,822,653	19,334,187	1,076,425	81	161,233,346
Year 2022					
January	138,694,350	19,145,510	1,018,257	83	158,858,200
February	138,676,166	19,081,239	1,009,083	84	158,766,572
March	140,257,849	19,352,519	1,033,938	87	160,644,393
April	139,134,445	19,174,040	1,031,667	84	159,340,236
May	139,712,967	19,248,194	1,048,800	84	160,010,045
June	140,050,386	19,313,913	1,068,161	85	160,432,545
July	139,632,048	19,233,742	1,063,023	85	159,928,898
August	140,549,888	19,319,344	1,080,715	84	160,950,031
Sept	140,218,329	19,290,292	1,073,550	84	160,582,255
October	140,334,114	19,294,667	1,059,659	84	160,688,524
November	140,228,398	19,291,427	1,047,225	82	160,567,132
December	140,760,019	19,343,829	1,064,970	83	161,168,901
Year 2023					
January	140,164,131	19,293,282	1,060,301	81	160,517,795
February	139,617,537	19,192,844	1,051,825	80	159,862,286
March	140,965,719	19,378,911	1,067,760	81	161,412,471
April	139,829,776	19,155,834	1,055,085	81	160,040,776
May	140,797,811	19,353,055	1,084,292	80	161,235,238
June	140,961,861	19,366,091	1,092,186	81	161,420,219
July	140,715,232	19,330,035	1,085,489	82	161,130,838
August	141,687,125	19,448,125	1,104,132	82	162,239,464
Sept	141,011,704	19,362,932	1,087,170	82	161,461,888
October	141,452,573	19,413,832	1,080,839	82	161,947,326
November	141,171,614	19,347,416	1,067,252	82	161,586,364
December	141,496,756	19,367,884	1,080,766	82	161,945,488
Year 2024					
January	142,003,520	19,427,758	1,073,675	82	162,505,035
February	143,158,375	19,490,303	1,065,741	81	163,714,500
March	143,653,733	19,533,175	1,080,363	81	164,267,352
April	143,880,293	19,547,674	1,096,969	78	164,525,014
May	144,231,722	19,598,201	1,112,243	81	164,942,247
June	142,329,942	19,424,317	1,113,125	83	162,867,467
Rolling 12 Months Ending in June					
2023	140,338,303	19,292,777	1,066,716	82	160,697,877
2024	142,232,716	19,440,971	1,087,314	82	162,761,082

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 2022 and prior years are final. Values for 2024 and 2023 are preliminary estimates based on a cutoff model sample. See Technical Notes for a discussion of the sample design for the Form EIA-826. Utilities and energy service providers may classify commercial and industrial customers based on either NAICS codes or demands or usage falling within specified limits by rate schedule. Changes from year to year in consumer counts, sales and revenues, particularly involving the commercial and industrial consumer sectors, may result from respondent implementation of changes in the definitions of consumers, and reclassifications. Sales and net generation may not correspond exactly for a particular month for a variety of reasons (i.e., sales data may include purchases of electricity from nonutilities or imported electricity). Net generation is for the calendar month while sales and associated revenue accumulate from bills collected for periods of time (28 to 35 days) that vary dependent upon customer class and consumption occurring in and outside the calendar month.

Sources: U.S. Energy Information Administration, Form EIA-861M (formerly EIA-826), Monthly Electric Industry Power Report; 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 5.8. Number of Ultimate Customers Served by Sector by State:
June 2024 and 2023**

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	6,535,280	6,574,828	934,594	942,327	23,613	21,451	6	6	7,493,493	7,538,612
Connecticut	1,550,524	1,539,758	157,451	156,768	3,854	3,925	3	3	1,711,832	1,700,454
Maine	726,774	746,530	108,957	109,278	1,949	2,033	0	0	837,680	857,841
Massachusetts	2,834,310	2,876,039	435,471	444,514	9,850	10,575	2	2	3,279,633	3,331,130
New Hampshire	651,663	634,458	108,499	109,040	6,111	3,074	0	0	766,273	746,572
Rhode Island	449,638	456,758	61,248	60,728	1,616	1,598	1	1	512,503	519,085
Vermont	322,371	321,285	62,968	61,999	233	246	0	0	385,572	383,530
Middle Atlantic	16,676,681	16,587,065	2,437,553	2,460,024	39,323	34,296	20	19	19,153,577	19,081,404
New Jersey	3,737,560	3,690,330	538,436	538,873	11,243	11,209	7	6	4,287,246	4,240,418
New York	7,409,686	7,380,234	1,160,555	1,184,479	16,459	7,175	8	8	8,586,708	8,571,896
Pennsylvania	5,529,435	5,516,501	738,562	736,672	11,621	15,912	5	5	6,279,623	6,269,090
East North Central	20,920,451	20,729,011	2,578,596	2,560,926	53,959	55,423	10	10	23,553,016	23,345,370
Illinois	5,386,116	5,367,623	634,146	636,329	5,465	5,639	3	3	6,025,730	6,009,594
Indiana	3,043,971	2,957,938	382,542	373,163	18,925	19,088	1	1	3,445,439	3,350,190
Michigan	4,530,758	4,506,108	564,391	559,366	5,632	5,655	2	2	5,100,783	5,071,131
Ohio	5,112,411	5,075,078	627,627	624,245	18,309	19,406	2	2	5,758,349	5,718,731
Wisconsin	2,847,195	2,822,264	369,890	367,823	5,628	5,635	2	2	3,222,715	3,195,724
West North Central	10,038,786	9,921,119	1,513,821	1,518,730	131,535	131,629	3	3	11,684,145	11,571,481
Iowa	1,464,335	1,449,173	251,027	249,438	8,575	8,578	0	0	1,723,937	1,707,189
Kansas	1,342,403	1,325,174	249,218	248,623	24,651	24,847	0	0	1,616,272	1,598,644
Minnesota	2,598,675	2,566,602	308,029	306,109	9,463	9,387	1	1	2,916,168	2,882,099
Missouri	2,888,679	2,856,550	385,470	397,786	9,201	9,805	2	2	3,283,352	3,264,143
Nebraska	911,289	900,898	163,864	162,140	65,813	65,392	0	0	1,140,966	1,128,430
North Dakota	397,716	394,512	77,726	77,204	9,473	9,288	0	0	484,915	481,004
South Dakota	435,689	428,210	78,487	77,430	4,359	4,332	0	0	518,535	509,972
South Atlantic	30,690,791	30,111,091	4,029,363	3,994,310	89,205	88,820	13	13	34,809,372	34,194,234
Delaware	469,448	463,197	60,377	59,554	743	819	0	0	530,568	523,570
District of Columbia	317,950	312,464	27,505	27,298	1	1	3	3	345,459	339,766
Florida	10,386,072	10,187,835	1,295,049	1,286,041	27,230	26,715	2	2	11,708,353	11,500,593
Georgia	4,817,224	4,726,213	615,462	610,343	24,457	24,496	1	1	5,457,144	5,361,053
Maryland	2,446,166	2,427,170	261,974	260,854	9,072	9,070	5	5	2,717,217	2,697,099
North Carolina	5,079,095	4,962,336	746,296	741,658	9,165	9,319	1	1	5,834,557	5,713,314
South Carolina	2,630,845	2,533,492	418,429	411,047	3,620	3,621	0	0	3,052,894	2,948,160
Virginia	3,679,257	3,635,223	452,546	446,786	3,964	3,695	1	1	4,135,768	4,085,705
West Virginia	864,734	863,161	151,725	150,729	10,953	11,084	0	0	1,027,412	1,024,974
East South Central	8,909,117	8,768,550	1,481,743	1,461,380	24,890	25,360	0	0	10,415,750	10,255,290
Alabama	2,398,470	2,369,803	384,787	383,973	7,248	7,254	0	0	2,790,505	2,761,030
Kentucky	2,039,792	2,015,088	326,223	321,145	5,346	5,787	0	0	2,371,361	2,342,020
Mississippi	1,373,899	1,357,919	244,584	243,719	11,320	11,299	0	0	1,629,803	1,612,937
Tennessee	3,096,956	3,025,740	526,149	512,543	976	1,020	0	0	3,624,081	3,539,303
West South Central	17,957,776	17,635,217	2,424,400	2,378,548	452,530	425,232	6	6	20,834,712	20,439,003
Arkansas	1,482,771	1,463,488	208,916	207,712	38,058	39,067	2	2	1,729,747	1,710,269
Louisiana	2,181,011	2,163,532	301,688	301,920	18,326	18,992	1	1	2,501,026	2,484,445
Oklahoma	1,893,058	1,867,680	305,341	302,642	18,626	18,941	0	0	2,217,025	2,189,263
Texas	12,400,936	12,140,517	1,608,455	1,566,274	377,520	348,232	3	3	14,386,914	14,055,026
Mountain	10,741,981	10,536,971	1,509,236	1,487,991	102,922	102,229	5	5	12,354,144	12,127,196
Arizona	3,089,216	3,024,565	345,486	341,332	7,091	7,227	2	2	3,441,795	3,373,126
Colorado	2,491,549	2,447,906	398,415	392,448	14,883	14,849	1	1	2,904,848	2,855,204
Idaho	861,429	840,842	123,291	121,055	29,781	29,575	0	0	1,014,501	991,472
Montana	558,357	549,009	117,923	116,034	13,500	13,399	0	0	689,780	678,442
Nevada	1,309,614	1,284,494	176,849	173,538	4,938	4,885	1	1	1,491,402	1,462,918
New Mexico	917,377	908,485	146,592	146,162	9,680	9,453	0	0	1,073,649	1,064,100
Utah	1,227,588	1,197,073	141,286	138,491	11,066	10,933	1	1	1,379,941	1,346,498
Wyoming	286,851	284,597	59,394	58,931	11,983	11,908	0	0	358,228	355,436
Pacific Contiguous	19,113,880	19,353,478	2,397,730	2,444,200	193,121	205,755	20	19	21,704,751	22,003,452
California	13,899,993	14,195,837	1,738,803	1,789,942	140,655	153,164	13	12	15,779,464	16,138,955
Oregon	1,873,135	1,847,477	251,718	249,020	25,685	25,524	2	2	2,150,540	2,122,023
Washington	3,340,752	3,310,164	407,209	405,238	26,781	27,067	5	5	3,774,747	3,742,474
Pacific Noncontiguous	745,199	744,531	117,281	117,655	2,027	1,991	0	0	864,507	864,177
Alaska	299,796	297,969	57,651	57,396	1,213	1,183	0	0	358,660	356,548
Hawaii	445,403	446,562	59,630	60,259	814	808	0	0	505,847	507,629
U.S. Total	142,329,942	140,961,861	19,424,317	19,366,091	1,113,125	1,092,186	83	81	162,867,467	161,420,219

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.

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

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-861M (formerly EIA-826), Monthly Electric Power Industry Report.

Chapter 6

Capacity

Table 6.1. Electric Generating Summer Capacity Changes (MW), May 2024 to June 2024

Technology	Capacity Source	As of End of May 2024	Activity During June 2024 as Reported to EIA		As of End of June 2024	Net Change in Capacity - Current Month and Prior Periods			Changes in and Total Net Summer Capacity -- Outlook Based on Reports to EIA							
		Total In-Service Capacity	Actual Capacity Additions	Actual Capacity Reductions	Total In-Service Capacity	Current Month	Year to Date	Past 12 Months	Planned Capacity Additions		Reductions		Planned Net Change		Capacity	
									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
..... Onshore Wind (Summer Capacity)	Utility Scale Facilities	150,114.7	103.0	0.0	150,217.7	103.0	2,619.2	5,755.0	446.0	5,033.6	0.0	0.7	446.0	5,032.9	150,663.7	155,250.6
..... Offshore Wind (Summer Capacity)	Utility Scale Facilities	41.3	0.0	0.0	41.3	0.0	0.0	0.0	130.0	930.0	0.0	0.0	130.0	930.0	171.3	971.3
..... Wind (Summer Capacity)	Utility Scale Facilities	150,156.0	103.0	0.0	150,259.0	103.0	2,619.2	5,755.0	576.0	5,963.6	0.0	0.7	576.0	5,962.9	150,835.0	156,221.9
..... Solar Photovoltaic	Utility Scale Facilities	100,002.3	2,589.1	31.6	102,559.8	2,557.5	12,730.9	25,132.7	3,559.5	35,873.0	0.0	0.0	3,559.5	35,873.0	106,119.3	138,432.8
..... Solar Thermal without Energy Storage	Utility Scale Facilities	1,074.4	0.0	0.0	1,074.4	0.0	0.0	0.0	0.0	0.0	0.0	88.0	0.0	-88.0	1,074.4	986.4
..... Solar Thermal with Energy Storage	Utility Scale Facilities	405.6	0.0	0.0	405.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	405.6	405.6
..... Solar Subtotal	Utility Scale Facilities	101,482.3	2,589.1	31.6	104,039.8	2,557.5	12,730.9	25,132.7	3,559.5	35,873.0	0.0	88.0	3,559.5	35,785.0	107,599.3	139,824.8
..... Conventional Hydroelectric	Utility Scale Facilities	79,862.7	0.4	34.2	79,828.9	-33.8	-260.8	-255.2	1.0	47.7	6.1	10.0	-5.1	37.7	79,823.8	79,866.6
..... Wood/Wood Waste Biomass	Utility Scale Facilities	7,529.2	168.5	4.6	7,693.1	163.9	-22.5	-85.7	0.0	43.0	0.0	0.0	0.0	43.0	7,693.1	7,736.1
..... Landfill Gas	Utility Scale Facilities	1,566.2	4.0	23.2	1,547.0	-19.2	-102.1	-108.7	0.0	7.0	0.0	0.0	0.0	7.0	1,547.0	1,554.0
..... Municipal Solid Waste	Utility Scale Facilities	1,979.0	0.0	28.0	1,951.0	-28.0	-99.6	-99.6	0.0	0.0	46.5	46.5	-46.5	-46.5	1,904.5	1,904.5
..... Other Waste Biomass	Utility Scale Facilities	585.6	0.0	0.0	585.6	0.0	-7.3	-5.1	5.8	43.2	0.0	0.0	5.8	43.2	591.4	628.8
..... Biomass Sources Subtotal	Utility Scale Facilities	11,660.0	172.5	55.8	11,776.7	116.7	-231.5	-299.1	5.8	93.2	46.5	46.5	-40.7	46.7	11,736.0	11,823.4
..... Geothermal	Utility Scale Facilities	2,695.8	0.0	0.0	2,695.8	0.0	22.2	22.2	0.0	0.0	0.0	0.0	0.0	0.0	2,695.8	2,695.8
... Renewable Sources Subtotal	Utility Scale Facilities	345,856.8	2,865.0	121.6	348,600.2	2,743.4	14,879.3	30,354.9	4,142.3	41,977.5	52.6	145.2	4,089.7	41,832.3	352,689.9	390,432.5
..... Natural Gas Fired Combined Cycle	Utility Scale Facilities	293,682.9	237.7	1,622.6	292,298.0	-1,384.9	-3,444.0	-2,072.9	13.0	2,017.9	0.0	275.0	13.0	1,742.9	292,311.0	294,040.9
..... Natural Gas Fired Combustion Turbine	Utility Scale Facilities	131,601.6	371.1	188.1	131,784.6	183.0	133.3	968.1	719.6	2,964.0	0.0	805.3	719.6	2,158.7	132,504.2	133,943.3
..... Natural Gas Steam Turbine	Utility Scale Facilities	74,571.7	20.0	398.0	74,193.7	-378.0	-547.7	-2,410.7	0.0	12.6	0.0	1,734.7	0.0	-1,722.1	74,193.7	72,471.6
..... Natural Gas Internal Combustion Engine	Utility Scale Facilities	5,985.2	4.9	4.6	5,985.5	0.3	274.3	401.7	7.5	459.7	0.0	0.0	7.5	459.7	5,993.0	6,445.2
..... Natural Gas with Compressed Air Storage	Utility Scale Facilities	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	Utility Scale Facilities	361.4	0.0	0.4	361.0	-0.4	11.2	11.2	0.0	0.0	0.0	0.0	0.0	0.0	361.0	361.0
..... Natural Gas Subtotal	Utility Scale Facilities	506,312.8	633.7	2,213.7	504,732.8	-1,580.0	-3,572.9	-3,102.6	740.1	5,454.2	0.0	2,815.0	740.1	2,639.2	505,472.9	507,372.0
..... Conventional Steam Coal	Utility Scale Facilities	176,624.4	0.1	213.4	176,411.1	-213.3	-3,804.4	-6,233.6	0.0	30.5	0.0	4,028.1	0.0	-3,997.6	176,411.1	172,413.5
..... Coal Integrated Gasification Combined Cycle	Utility Scale Facilities	555.0	0.0	0.0	555.0	0.0	-40.0	-40.0	0.0	0.0	0.0	0.0	0.0	0.0	555.0	555.0
..... Coal Subtotal	Utility Scale Facilities	177,179.4	0.1	213.4	176,966.1	-213.3	-3,844.4	-6,273.6	0.0	30.5	0.0	4,028.1	0.0	-3,997.6	176,966.1	172,968.5
..... Petroleum Coke	Utility Scale Facilities	1,321.9	0.0	0.0	1,321.9	0.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	1,321.9	1,321.9
..... Petroleum Liquids	Utility Scale Facilities	28,160.2	19.8	193.4	27,986.6	-173.6	216.9	233.3	0.3	59.3	0.0	1,439.9	0.3	-1,380.6	27,986.9	26,606.0
..... Other Gases	Utility Scale Facilities	1,893.6	20.0	66.0	1,847.6	-46.0	122.5	122.5	0.0	0.0	0.0	0.0	0.0	0.0	1,847.6	1,847.6
... Fossil Fuels Subtotal	Utility Scale Facilities	714,867.9	673.6	2,686.5	712,855.0	-2,012.9	-7,074.9	-9,017.4	740.4	5,544.0	0.0	8,283.0	740.4	-2,739.0	713,595.4	710,116.0
..... Hydroelectric Pumped Storage	Utility Scale Facilities	23,219.0	12.2	3.8	23,227.4	8.4	60.9	60.9	0.0	0.0	0.0	0.0	0.0	0.0	23,227.4	23,227.4
..... Flywheels	Utility Scale Facilities	47.0	0.0	0.0	47.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47.0	47.0
..... Batteries	Utility Scale Facilities	18,614.6	1,260.6	14.3	19,860.9	1,246.3	4,447.4	8,966.2	2,553.9	17,598.3	5.0	5.0	2,548.9	17,593.3	22,409.8	37,454.2
... Energy Storage Subtotal	Utility Scale Facilities	41,880.6	1,272.8	18.1	43,135.3	1,254.7	4,508.3	9,027.1	2,553.9	17,598.3	5.0	5.0	2,548.9	17,593.3	45,684.2	60,728.6
... Nuclear	Utility Scale Facilities	96,826.2	0.0	0.0	96,826.2	0.0	1,080.2	2,194.2	0.0	45.0	0.0	0.0	0.0	45.0	96,826.2	96,871.2
... All Other	Utility Scale Facilities	1,405.8	0.0	0.0	1,405.8	0.0	26.7	27.6	0.0	0.0	0.0	0.0	0.0	0.0	1,405.8	1,405.8
TOTAL	UTILITY SCALE FACILITIES	1,200,837.3	4,811.4	2,826.2	1,202,822.5	1,985.2	13,419.6	32,586.4	7,436.6	65,164.8	57.6	8,433.2	7,379.0	56,731.6	1,210,201.5	1,259,554.1
..... Estimated Small Scale Solar Photovoltaic	Small Scale Facilities	50,196.5			50,524.3	327.8	2,820.4	6,686.5								
..... Estimated Total Solar Photovoltaic	All Facilities	150,198.8			153,084.1	2,885.3	15,551.3	31,819.2								
... Estimated Total Solar	All Facilities	151,678.8			154,564.1	2,885.3	15,551.3	31,819.2								

NOTES:

Planned Capacity Additions reflect plans to begin operating new units and plans to uprate existing units.
 Planned Capacity Reductions reflect plans to retire or derate existing units.
 Actual Capacity Additions reflect new units, uprates to existing units, corrections to previously reported capacities, and additions not previously reported.
 Actual Capacity Reductions reflect retirements of and derates to existing units, corrections to previously reported capacities, and reductions not previously reported.
 Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this table.

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.'
 Estimated small scale solar photovoltaic capacity is based on data from Form EIA-861M, Form EIA-861 and from estimation methods described in the technical notes.

**Table 6.1.A. Estimated Net Summer Solar Photovoltaic Capacity From Utility and Small Scale Facilities (Megawatts)
2008 - June 2024**

Period	Utility Solar Photovoltaic	Estimated Small Scale Solar Photovoltaic	Estimated Total Solar Photovoltaic
Annual Totals			
2014	8,656.6	7,326.6	15,983.2
2015	11,905.4	9,778.5	21,683.9
2016	20,192.9	12,765.1	32,958.0
2017	25,209.0	16,147.8	41,356.8
2018	30,120.5	19,547.1	49,667.6
2019	35,710.2	23,213.6	58,923.8
2020	46,306.2	27,584.8	73,891.0
2021	60,070.1	33,081.0	93,151.1
2022	71,386.3	39,828.0	111,214.3
2023	89,828.9	47,703.9	137,532.8
Year 2022			
January	61,350.2	33,635.1	94,985.3
February	61,673.4	34,229.8	95,903.2
March	62,666.8	34,771.7	97,438.5
April	63,123.2	35,264.5	98,387.7
May	63,892.3	35,779.3	99,671.6
June	65,118.6	36,321.4	101,440.0
July	65,707.2	36,849.0	102,556.2
August	66,418.7	37,373.4	103,792.1
Sept	67,201.8	37,982.6	105,184.4
October	67,739.4	38,539.7	106,279.1
November	68,569.5	39,145.7	107,715.2
December	71,386.3	39,828.0	111,214.3
Year 2023			
January	72,500.3	40,576.8	113,077.1
February	73,255.2	41,186.8	114,442.0
March	73,878.7	41,653.3	115,532.0
April	74,760.5	42,428.3	117,188.8
May	75,828.1	43,110.2	118,938.3
June	77,427.1	43,837.8	121,264.9
July	79,450.9	44,441.7	123,892.6
August	80,157.8	45,279.3	125,437.1
Sept	81,004.9	45,892.7	126,897.6
October	82,539.6	46,547.6	129,087.2
November	83,426.5	47,258.2	130,684.7
December	89,828.9	47,703.9	137,532.8
Year 2024			
January	93,240.6	48,084.1	141,324.7
February	93,991.1	48,821.5	142,812.6
March	96,761.9	49,266.4	146,028.3
April	98,054.8	49,760.2	147,815.0
May	100,002.3	50,196.5	150,198.8
June	102,559.8	50,524.3	153,084.1

Values are preliminary.

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.'

Estimated small scale solar photovoltaic capacity is based on data from Form EIA-861M, Form EIA-861, and from estimation methods described in the technical notes.

Table 6.1.B. Estimated Net Summer Solar Photovoltaic Capacity From Small Scale Facilities by Sector (Megawatts): 2014 - June 2024

Period	Residential	Commercial	Industrial	Total
Annual Totals				
2014	3,346.3	3,279.7	700.6	7,326.6
2015	5,191.5	3,706.7	880.3	9,778.5
2016	7,527.0	4,022.8	1,215.3	12,765.1
2017	9,626.8	5,155.8	1,365.1	16,147.8
2018	11,720.4	6,271.4	1,555.4	19,547.1
2019	14,249.0	7,167.9	1,796.6	23,213.6
2020	17,163.3	8,376.1	2,045.3	27,584.8
2021	21,116.2	9,752.0	2,212.7	33,081.0
2022	26,294.0	11,212.3	2,321.7	39,828.0
2023	32,850.1	12,285.3	2,568.5	47,703.9
Year 2022				
January	21,342.5	10,082.9	2,209.6	33,635.1
February	21,777.1	10,239.2	2,213.5	34,229.8
March	22,187.6	10,363.3	2,220.8	34,771.7
April	22,604.0	10,429.8	2,230.8	35,264.5
May	22,993.1	10,550.3	2,235.8	35,779.3
June	23,394.8	10,681.1	2,245.6	36,321.4
July	23,816.8	10,780.8	2,251.4	36,849.0
August	24,279.7	10,833.1	2,260.6	37,373.4
Sept	24,735.6	10,976.6	2,270.5	37,982.6
October	25,241.5	11,003.9	2,294.3	38,539.7
November	25,728.0	11,117.3	2,300.5	39,145.7
December	26,294.0	11,212.3	2,321.7	39,828.0
Year 2023				
January	26,889.3	11,324.1	2,363.4	40,576.8
February	27,336.2	11,483.1	2,367.5	41,186.8
March	27,809.1	11,458.3	2,386.0	41,653.3
April	28,383.1	11,605.2	2,439.9	42,428.3
May	28,947.1	11,721.8	2,441.3	43,110.2
June	29,594.2	11,789.6	2,453.9	43,837.8
July	30,117.2	11,861.4	2,463.1	44,441.7
August	30,904.9	11,917.0	2,457.4	45,279.3
Sept	31,370.9	12,045.9	2,476.0	45,892.7
October	31,898.1	12,140.8	2,508.6	46,547.6
November	32,359.2	12,336.0	2,563.0	47,258.2
December	32,850.1	12,285.3	2,568.5	47,703.9
Year 2024				
January	33,093.6	12,417.9	2,572.6	48,084.1
February	33,530.3	12,669.1	2,622.1	48,821.5
March	33,795.9	12,852.2	2,618.3	49,266.4
April	34,216.7	12,903.0	2,640.5	49,760.2
May	34,295.6	13,282.7	2,618.2	50,196.5
June	34,425.2	13,500.2	2,598.9	50,524.3

Values are preliminary.

Improved renewable data reporting has resulted in realignment of the commercial and industrial sectors.

Estimated small scale solar photovoltaic capacity is based on data from Form EIA-861M, Form EIA-861, and from estimation methods described in the technical notes.

Table 6.2.A. Net Summer Capacity of Utility Scale Units by Technology and by State, June 2024 and 2023 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	7,468.6	7,103.4	21,022.5	22,548.0	1,863.4	1,863.4	370.9	330.0	3,326.9	3,356.1	22.0	22.0	34,074.3	35,222.9
Connecticut	568.8	536.7	7,269.1	7,272.9	29.4	29.4	1.6	1.6	2,081.2	2,108.0	0.0	0.0	9,950.1	9,948.6
Maine	2,736.2	2,562.5	2,312.2	2,306.2	0.0	0.0	62.3	46.3	0.0	0.0	22.0	22.0	5,132.7	4,937.0
Massachusetts	1,986.1	1,944.3	7,274.7	8,802.4	1,834.0	1,834.0	269.1	258.2	0.0	0.0	0.0	0.0	11,363.9	12,838.9
New Hampshire	946.6	944.1	2,260.4	2,260.4	0.0	0.0	14.0	0.0	1,245.7	1,248.1	0.0	0.0	4,466.7	4,452.6
Rhode Island	522.1	413.1	1,780.1	1,780.1	0.0	0.0	3.0	3.0	0.0	0.0	0.0	0.0	2,305.2	2,196.2
Vermont	708.8	702.7	126.0	126.0	0.0	0.0	20.9	20.9	0.0	0.0	0.0	0.0	855.7	849.6
Middle Atlantic	14,767.2	13,449.4	70,835.4	72,743.4	3,312.0	3,343.2	377.7	309.2	15,854.5	15,854.5	11.2	11.2	105,158.0	105,710.9
New Jersey	1,379.2	1,333.4	11,368.6	11,501.4	415.4	420.0	89.7	69.7	3,456.7	3,456.7	11.2	11.2	16,720.8	16,792.4
New York	9,693.2	9,039.4	25,794.5	25,783.4	1,405.1	1,408.8	233.4	184.9	3,304.6	3,304.6	0.0	0.0	40,430.8	39,721.1
Pennsylvania	3,694.8	3,076.6	33,672.3	35,458.6	1,491.5	1,514.4	54.6	54.6	9,093.2	9,093.2	0.0	0.0	48,006.4	49,197.4
East North Central	27,153.3	22,767.1	102,393.9	104,948.6	2,185.6	2,185.6	218.9	177.5	18,206.2	18,206.2	169.8	169.8	150,327.7	148,454.8
Illinois	9,253.2	8,510.0	23,967.0	25,554.8	0.0	0.0	96.1	96.1	11,567.6	11,567.6	78.0	78.0	44,961.9	45,806.5
Indiana	5,199.3	4,762.3	21,620.7	22,121.9	0.0	0.0	81.0	36.0	0.0	0.0	88.0	88.0	26,989.0	27,008.2
Michigan	5,524.5	5,041.9	20,306.5	20,320.5	2,185.6	2,185.6	1.3	1.3	3,318.0	3,318.0	3.8	3.8	31,339.7	30,871.1
Ohio	3,741.8	2,084.1	23,824.7	23,851.1	0.0	0.0	34.8	38.8	2,134.0	2,134.0	0.0	0.0	29,735.3	28,108.0
Wisconsin	3,434.5	2,368.8	12,675.0	13,100.3	0.0	0.0	5.7	5.3	1,186.6	1,186.6	0.0	0.0	17,301.8	16,661.0
West North Central	45,999.3	44,110.9	56,664.6	57,384.5	657.0	657.0	31.6	31.8	4,792.2	4,842.0	12.2	12.2	108,156.9	107,038.4
Iowa	13,356.6	13,093.4	9,378.7	9,403.5	0.0	0.0	8.9	8.9	0.0	0.0	0.0	0.0	22,744.2	22,505.8
Kansas	9,100.8	8,293.2	8,926.5	8,921.4	0.0	0.0	0.0	0.0	1,176.7	1,225.0	0.8	0.8	19,204.8	18,440.4
Minnesota	6,751.7	6,614.5	9,413.8	10,121.6	0.0	0.0	16.0	16.0	1,657.0	1,657.0	6.1	6.1	17,844.6	18,415.2
Missouri	3,038.2	3,038.2	16,286.1	16,261.7	657.0	657.0	1.0	2.2	1,190.0	1,190.0	0.0	0.0	21,172.3	21,149.1
Nebraska	3,935.1	3,854.1	6,153.4	6,167.0	0.0	0.0	4.9	3.9	768.5	770.0	0.0	0.0	10,861.9	10,795.0
North Dakota	4,839.9	4,845.9	4,556.9	4,557.8	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	9,402.1	9,409.0
South Dakota	4,977.0	4,371.6	1,949.2	1,951.5	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	6,327.0	6,323.9
South Atlantic	39,187.3	34,897.6	153,124.9	154,340.0	8,272.5	8,180.4	813.9	767.4	27,018.1	24,752.8	366.9	366.9	228,783.6	223,305.1
Delaware	113.1	105.7	3,189.9	3,189.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,303.0	3,295.6
District of Columbia	40.0	30.5	20.6	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.6	51.1
Florida	10,711.1	8,670.7	55,407.9	55,989.8	0.0	0.0	560.7	558.2	3,666.0	3,666.0	312.9	312.9	70,658.6	69,197.6
Georgia	7,335.1	6,764.5	23,457.0	23,532.2	1,897.4	1,897.4	81.2	81.2	6,289.0	4,061.0	0.0	0.0	39,059.7	36,336.3
Maryland	1,467.0	1,475.5	8,452.8	8,742.3	0.0	0.0	13.7	7.7	1,745.2	1,707.8	0.0	0.0	11,678.7	11,933.3
North Carolina	9,300.8	8,846.4	21,318.2	21,342.6	86.0	86.0	58.3	58.3	5,149.6	5,149.6	54.0	54.0	35,966.9	35,536.9
South Carolina	3,333.2	3,247.3	11,526.3	11,665.6	3,036.0	2,956.0	22.0	4.0	6,600.3	6,600.4	0.0	0.0	24,517.8	24,473.3
Virginia	5,588.9	4,557.8	15,993.8	16,083.0	3,253.1	3,241.0	30.5	10.5	3,568.0	3,568.0	0.0	0.0	28,434.3	27,460.3
West Virginia	1,298.1	1,199.2	13,758.4	13,774.0	0.0	0.0	47.5	47.5	0.0	0.0	0.0	0.0	15,104.0	15,020.7
East South Central	10,480.5	9,695.3	62,319.4	60,106.4	1,616.3	1,616.3	52.5	1.0	11,358.4	11,358.4	1.4	1.4	85,828.5	82,778.8
Alabama	4,509.6	4,537.5	21,134.0	19,100.2	0.0	0.0	1.0	1.0	5,452.7	5,452.7	0.0	0.0	31,097.3	29,091.4
Kentucky	1,346.5	1,291.7	17,047.5	16,343.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18,394.0	17,635.2
Mississippi	1,241.0	621.7	12,719.1	13,243.9	0.0	0.0	51.5	0.0	1,383.0	1,383.0	1.4	1.4	15,396.0	15,250.0
Tennessee	3,383.4	3,244.4	11,418.8	11,418.8	1,616.3	1,616.3	0.0	0.0	4,522.7	4,522.7	0.0	0.0	20,941.2	20,802.2
West South Central	77,485.3	68,961.0	139,257.0	141,523.4	288.0	288.0	4,571.3	2,635.2	8,941.9	8,934.0	578.1	548.2	231,121.6	222,889.8
Arkansas	2,491.6	1,823.4	10,875.0	11,260.8	30.0	30.0	22.0	22.0	1,825.0	1,822.0	0.0	0.0	15,243.6	14,958.2
Louisiana	958.6	758.6	20,740.2	21,547.5	0.0	0.0	0.0	0.5	2,136.9	2,132.0	359.1	329.2	24,194.8	24,767.8
Oklahoma	13,724.0	13,113.1	18,234.3	19,757.9	258.0	258.0	10.0	10.0	0.0	0.0	0.0	0.0	32,226.3	33,139.0
Texas	60,311.1	53,265.9	89,407.5	88,957.2	0.0	0.0	4,539.3	2,602.7	4,980.0	4,980.0	219.0	219.0	159,456.9	150,024.8
Mountain	45,241.2	39,756.5	58,247.8	58,268.5	806.7	806.7	3,406.8	796.0	3,937.0	3,937.0	124.6	123.7	111,764.1	103,688.4
Arizona	8,034.1	6,603.3	17,552.5	17,587.5	216.3	216.3	1,716.0	295.0	3,937.0	3,937.0	0.0	0.0	31,455.9	28,639.1
Colorado	8,233.9	7,737.7	10,472.4	10,486.2	590.4	590.4	292.0	235.2	0.0	0.0	9.1	9.1	19,597.8	19,058.6
Idaho	4,355.5	4,137.0	1,242.3	1,212.5	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	5,612.6	5,364.3
Montana	4,797.8	4,406.8	2,068.0	2,072.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	6,905.8	6,518.8
Nevada	6,912.4	5,593.5	8,084.1	8,081.4	0.0	0.0	1,108.8	200.0	0.0	0.0	6.5	6.5	16,111.8	13,881.4
New Mexico	6,325.4	5,513.5	4,849.1	4,848.0	0.0	0.0	289.0	64.8	0.0	0.0	0.7	0.7	11,464.2	10,427.0
Utah	2,927.0	2,358.7	7,303.8	7,307.5	0.0	0.0	1.0	1.0	0.0	0.0	40.2	40.2	10,272.0	9,707.4
Wyoming	3,655.1	3,406.0	6,675.6	6,673.4	0.0	0.0	0.0	0.0	0.0	0.0	13.3	12.4	10,344.0	10,091.8
Pacific Contiguous	79,340.4	76,107.3	44,837.8	45,844.3	4,225.9	4,225.9	9,538.2	5,625.0	3,391.0	3,391.0	91.2	94.4	141,424.5	135,287.9
California	40,414.6	37,121.8	36,996.2	38,029.7	3,911.9	3,911.9	9,497.2	5,584.0	2,240.0	2,240.0	91.2	94.4	93,151.1	86,981.8
Oregon	13,575.5	13,605.4	3,769.0	3,755.0	0.0	0.0	35.0	35.0	0.0	0.0	0.0	0.0	17,379.5	17,395.4
Washington	25,350.3	25,380.1	4,072.6	4,059.6	314.0	314.0	6.0	6.0	1,151.0	1,151.0	0.0	0.0	30,893.9	30,910.7
Pacific Noncontiguous	1,477.1	1,396.8	4,151.7	4,165.3	0.0	0.0	526.1	268.6	0.0	0.0	28.4	28.4	6,183.3	5,859.1
Alaska	549.9	541.2	2,171.8	2,185.4	0.0	0.0	93.7	93.7	0.0	0.0	0.9	0.9	2,816.3	2,821.2
Hawaii	927.2	855.6	1,979.9	1,979.9	0.0	0.0	432.4	174.9	0.0	0.0	27.5	27.5	3,367.0	3,037.9
U.S. Total	348,600.2	318,245.3	712,855.0	721,872.4	23,227.4	23,166.5	19,907.9	10,941.7	96,826.2	94,632.0	1,405.8	1,378.2	1,202,822.5	1,170,236.1

NM = Not meaningful due to large relative standard error.
Values are preliminary.

NOTES:

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

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

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

Table 6.2.B. Net Summer Capacity Using Primarily Renewable Energy Sources and by State, June 2024 and 2023 (Megawatts)

Census Division and State	Summer Capacity at Utility Scale Facilities														Small Scale Capacity		Capacity From Utility and Small Scale Facilities			
	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources		Estimated Solar Photovoltaic		Estimated Total Solar Photovoltaic		Estimated Total Solar	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
New England	1,575.7	1,575.7	2,694.3	2,323.9	0.0	0.0	1,951.2	1,950.4	1,247.4	1,253.4	0.0	0.0	7,468.6	7,103.4	5,509.5	4,688.1	8,203.8	7,012.0	8,203.8	7,012.0
Connecticut	5.0	5.0	305.0	272.9	0.0	0.0	119.2	119.2	139.6	139.6	0.0	0.0	568.8	536.7	1,044.0	892.5	1,349.0	1,165.4	1,349.0	1,165.4
Maine	1,029.5	1,029.5	492.3	318.6	0.0	0.0	725.8	725.8	488.6	488.6	0.0	0.0	2,736.2	2,562.5	669.5	410.3	1,161.8	728.9	1,161.8	728.9
Massachusetts	101.8	101.8	1,346.4	1,297.8	0.0	0.0	264.8	267.2	273.1	277.5	0.0	0.0	1,986.1	1,944.3	2,894.4	2,578.1	4,240.8	3,875.9	4,240.8	3,875.9
New Hampshire	211.9	211.9	2.4	2.4	0.0	0.0	506.5	504.0	225.8	225.8	0.0	0.0	946.6	944.1	252.6	210.5	255.0	212.9	255.0	212.9
Rhode Island	77.3	77.3	402.0	293.0	0.0	0.0	2.7	2.7	40.1	40.1	0.0	0.0	522.1	413.1	468.3	417.6	870.3	710.6	870.3	710.6
Vermont	150.2	150.2	146.2	139.2	0.0	0.0	332.2	331.5	80.2	81.8	0.0	0.0	708.8	702.7	180.8	179.0	327.0	318.2	327.0	318.2
Middle Atlantic	4,306.5	3,994.6	3,890.9	2,853.8	0.0	0.0	5,502.6	5,505.2	1,067.2	1,095.8	0.0	0.0	14,767.2	13,449.4	6,438.7	5,995.1	10,329.6	8,848.9	10,329.6	8,848.9
New Jersey	7.6	7.6	1,170.6	1,122.8	0.0	0.0	12.3	12.3	188.7	190.7	0.0	0.0	1,379.2	1,333.4	2,377.0	2,441.9	3,547.6	3,564.7	3,547.6	3,564.7
New York	2,746.3	2,527.0	1,930.8	1,493.8	0.0	0.0	4,560.8	4,563.3	455.3	455.3	0.0	0.0	9,693.2	9,039.4	3,186.6	2,813.4	5,117.4	4,307.2	5,117.4	4,307.2
Pennsylvania	1,552.6	1,460.0	789.5	237.2	0.0	0.0	929.5	929.6	423.2	449.8	0.0	0.0	3,694.8	3,076.6	875.2	739.9	1,664.7	977.1	1,664.7	977.1
East North Central	17,016.1	16,331.6	8,251.8	4,519.5	0.0	0.0	880.7	876.4	1,004.7	1,039.6	0.0	0.0	27,153.3	22,767.1	2,403.0	1,995.9	10,654.8	6,515.4	10,654.8	6,515.4
Illinois	7,873.7	7,494.9	1,291.4	927.0	0.0	0.0	32.9	32.9	55.2	55.2	0.0	0.0	9,253.2	8,510.0	1,282.0	1,040.7	2,573.4	1,967.7	2,573.4	1,967.7
Indiana	3,439.1	3,352.1	1,638.9	1,266.5	0.0	0.0	71.6	71.6	49.7	72.1	0.0	0.0	5,199.3	4,762.3	261.8	237.8	1,900.7	1,504.3	1,900.7	1,504.3
Michigan	3,775.3	3,561.1	995.0	727.7	0.0	0.0	263.8	263.8	490.4	489.3	0.0	0.0	5,524.5	5,041.9	234.0	208.6	1,229.0	936.3	1,229.0	936.3
Ohio	1,101.8	1,097.3	2,460.3	807.1	0.0	0.0	101.9	101.9	77.8	77.8	0.0	0.0	3,741.8	2,084.1	376.9	314.7	2,837.2	1,121.8	2,837.2	1,121.8
Wisconsin	826.2	826.2	1,866.2	791.2	0.0	0.0	410.5	406.2	331.6	345.2	0.0	0.0	3,434.5	2,368.8	248.3	194.1	2,114.5	985.3	2,114.5	985.3
West North Central	40,153.1	38,753.4	2,090.7	1,599.2	0.0	0.0	3,364.6	3,363.9	390.9	393.7	0.0	0.0	45,999.3	44,110.9	1,164.3	996.4	3,255.0	2,595.6	3,255.0	2,595.6
Iowa	12,803.8	12,602.9	322.8	260.5	0.0	0.0	209.4	209.4	20.6	20.6	0.0	0.0	13,356.6	13,093.4	300.1	250.8	622.9	511.3	622.9	511.3
Kansas	9,042.7	8,238.1	42.1	39.1	0.0	0.0	7.0	7.0	9.0	9.0	0.0	0.0	9,100.8	8,293.2	98.5	76.5	140.6	115.6	140.6	115.6
Minnesota	4,928.7	4,928.7	1,294.4	1,157.2	0.0	0.0	212.0	211.3	316.6	316.6	0.0	0.0	6,751.7	6,614.5	264.5	212.0	1,558.9	1,369.2	1,558.9	1,369.2
Missouri	2,374.9	2,374.9	100.8	100.8	0.0	0.0	548.5	548.5	14.0	14.0	0.0	0.0	3,038.2	3,038.2	460.0	424.4	560.8	525.2	560.8	525.2
Nebraska	3,518.3	3,518.3	121.6	40.6	0.0	0.0	279.7	279.7	15.5	15.5	0.0	0.0	3,935.1	3,854.1	34.7	29.3	156.3	69.9	156.3	69.9
North Dakota	4,320.1	4,323.3	0.0	0.0	0.0	0.0	510.0	510.0	9.8	12.6	0.0	0.0	4,839.9	4,845.9	NM	1.6	NM	1.6	NM	1.6
South Dakota	3,164.6	2,767.2	209.0	1.0	0.0	0.0	1,598.0	1,598.0	5.4	5.4	0.0	0.0	4,977.0	4,371.6	4.3	1.8	213.3	2.8	213.3	2.8
South Atlantic	1,267.2	1,267.2	27,004.2	22,528.8	0.0	0.0	7,055.3	7,142.6	3,860.6	3,959.0	0.0	0.0	39,187.3	34,897.6	5,911.7	4,959.2	32,915.9	27,488.0	32,915.9	27,488.0
Delaware	2.0	2.0	96.9	89.5	0.0	0.0	0.0	0.0	14.2	14.2	0.0	0.0	113.1	105.7	135.0	126.2	231.9	215.7	231.9	215.7
District of Columbia	0.0	0.0	28.0	18.5	0.0	0.0	0.0	0.0	12.0	12.0	0.0	0.0	40.0	30.5	159.4	126.9	187.4	145.4	187.4	145.4
Florida	0.0	0.0	9,666.0	7,486.0	0.0	0.0	43.5	43.5	1,001.6	1,141.2	0.0	0.0	10,711.1	8,670.7	2,589.7	2,141.2	12,255.7	9,627.2	12,255.7	9,627.2
Georgia	0.0	0.0	4,283.0	3,767.9	0.0	0.0	1,985.0	1,985.0	1,067.1	1,011.6	0.0	0.0	7,335.1	6,764.5	329.5	304.3	4,612.5	4,072.2	4,612.5	4,072.2
Maryland	190.0	190.0	622.2	555.6	0.0	0.0	514.9	590.0	139.9	139.9	0.0	0.0	1,467.0	1,475.5	1,089.8	1,001.1	1,712.0	1,556.7	1,712.0	1,556.7
North Carolina	208.0	208.0	6,710.2	6,242.7	0.0	0.0	2,010.5	2,011.7	372.1	384.0	0.0	0.0	9,300.8	8,846.4	534.2	449.5	7,244.4	6,692.2	7,244.4	6,692.2
South Carolina	0.0	0.0	1,573.5	1,491.6	0.0	0.0	1,294.0	1,305.0	465.7	450.7	0.0	0.0	3,333.2	3,247.3	399.5	366.0	1,973.0	1,857.6	1,973.0	1,857.6
Virginia	12.0	12.0	3,925.5	2,877.0	0.0	0.0	866.6	866.6	784.8	802.2	0.0	0.0	5,588.9	4,557.8	634.3	412.9	4,559.8	3,289.9	4,559.8	3,289.9
West Virginia	855.2	855.2	98.9	0.0	0.0	0.0	340.8	340.8	3.2	3.2	0.0	0.0	1,298.1	1,199.2	40.3	31.0	139.2	31.0	139.2	31.0
East South Central	213.6	29.1	2,094.6	1,462.0	0.0	0.0	7,037.8	7,037.8	1,134.5	1,166.4	0.0	0.0	10,480.5	9,695.3	189.4	152.4	2,284.0	1,614.4	2,284.0	1,614.4
Alabama	0.0	0.0	601.1	601.1	0.0	0.0	3,291.8	3,291.8	616.7	644.6	0.0	0.0	4,509.6	4,537.5	NM	NM	NM	NM	NM	NM
Kentucky	0.0	0.0	138.6	79.8	0.0	0.0	1,137.4	1,137.4	70.5	74.5	0.0	0.0	1,346.5	1,291.7	106.1	82.1	244.7	161.9	244.7	161.9
Mississippi	184.5	0.0	754.1	319.3	0.0	0.0	0.0	0.0	302.4	302.4	0.0	0.0	1,241.0	621.7	18.5	13.5	772.6	332.8	772.6	332.8
Tennessee	29.1	29.1	600.8	461.8	0.0	0.0	2,608.6	2,608.6	144.9	144.9	0.0	0.0	3,383.4	3,244.4	49.1	44.3	649.9	506.1	649.9	506.1
West South Central	54,302.7	52,380.4	19,102.9	12,476.5	0.0	0.0	3,004.5	3,016.1	1,075.2	1,088.0	0.0	0.0	77,485.3	68,961.0	3,471.2	2,910.4	22,574.1	15,386.9	22,574.1	15,386.9
Arkansas	0.0	0.0	1,002.6	331.2	0.0	0.0	1,265.2	1,265.2	223.8	227.0	0.0	0.0	2,491.6	1,823.4	304.3	243.7	1,306.9	574.9	1,306.9	574.9
Louisiana	0.0	0.0	344.5	144.5	0.0	0.0	192.0	192.0	422.1	422.1	0.0	0.0	958.6	758.6	204.0	176.0	548.5	320.5	548.5	320.5
Oklahoma	12,648.2	12,145.7	167.5	47.5	0.0	0.0	832.1	843.7	76.2	76.2	0.0	0.0	13,724.0	13,113.1	129.2	86.8	296.7	134.3	296.7	134.3
Texas	41,654.5	40,234.7	17,588.3	11,953.3	0.0	0.0	715.2	715.2	353.1	362.7	0.0	0.0	60,311.1	53,265.9	2,833.8	2,404.0	20,422.1	14,357.3	20,422.1	14,357.3
Mountain	17,380.8	16,396.0	15,894.3	11,356.1	474.2	474.2	10,567.4	10,610.2	176.2	175.7	748.3	744.3	45,241.2	39,756.5	6,175.4	5,204.0	22,069.7	16,560.1	22,543.9	17,034.3
Arizona	1,071.5	855.5	3,918.4	2,703.6	295.6	295.6	2,720.7	2,720.7	27.9	27.9	0.0	0.0	8,034.1	6,603.3	2,796.5	2,330.9	6,714.9	5,034.5	7,010.5	5,330.1
Colorado	5,336.7	5,137.7	2,178.8	1,881.6	0.0	0.0	689.7	689.7	28.7	28.7	0.0	0.0	8,233.9	7,737.7	1,142.7	956.6	3,321.5	2,838.2	3,321.5	2,838.2
Idaho	1,128.3	968.3	502.0	402.0	0.0	0.0	2,630.8	2,672.3	84.4	84.4	10.0	10.0	4,355.5	4,137.0	164.3	141.9	666.3	543.9	666.3	543.9
Montana	1,789.6	1,478.9	177.0	97.0	0.0	0.0	2,825.0	2,826.3	6.2	4.6	0.0	0.0	4,797.8	4,406.8	67.1	48.1	244.1	145.1	244.1	145.1
Nevada	150.0	150.0	4,863.4	3,548.5	178.5	178.5	1,051.7	1,051.7	9.8	9.8	659.0	655.0	6,912.4	5,593.5	1,045.5	864.0	5,908.9	4,412.5	6,087.4	4,591.0
New Mexico	4,409.0	4,409.0	1,821.9	1,005.7	0.0	0.0	82.7	82.7	3.2	7.5	8.6	8.6	6,325.4	5,513.5	395.3	348.8	2,217.2	1,354.5	2,217.2	1,354.5
Utah	389.7	389.7	2,190.8	1,625.7	0.1	0.1	259.7	259.7	16.0	12.8	70.7	70.7	2,927.0	2,358.7	544.7	496.4	2,735.5	2,122.1	2,735.5	2,122.2
Wyoming	3,106.0	3,006.9	242.0	92.0	0.0	0.0	307.1	307.1	0.0	0.0	0.0	0.0	3,655.1	3,406.0	19.4	17.4	261.4	109.4	261.4	109.4
Pacific Contiguous	13,751.1	13,483.8	21,063.7	17,913.4	1,005.8	1,005.8	39,956.2													

Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State, June 2024 and 2023 (Megawatts)

Census Division and State	Natural Gas Fired Combined Cycle		Natural Gas Fired Combustion Turbine		Other Natural Gas		Coal		Petroleum Coke		Petroleum Liquids		Other Gases		Total Fossil Fuels	
	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023	June 2024	June 2023
	New England	12,606.4	14,332.0	1,238.2	1,581.8	686.5	681.8	533.9	533.9	0.0	0.0	5,957.5	5,418.5	0.0	0.0	21,022.5
Connecticut	3,905.6	3,919.4	584.0	587.6	570.8	557.2	0.0	0.0	0.0	0.0	2,208.7	2,208.7	0.0	0.0	7,269.1	7,272.9
Maine	1,285.7	1,279.7	181.8	181.8	0.0	0.0	0.0	0.0	0.0	0.0	844.7	844.7	0.0	0.0	2,312.2	2,306.2
Massachusetts	4,451.4	6,169.2	456.2	796.2	90.3	99.2	0.0	0.0	0.0	0.0	2,276.8	1,737.8	0.0	0.0	7,274.7	8,802.4
New Hampshire	1,228.5	1,228.5	3.8	3.8	0.0	0.0	533.9	533.9	0.0	0.0	494.2	494.2	0.0	0.0	2,260.4	2,260.4
Rhode Island	1,735.2	1,735.2	12.4	12.4	25.4	25.4	0.0	0.0	0.0	0.0	7.1	7.1	0.0	0.0	1,780.1	1,780.1
Vermont	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126.0	126.0	0.0	0.0	126.0	126.0
Middle Atlantic	37,337.7	37,247.6	6,951.5	7,098.4	15,937.8	15,154.4	5,382.6	8,023.2	11.6	11.6	5,099.3	5,093.3	114.9	114.9	70,835.4	72,743.4
New Jersey	8,374.0	8,356.5	2,594.0	2,740.5	69.9	73.7	0.0	0.0	11.6	11.6	290.1	290.1	29.0	29.0	11,368.6	11,501.4
New York	9,908.9	9,903.0	2,459.2	2,459.6	9,962.7	9,946.9	0.0	0.0	0.0	0.0	3,463.7	3,473.9	0.0	0.0	25,794.5	25,783.4
Pennsylvania	19,054.8	18,988.1	1,898.3	1,898.3	5,905.2	5,133.8	5,382.6	8,023.2	0.0	0.0	1,345.5	1,329.3	85.9	85.9	33,672.3	35,458.6
East North Central	31,459.1	31,263.7	26,209.4	26,827.3	4,501.6	5,387.0	36,681.3	37,915.2	251.1	249.9	2,269.4	2,255.5	1,022.0	1,050.0	102,393.9	104,948.6
Illinois	5,823.1	5,902.4	10,380.0	10,689.9	373.0	1,409.0	6,694.5	6,853.5	0.0	0.0	659.9	663.5	36.5	36.5	23,967.0	25,554.8
Indiana	3,916.2	3,875.0	3,365.9	3,365.9	851.4	829.0	12,847.2	13,411.1	0.0	0.0	94.9	95.8	545.1	545.1	21,620.7	22,121.9
Michigan	7,691.6	7,365.6	3,570.0	3,896.0	2,513.3	2,540.5	5,801.9	5,801.9	47.2	47.2	432.5	419.3	250.0	250.0	20,306.5	20,320.5
Ohio	10,554.2	10,597.8	5,721.3	5,686.6	101.0	102.2	6,607.5	6,607.5	145.5	144.3	504.8	494.3	190.4	218.4	23,824.7	23,851.1
Wisconsin	3,474.0	3,522.9	3,172.2	3,188.9	662.9	506.3	4,730.2	5,241.2	58.4	58.4	577.3	582.6	0.0	0.0	12,675.0	13,100.3
West North Central	7,047.3	7,073.6	11,620.1	11,575.3	3,758.7	3,655.9	30,360.2	31,144.5	32.0	39.5	3,837.9	3,890.1	8.4	5.6	56,664.6	57,384.5
Iowa	1,741.9	1,752.5	1,210.6	1,113.4	751.2	729.1	4,846.3	4,833.2	32.0	39.5	796.7	935.8	0.0	0.0	9,378.7	9,403.5
Kansas	247.0	266.0	2,208.4	2,199.0	1,400.3	1,392.7	4,524.7	4,521.4	0.0	0.0	546.1	542.3	0.0	0.0	8,926.5	8,921.4
Minnesota	2,532.9	2,532.9	2,545.0	2,545.8	421.9	446.9	3,141.7	3,823.7	0.0	0.0	772.3	772.3	0.0	0.0	9,413.8	10,121.6
Missouri	1,892.5	1,889.2	3,200.8	3,261.0	391.6	391.6	9,714.2	9,714.2	0.0	0.0	1,087.0	1,005.7	0.0	0.0	16,286.1	16,261.7
Nebraska	338.0	338.0	1,107.6	1,106.9	518.4	517.4	3,825.8	3,845.6	0.0	0.0	363.6	359.1	0.0	0.0	6,153.4	6,167.0
North Dakota	0.0	0.0	454.0	454.0	203.9	106.8	3,832.5	3,931.4	0.0	0.0	58.1	60.0	8.4	5.6	4,556.9	4,557.8
South Dakota	295.0	295.0	893.7	895.2	71.4	71.4	475.0	475.0	0.0	0.0	214.1	214.9	0.0	0.0	1,949.2	1,951.5
South Atlantic	65,853.6	65,845.8	32,238.9	31,826.1	14,128.3	14,231.6	34,826.2	36,034.7	83.8	83.8	5,859.1	6,183.0	135.0	135.0	153,124.9	154,340.0
Delaware	1,496.0	1,496.0	314.0	314.0	723.8	723.8	410.0	410.0	0.0	0.0	111.1	111.1	135.0	135.0	3,189.9	3,189.9
District of Columbia	0.0	0.0	20.6	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	20.6
Florida	35,815.0	35,707.4	8,791.0	8,834.0	5,201.3	5,201.3	3,989.7	4,615.7	0.0	0.0	1,610.9	1,631.4	0.0	0.0	55,407.9	55,989.8
Georgia	8,067.0	8,073.2	7,569.1	7,143.5	850.1	850.1	5,780.0	5,780.0	83.8	83.8	1,107.0	1,601.6	0.0	0.0	23,457.0	23,532.2
Maryland	2,745.8	2,766.0	1,675.6	1,675.7	1,210.1	1,210.1	1,273.0	1,758.0	0.0	0.0	1,548.3	1,332.5	0.0	0.0	8,452.8	8,742.3
North Carolina	5,579.0	5,579.0	6,030.5	6,002.5	4,665.7	4,665.7	4,552.0	4,594.0	0.0	0.0	491.0	501.4	0.0	0.0	21,318.2	21,342.6
South Carolina	3,252.0	3,252.0	2,502.7	2,497.0	780.0	883.0	4,749.0	4,789.0	0.0	0.0	242.6	244.6	0.0	0.0	11,526.3	11,665.6
Virginia	8,898.8	8,972.2	4,245.9	4,249.3	581.8	582.1	1,530.1	1,530.1	0.0	0.0	737.2	749.4	0.0	0.0	15,993.8	16,083.0
West Virginia	0.0	0.0	1,089.5	1,089.5	115.5	115.5	12,542.4	12,558.0	0.0	0.0	11.0	11.0	0.0	0.0	13,758.4	13,774.0
East South Central	23,802.8	22,461.4	13,682.0	12,325.0	4,012.2	4,475.8	20,288.5	20,306.5	0.0	0.0	533.9	533.9	0.0	3.8	62,319.4	60,106.4
Alabama	11,172.2	9,828.3	3,307.8	2,644.8	1,883.4	1,852.7	4,728.0	4,728.0	0.0	0.0	42.6	42.6	0.0	3.8	21,134.0	19,100.2
Kentucky	1,791.0	1,763.0	5,599.6	4,905.6	483.0	483.0	9,162.0	9,180.0	0.0	0.0	11.9	11.9	0.0	0.0	17,047.5	16,343.5
Mississippi	8,384.5	8,415.0	1,369.3	1,369.3	1,512.3	2,006.6	1,444.0	1,444.0	0.0	0.0	9.0	9.0	0.0	0.0	12,719.1	13,243.9
Tennessee	2,455.1	2,455.1	3,405.3	3,405.3	133.5	133.5	4,954.5	4,954.5	0.0	0.0	470.4	470.4	0.0	0.0	11,418.8	11,418.8
West South Central	64,249.8	65,978.4	17,216.8	16,964.1	29,101.5	29,703.8	26,698.6	27,078.9	891.4	882.1	754.2	702.7	344.7	213.4	139,257.0	141,523.4
Arkansas	4,605.2	4,616.3	702.8	702.8	824.0	824.0	4,734.0	5,108.7	0.0	0.0	9.0	9.0	0.0	0.0	10,875.0	11,260.8
Louisiana	9,579.0	9,695.8	2,834.2	2,977.1	5,212.6	5,742.9	2,069.5	2,074.1	827.6	818.3	49.7	49.7	167.6	189.6	20,740.2	21,547.5
Oklahoma	7,349.6	8,922.9	1,649.2	1,643.0	5,909.1	5,881.1	3,272.5	3,244.5	0.0	0.0	53.9	66.4	0.0	0.0	18,234.3	19,757.9
Texas	42,716.0	42,743.4	12,030.6	11,641.2	17,155.8	17,255.8	16,622.6	16,651.6	63.8	63.8	641.6	577.6	177.1	23.8	89,407.5	88,957.2
Mountain	23,082.2	23,060.9	9,606.6	9,642.9	3,689.3	3,687.0	21,299.9	21,307.9	52.0	52.0	510.0	510.0	7.8	7.8	58,247.8	58,268.5
Arizona	10,176.6	10,193.6	3,070.8	3,084.8	1,097.6	1,097.6	2,939.0	2,943.0	0.0	0.0	268.5	268.5	0.0	0.0	17,552.5	17,587.5
Colorado	3,193.5	3,193.5	2,688.0	2,701.8	633.4	633.4	3,804.0	3,804.0	0.0	0.0	150.5	150.5	3.0	3.0	10,472.4	10,486.2
Idaho	601.0	562.7	619.2	627.7	16.7	16.7	0.0	0.0	0.0	0.0	5.4	5.4	0.0	0.0	1,242.3	1,212.5
Montana	0.0	0.0	315.8	315.8	72.2	72.2	1,626.5	1,630.5	52.0	52.0	0.0	0.0	1.5	1.5	2,068.0	2,072.0
Nevada	5,703.0	5,703.0	1,185.6	1,185.6	449.1	446.4	740.4	740.4	0.0	0.0	6.0	6.0	0.0	0.0	8,084.1	8,081.4
New Mexico	1,484.1	1,484.1	945.3	945.3	833.7	832.6	1,540.0	1,540.0	0.0	0.0	46.0	46.0	0.0	0.0	4,849.1	4,848.0
Utah	1,830.0	1,830.0	534.6	534.6	330.4	334.1	4,581.0	4,581.0	0.0	0.0	27.8	27.8	0.0	0.0	7,303.8	7,307.5
Wyoming	94.0	94.0	247.3	247.3	256.2	254.0	6,069.0	6,069.0	0.0	0.0	5.8	5.8	3.3	3.3	6,675.6	6,673.4
Pacific Contiguous	26,484.5	26,732.9	12,312.6	12,254.5	4,659.9	5,496.3	727.0	727.0	0.0	0.0	439.0	439.0	214.8	194.6	44,837.8	45,844.3
California	20,438.7	20,711.1	11,469.4	11,411.3	4,401.1	5,240.5	57.0	57.0	0.0	0.0	415.2	415.2	214.8	194.6	36,996.2	38,029.7
Oregon	3,409.2	3,395.2	124.0	124.0	229.2	229.2	0.0	0.0	0.0	0.0	6.6	6.6	0.0	0.0	3,769.0	3,755.0
Washington	2,636.6	2,626.6	719.2	719.2	29.6	26.6	670.0	670.0	0.0	0.0	17.2	17.2	0.0	0.0	4,072.6	4,059.6
Pacific Noncontiguous	374.6	374.6	708.5	721.1	174.4	174.4	167.9	167.9	0.0	0.0	2,726.3	2,727.3	0.0	0.0	4,151.7	4,165.3
Alaska	374.6	374.6	708.5	721.1	174.4	174.4	167.9	167.9	0.0	0.0	746.4					

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

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
2024	1	59573		IPP	Amazon Bakersfield 1 Solar Project	CA	65562	ABFSP	4.2		SUN	PV
2024	1	59573		IPP	Amazon Bakersfield 1 Solar Project	CA	65562	ABSBA	1.6		MWH	BA
2024	1	66274		Industrial	AstraZeneca Newark Solar	DE	67572	PV-A	1.6		SUN	PV
2024	1	66274		Industrial	AstraZeneca Newark Solar	DE	67572	PV-B	1.6		SUN	PV
2024	1	65060		IPP	BPL Crown Solar LLC	TX	64259	OCICR	100.0		SUN	PV
2024	1	65489		IPP	Canyon Wind Project, LLC	TX	60271	WT1	308.8		WND	WT
2024	1	65311		IPP	Clearwater Wind East	MT	66183	CWE	207.9		WND	WT
2024	1	65479		IPP	Goleta Energy Storage, LLC	CA	66394	GOLET	60.0		MWH	BA
2024	1	65181		IPP	House Mountain	TX	66006	BA	63.0		MWH	BA
2024	1	64927		IPP	Lumina II Solar Project	TX	65644	LUMII	321.0		SUN	PV
2024	1	64924		IPP	Lumina Solar Project	TX	65645	LUMIN	320.0		SUN	PV
2024	1	65560		IPP	ME Augusta 13 York Farm Rd Solar	ME	66512	18196	1.0		SUN	PV
2024	1	65860		IPP	Madison Fields Solar Project, LLC	OH	66198	USMDF	180.0		SUN	PV
2024	1	65577		IPP	NY Potsdam 28 Hamilton St. Solar	NY	66530	21013	4.4		SUN	PV
2024	1	65580		IPP	Pioneer Hutt Wind Energy	TX	66531	WPION	140.0		WND	WT
2024	1	65173		IPP	USS Martha Solar (CSG)	MN	66477	USMAS	1.0		SUN	PV
2024	1	65076		IPP	Val Verde	TX	65837	VALVR	9.9		MWH	BA
2024	1	63961		IPP	White Rock East Wind Project	OK	64341	WRE	201.5		WND	WT
2024	1	62921	Arroyo Solar LLC	IPP	Arroyo Solar Energy Storage Hybrid	NM	63172	ARSOL	300.0		SUN	PV
2024	1	56769	Consolidated Edison Development Inc.	IPP	Mesquite Solar 4, LLC	AZ	65962	MS4	52.5		SUN	PV
2024	1	56769	Consolidated Edison Development Inc.	IPP	Mesquite Solar 4, LLC	AZ	65962	MS4B	10.0		MWH	BA
2024	1	61610	Delaware River Solar, LLC	IPP	Day Hollow Road Community Solar	NY	65826	1829	5.0		SUN	PV
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM45	2.8		NG	FC
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM46	2.8		NG	FC
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM47	2.8		NG	FC
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM48	2.8		NG	FC
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM49	2.8		NG	FC
2024	1	6452	Florida Power & Light Co	Electric Utility	Beautyberry	FL	65874	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Caloosahatchee	FL	65871	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Canoe	FL	65866	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Ibis	FL	65877	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Monarch	FL	65872	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Orchard	FL	65925	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Pineapple	FL	65865	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Prairie Creek FL	FL	65868	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Silver Palm	FL	65878	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Terrill Creek	FL	65882	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Turnpike	FL	65873	1	74.5		SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	White Tail	FL	65869	1	74.5		SUN	PV
2024	1	62856	Forefront Power, LLC	IPP	CA - DGS RFP - RJ Donovan State Prison	CA	65104	15111	2.0		SUN	PV
2024	1	62856	Forefront Power, LLC	IPP	CA-DGS RFP-Pleasant Valley State Prison	CA	65526	15112	2.0		SUN	PV
2024	1	61194	Generate Capital	IPP	Spencer (NY)	NY	67617	11017	4.9		SUN	PV
2024	1	60025	Greenbacker Renewable Energy Corporation	IPP	Appaloosa Solar I	UT	65678	AS1A	120.0		SUN	PV
2024	1	60025	Greenbacker Renewable Energy Corporation	IPP	Appaloosa Solar I	UT	65678	AS1B	80.0		SUN	PV
2024	1	24205	HF Sinclair Parco Refining LLC	Industrial	Sinclair Oil Refinery	WY	54374	NO7	2.2		NG	IC
2024	1	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Arche Energy Project, LLC	OH	65402	ARCHE	107.0		SUN	PV
2024	1	12796	Monongahela Power Co	Electric Utility	Fort Martin Solar	WV	66898	FTMS	18.9		SUN	PV
2024	1	61227	Nautilus Solar Solutions	IPP	SolarClub 30 (CSG)	MN	67332	SC	1.0		SUN	PV
2024	1	59216	S.C. Johnson & Son, Inc.	Industrial	Waxdale	WI	59448	SITEA	1.3		SUN	PV
2024	1	59216	S.C. Johnson & Son, Inc.	Industrial	Waxdale	WI	59448	SITEB	0.4		SUN	PV
2024	1	59216	S.C. Johnson & Son, Inc.	Industrial	Waxdale	WI	59448	SITEC	0.4		SUN	PV
2024	2	65061		IPP	BPL Sol Solar LLC	TX	64260	OCISO	100.0		SUN	PV
2024	2	65054		IPP	Easton CSG 1 LLC	ME	65798	ESTON	1.3		SUN	PV
2024	2	66239		IPP	EI Dorado AR	AR	67517	63154	1.8		SUN	PV
2024	2	64872		IPP	FFP - NY Werner CSG	NY	66829	P5650	5.0		SUN	PV
2024	2	65076		IPP	Hamilton BESS	TX	66782	HAMIL	9.9		MWH	BA
2024	2	63959		IPP	Horizon Hill Wind Project	OK	64339	HHILL	201.5		WND	WT
2024	2	65755		IPP	Justin Court Energy Storage	NJ	66758	JC1	20.0		MWH	BA
2024	2	65785		IPP	ME Novel Lighthouse - Huggard Ave Solar CSG	ME	66833	HUG	2.5		SUN	PV
2024	2	65574		IPP	NY Geneseo 3240 W Lake Rd Solar	NY	66526	19372	5.0		SUN	PV
2024	2	65576		IPP	NY Lancaster Gunnville Rd Site 1 Solar CSG	NY	66528	18237	5.0		SUN	PV
2024	2	65576		IPP	NY Lancaster Shisler Rd Site 2 Solar CSG	NY	66529	21013	5.2		SUN	PV
2024	2	64358		IPP	New Market Solar	OH	64853	NMS2	65.0		SUN	PV
2024	2	65677		IPP	Prince Edward CSG LLC	VA	67139	PRINC	4.0		SUN	PV
2024	2	63639		IPP	Rocket Solar, LLC	UT	63983	RS	80.0		SUN	PV

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

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
2024	2	65969		IPP	SR Marion, LLC	TN	67158	MARN1	1.3		SUN	PV
2024	2	64371		IPP	Slayton Settlement Road Solar CSG	NY	64867	SLYTA	5.0		SUN	PV
2024	2	66150		IPP	Source Power NY III - Medina II (CSG)	NY	66259	P5646	5.0		SUN	PV
2024	2	64932		IPP	Texas Solar Nova 2	TX	65660	TSN2	200.0		SUN	PV
2024	2	65677		IPP	White Stone Ocran Solar LLC Community Solar	VA	67138	WHITE	5.0		SUN	PV
2024	2	61717	Birch Solar	IPP	Birch Solar	SC	62185	27	2.0		SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Hay River (Dunn 1)	WI	66993	717	1.5		SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Popple Creek (Clark 1)	WI	66995	715	2.0		SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Trimbelle (Pierce Pepin)	WI	67054	705	2.0		SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Walleye (Dunn 2)	WI	66994	720	1.5		SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Wolf River (Chipewa 1)	WI	67057	707	1.5		SUN	PV
2024	2	9417	Interstate Power and Light Co	Electric Utility	Cedar Rapids Community Solar	IA	67089	PV1	4.5		SUN	PV
2024	2	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 2	PA	65077	PACT2	20.0		SUN	PV
2024	2	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 5	PA	65080	PACT5	20.0		SUN	PV
2024	2	61944	MN8 Energy LLC	IPP	NY8 - Teichos Pattersonville	NY	65840	GEN1	20.0		SUN	PV
2024	2	61944	MN8 Energy LLC	IPP	Summit - Cicero	NY	66273	GEN1	5.0		SUN	PV
2024	2	11479	Madison Gas & Electric Co	Electric Utility	Tyto Solar	WI	67196	1	6.0		SUN	PV
2024	2	61153	Montevue Lane Solar, LLC	IPP	Fort Detrick Solar PV	MD	61552	FDSBS	6.0		MWH	BA
2024	2	61227	Nautilus Solar Solutions	IPP	Mustang One	MD	67399	SC	1.5		SUN	PV
2024	2	61227	Nautilus Solar Solutions	IPP	Sanford -NY	NY	67452	SC	4.9		SUN	PV
2024	3	66235		IPP	ADC Varner	AR	67513	63612	4.9		SUN	PV
2024	3	64996		IPP	Arica Solar	CA	65744	ARCBA	136.0		MWH	BA
2024	3	64996		IPP	Arica Solar	CA	65744	ARCPV	263.0		SUN	PV
2024	3	64994		IPP	Auburn Solar LLC (CSG)	OR	66378	PV1	2.9		SUN	PV
2024	3	65400		IPP	Blake Solar Plant	WV	66276	US620	80.0		SUN	PV
2024	3	64624		IPP	Cedar Creek Wind, LLC	ID	65311	CDCRK	160.0		WND	WT
2024	3	65076		IPP	Diboll BESS	TX	66794	DIBOL	9.9		MWH	BA
2024	3	65076		IPP	Garden City East BESS	TX	66791	GRDNE	9.9		MWH	BA
2024	3	63545		IPP	Golden Field Solar III, LLC	CA	63859	RCBA	147.0		MWH	BA
2024	3	64994		IPP	Gray Fox Solar LLC	NC	66377	PV1	5.0		SUN	PV
2024	3	64994		IPP	Harding Solar, LLC	NC	67053	PV1	3.0		SUN	PV
2024	3	66099		IPP	Jade Meadow LLC	MD	67214	JMS01	19.8		SUN	PV
2024	3	65076		IPP	Judkins BESS	TX	66790	JUDKS	9.9		MWH	BA
2024	3	65076		IPP	Lufkin South BESS	TX	66789	LUFKS	9.9		MWH	BA
2024	3	65076		IPP	Mineral Wells East BESS	TX	66788	MNWLE	9.9		MWH	BA
2024	3	65575		IPP	NY Grand Island 871 Whitehaven Rd Solar	NY	66527	21011	5.0		SUN	PV
2024	3	64507		IPP	North Haven Solar One	CT	65109	VCP11	1.6		SUN	PV
2024	3	65076		IPP	Pauline BESS	TX	66784	PAULN	9.9		MWH	BA
2024	3	66163		IPP	SR Canadaville, LLC	TN	67298	CANAD	16.0		SUN	PV
2024	3	63781		IPP	SR North Stonington	CT	64160	STONE	12.0		SUN	PV
2024	3	64994		IPP	Sheridan Solar LLC (CSG)	OR	66354	PV1	3.0		SUN	PV
2024	3	64371		IPP	Slayton Settlement Road Solar CSG	NY	64867	SLYTB	2.0		SUN	PV
2024	3	65426		IPP	St. Gall Energy Storage I	TX	66336	SGES1	100.0		MWH	BA
2024	3	64994		IPP	Sunflower Solar LLC	SC	67051	PV1	10.0		SUN	PV
2024	3	64995		IPP	Victory Pass	CA	65743	VCTBA	50.0		MWH	BA
2024	3	64995		IPP	Victory Pass	CA	65743	VCTPV	200.0		SUN	PV
2024	3	65677		IPP	Visalia CSG LLC	CA	66677	VISAL	3.0		SUN	PV
2024	3	65014		IPP	Waco Solar	TX	65762	SWACO	400.0		SUN	PV
2024	3	64994		IPP	Washington Solar	NC	60948	PV1	5.0		SUN	PV
2024	3	64904		IPP	Westport Stone & Sand Solar (CSG)	MA	66447	WESTP	5.0		SUN	PV
2024	3	64994		IPP	Whitehall Solar LLC	SC	67052	PV1	2.0		SUN	PV
2024	3	61012	AES Distributed Energy	IPP	AES West Oahu Solar Hybrid	HI	64656	UHBES	12.5		MWH	BA
2024	3	61012	AES Distributed Energy	IPP	AES West Oahu Solar Hybrid	HI	64656	UHWO	12.5		SUN	PV
2024	3	58939	Cameron Wind 1 LLC	IPP	Cameron Wind 1 LLC	TX	59118	SABAL	16.4		MWH	BA
2024	3	3913	City of Colby - (KS)	Electric Utility	Colby City of	KS	1272	9	3.0		DFO	IC
2024	3	6455	Duke Energy Florida, LLC	Electric Utility	Mule Creek Renewable Energy Center	FL	65501	PV1	74.9		SUN	PV
2024	3	6455	Duke Energy Florida, LLC	Electric Utility	Winquepin Renewable Energy Center	FL	66553	PV1	74.9		SUN	PV
2024	3	59380	Enel Green Power NA, Inc.	IPP	Ganado Solar	TX	67284	GBA	70.5		MWH	BA
2024	3	6452	Florida Power & Light Co	Electric Utility	Big Juniper Solar	FL	65862	1	74.5		SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Fourmile Creek	FL	65927	1	74.5		SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Hawthorne Creek	FL	65926	1	74.5		SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Nature Trail	FL	65924	1	74.5		SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Pecan Tree	FL	65879	1	74.5		SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Sambucus	FL	65864	1	74.5		SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Sparkleberry	FL	65867	1	74.5		SUN	PV

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

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
2024	3	6452	Florida Power & Light Co	Electric Utility	Three Creeks	FL	65863	1	74.5		SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Wild Quail	FL	65910	1	74.5		SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Woodyard	FL	65875	1	74.5		SUN	PV
2024	3	62856	Forefront Power, LLC	IPP	CA-DGS- RFP-Correctional Training Fac	CA	65524	14069	1.6		SUN	PV
2024	3	62856	Forefront Power, LLC	IPP	Grossmont-Cuyamaca-Cuyamaca Col. Solar &	CA	66023	18009	1.4		SUN	PV
2024	3	62856	Forefront Power, LLC	IPP	Grossmont-Cuyamaca-Cuyamaca Col. Solar &	CA	66023	19043	1.0		MWH	BA
2024	3	63117	Gemini Solar	IPP	Gemini Solar	NV	63352	ARBE1	690.0		SUN	PV
2024	3	63117	Gemini Solar	IPP	Gemini Solar	NV	63352	ARPV1	380.0		MWH	BA
2024	3	60025	Greenbacker Renewable Energy Corporation	IPP	Athens Ridge	ME	66832	574	2.9		SUN	PV
2024	3	60025	Greenbacker Renewable Energy Corporation	IPP	Ogema	WI	67055	706	1.4		SUN	PV
2024	3	8366	Heber Light & Power Company	Electric Utility	Heber City	UT	7111	14	2.2		NG	IC
2024	3	9417	Interstate Power and Light Co	Electric Utility	Duane Arnold Solar I (50 MW)	IA	67140	PV1	50.0		SUN	PV
2024	3	62836	Navisun LLC	IPP	Acushnet MA 2 (CSG)	MA	64707	ACNT2	1.0		SUN	PV
2024	3	59254	NuGen Capital Management	IPP	Bristol Landfill Solar	RI	65142	BL1	5.0		SUN	PV
2024	3	34691	Ormat Nevada Inc	IPP	Steamboat Hills LP	NV	50654	SBSL2	3.6		SUN	PV
2024	3	61298	Pine Gate Renewables	IPP	Pleasant Hill PV1	NC	63787	PHILL	20.0		SUN	PV
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Boulevard Energy Storage	CA	66279	1	10.0		MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Clairemont Energy Storage	CA	66266	1	10.0		MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Elliott Energy Storage	CA	66278	1	10.0		MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Melrose BESS	CA	66281	1	10.0		MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Melrose BESS	CA	66281	2	10.0		MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Pala Gomez Creek BESS	CA	66280	1	10.0		MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Paradise Energy Storage	CA	66265	1	10.0		MWH	BA
2024	3	60531	Standard Solar	IPP	Hall Property	MD	67486	HALLP	2.0		SUN	PV
2024	4	64484		IPP	ASA DeKalb NY Solar III LLC	NY	65067	DEK3	3.3		SUN	PV
2024	4	65677		IPP	Augusta CSG, LLC	VA	67529	AUGUS	2.9		SUN	PV
2024	4	63784		IPP	Azure Sky Wind Project, LLC Hybrid	TX	64164	ASWBE	120.0		MWH	BA
2024	4	65211		IPP	Blackwater Solar	GA	66025	GA-02	80.0		SUN	PV
2024	4	65513		IPP	CA Jurupa Valley 3251 De Forest Circle	CA	66476	18268	4.5		SUN	PV
2024	4	65591		IPP	Cane Creek	MS	66543	PGRCC	78.5		SUN	PV
2024	4	64307		IPP	Castle Solar, LLC	UT	64740	CS	40.0		SUN	PV
2024	4	64904		IPP	Chevelon Butte Phase 2	AZ	67176	CHVB2	216.0		WND	WT
2024	4	64904		IPP	Delta Wind Farm (MS)	MS	66000	DLTA	184.5		WND	WT
2024	4	65660		IPP	ERock MID Claribel Generation Station	CA	67380	MID	48.0		NG	IC
2024	4	66331		IPP	Earp Solar, LLC	IL	66631	PV	35.0		SUN	PV
2024	4	64458		IPP	Enfield Solar One	CT	65047	VCP07	4.0		SUN	PV
2024	4	66147		IPP	FFP - NY Urbanski	NY	67281	5653	4.4		SUN	PV
2024	4	66148		IPP	FFP - NY Varano	NY	67282	5654	5.0		SUN	PV
2024	4	65076		IPP	Farmersville (TX)	TX	65812	FRMVL	9.9		MWH	BA
2024	4	66049		IPP	Foxhound	VA	67171	F2024	83.0		SUN	PV
2024	4	65226		IPP	Goodnight	TX	59246	GOOD1	265.5		WND	WT
2024	4	64516		IPP	Grinnell College	IA	65164	GRIN	3.9		SUN	PV
2024	4	65783		IPP	Hayhurst Texas Solar	TX	66880	HHTX	24.8		SUN	PV
2024	4	65344		IPP	Misenheimer Solar LLC	NC	66237	GEN01	74.4		SUN	PV
2024	4	63216		IPP	North Valley	NV	63491	NVSOL	5.5		SUN	PV
2024	4	65394		IPP	Proxima	CA	66270	PRXBS	162.0		MWH	BA
2024	4	64177		IPP	Ranchland Wind Project I	TX	64551	WT2	114.9		WND	WT
2024	4	64178		IPP	Ranchland Wind Project II	TX	64544	WT2	148.0		WND	WT
2024	4	64179		IPP	Ranchland Wind Storage	TX	64545	BA	73.0		MWH	BA
2024	4	65781		IPP	Sky Ranch Solar	NM	66814	SKYBA	50.0		MWH	BA
2024	4	65781		IPP	Sky Ranch Solar	NM	66814	SKYPV	190.0		SUN	PV
2024	4	63515		IPP	Sparta Solar	TX	63840	1111	250.0		SUN	PV
2024	4	65677		IPP	Suffolk CSG, LLC	VA	67531	SUFFO	3.8		SUN	PV
2024	4	65625		IPP	Sunlight Storage II	CA	66575	SUNS2	230.0		MWH	BA
2024	4	65677		IPP	Waynesboro Bridge Solar, LLC Community Solar	VA	67530	WAYNE	5.0		SUN	PV
2024	4	4254	Consumers Energy Co - (MI)	Electric Utility	Heartland Farms	MI	66192	65014	200.0		WND	WT
2024	4	61060	Cypress Creek Renewables	IPP	Zier Solar	TX	66137	11023	40.4		MWH	BA
2024	4	61060	Cypress Creek Renewables	IPP	Zier Solar	TX	66137	41195	160.0		SUN	PV
2024	4	62856	Forefront Power, LLC	IPP	CA-DGS-California Correctional Inst	CA	65105	15111	4.0		SUN	PV
2024	4	61194	Generate Capital	IPP	Barone	NY	67613	11034	3.0		SUN	PV
2024	4	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	4	1,114.0		NUC	ST
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Hecate Energy Albany 2 LLC	NY	66126	292	20.0		SUN	PV
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Oaks Landfill - ANEM	MD	67180	882	2.5		SUN	PV
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Oaks Landfill CS 1	MD	67508	883	2.0		SUN	PV

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

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
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Oaks Landfill CS 2	MD	67690	884	2.0		SUN	PV
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Smithfield 1	UT	66144	523	5.0		SUN	PV
2024	4	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 6	PA	65081	PACT6	20.0		SUN	PV
2024	4	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 8	PA	65082	PACT8	20.0		SUN	PV
2024	4	12303	Merck & Co Inc-West Point	Industrial	West Point (PA)	PA	52149	GEN19	1.0		NG	IC
2024	4	61227	Nautilus Solar Solutions	IPP	Lion One	MD	67392	SC	2.0		SUN	PV
2024	4	61227	Nautilus Solar Solutions	IPP	Parker Place	MD	67439	SC	2.0		SUN	PV
2024	4	61227	Nautilus Solar Solutions	IPP	Pivot Solar 10	CO	67446	SC	1.7		SUN	PV
2024	4	61227	Nautilus Solar Solutions	IPP	Pivot Solar 9	CO	67441	SC	1.7		SUN	PV
2024	4	61227	Nautilus Solar Solutions	IPP	Ten Oaks	MD	67334	SC	2.0		SUN	PV
2024	4	49896	Nevada Gold Energy, LLC	IPP	TS Power Plant	NV	56224	SOL1	100.0		SUN	PV
2024	4	17650	Southern Power Co	IPP	South Cheyenne Solar	WY	67147	SCHY	150.0		SUN	PV
2024	4	61862	Thomas Solar	IPP	Thomas Solar	SC	62352	81	2.0		SUN	PV
2024	5	64530		IPP	ASA Gouverneur NY Solar II LLC	NY	65158	GOV2	4.0		SUN	PV
2024	5	66050		IPP	Amazon SAN3 Solar Project	CA	67170	ASBA	2.4		MWH	BA
2024	5	66050		IPP	Amazon SAN3 Solar Project	CA	67170	ASSP	4.6		SUN	PV
2024	5	65271		IPP	Blue Elk II Solar, LLC	MI	66105	BEII	20.0		SUN	PV
2024	5	66268		IPP	Bourbonnais	IL	67569	PV1	1.7		SUN	PV
2024	5	65937		IPP	CPV Stagecoach Solar	GA	67021	SC1	80.0		SUN	PV
2024	5	66065		IPP	CTMW Solar, LLC	CA	67365	17180	1.3		SUN	PV
2024	5	66219		Electric Utility	Cavalry Solar Hybrid	IN	67489	CAVBS	45.0		MWH	BA
2024	5	66219		Electric Utility	Cavalry Solar Hybrid	IN	67489	CAVPV	200.0		SUN	PV
2024	5	65397		IPP	Condor Energy Storage LLC	CA	66285	COND1	200.0		MWH	BA
2024	5	65770		IPP	Copenhagen Solar	NY	66817	COPE	4.3		SUN	PV
2024	5	65315		IPP	Crooked Lake Solar, LLC	AR	66185	GEN1	175.0		SUN	PV
2024	5	65018		IPP	East Point Energy Center, LLC	NY	65805	EP01	50.0		SUN	PV
2024	5	64306		IPP	Elektron Solar, LLC	UT	64739	ELKS	80.0		SUN	PV
2024	5	65660		IPP	Enchanted Rock Turlock Irrigation District	CA	66680	UNIT1	11.7		NG	IC
2024	5	65660		IPP	Enchanted Rock Turlock Irrigation District	CA	66680	UNIT2	11.7		NG	IC
2024	5	65660		IPP	Enchanted Rock Turlock Irrigation District	CA	66680	UNIT3	11.7		NG	IC
2024	5	65660		IPP	Enchanted Rock Turlock Irrigation District	CA	66680	UNIT4	11.7		NG	IC
2024	5	66147		IPP	FFP - NY Urbanski	NY	67281	5653B	5.2		MWH	BA
2024	5	66148		IPP	FFP - NY Varano	NY	67282	5654B	5.0		MWH	BA
2024	5	65677		IPP	Fairfield Lee Solar, LLC Community Solar	VA	67532	FAIRF	5.0		SUN	PV
2024	5	66071		IPP	Franklin Solar Hybrid	ID	67190	FRKLN	100.0		SUN	PV
2024	5	64743		IPP	Fredonia Solar (KS)	KS	66570	FS1	2.0		SUN	PV
2024	5	63841		IPP	Hadley 3 Solar (North)	MA	64231	09170	1.0		MWH	BA
2024	5	64743		IPP	Highpeak Solar 1	TX	66572	HPKS1	10.0		SUN	PV
2024	5	63638		IPP	Horseshoe Solar, LLC	UT	63984	HSS	75.0		SUN	PV
2024	5	65006		IPP	Linkville Solar (CSG)	OR	65749	LS22	2.8		SUN	PV
2024	5	65793		IPP	NY Sorrell Hill II CSG	NY	66856	NGSH2	5.0		SUN	PV
2024	5	65796		IPP	North Fork Solar Project	OK	66866	NFORK	120.0		SUN	PV
2024	5	64582		IPP	OE_MS6	MS	65291	MS6_S	50.0		MWH	BA
2024	5	64582		IPP	OE_MS6	MS	65291	OEMS6	150.0		SUN	PV
2024	5	66353		IPP	Plote Somonauk	IL	67753	PV1	2.0		SUN	PV
2024	5	64904		IPP	Raceway Solar & Storage	CA	66773	RCWYB	80.0		MWH	BA
2024	5	64904		IPP	Raceway Solar & Storage	CA	66773	RCWYS	125.0		SUN	PV
2024	5	65418		IPP	Sierra Estrella Energy Storage	AZ	66334	BESS3	250.0		MWH	BA
2024	5	65173		IPP	Spring Prairie Solar LLC CSG	MN	66972	SPRPR	1.0		SUN	PV
2024	5	65123		IPP	Tres Bahias	TX	65947	TB	196.3		SUN	PV
2024	5	65173		IPP	USS Fruita Solar LLC CSG	CO	66432	USGBS	2.0		SUN	PV
2024	5	64966		IPP	Vikings Energy Farm	CA	65711	GEN2	150.0		MWH	BA
2024	5	66267		IPP	Whiskey Acres	IL	67720	PV1	2.0		SUN	PV
2024	5	65411		IPP	Wildflower Solar, LLC (MS)	MS	66369	WDFL	100.0		SUN	PV
2024	5	65968		IPP	Yellow Pine II	NV	67091	YP2AB	53.0		MWH	BA
2024	5	65968		IPP	Yellow Pine II	NV	67091	YP2AP	60.0		SUN	PV
2024	5	65968		IPP	Yellow Pine II	NV	67091	YP2BB	32.0		MWH	BA
2024	5	61012	AES Distributed Energy	IPP	AES Maui Kuihelani Solar Hybrid	HI	64256	KLNIB	60.0		MWH	BA
2024	5	61012	AES Distributed Energy	IPP	AES Maui Kuihelani Solar Hybrid	HI	64256	KULNI	60.0		SUN	PV
2024	5	61012	AES Distributed Energy	IPP	Platteview Solar LLC	NE	65334	PLTVW	81.0		SUN	PV
2024	5	61194	Generate Capital	IPP	Cedarville (IL)	IL	67554	11069	2.0		SUN	PV
2024	5	61194	Generate Capital	IPP	County Route 11B	NY	67631	10983	4.9		SUN	PV
2024	5	62153	Hecate Energy Highland LLC	IPP	Hecate Energy Highland LLC	OH	62670	HIGHL	300.0		SUN	PV
2024	5	9417	Interstate Power and Light Co	Electric Utility	Fareway Customer Hosted 1 MW Solar	IA	67096	PV1	1.0		SUN	PV
2024	5	9417	Interstate Power and Light Co	Electric Utility	ISU Customer Hosted 1MW Solar Project	IA	67098	PV1	1.4		SUN	PV

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

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
2024	5	56990	NJR Clean Energy Ventures Corporation	IPP	Love Lane Solar	NJ	65486	LOVLN	1.8		SUN	PV
2024	5	13407	Nevada Power Co	Electric Utility	Dry Lake Solar Energy Center	NV	63933	DLES1	100.0		MWH	BA
2024	5	13407	Nevada Power Co	Electric Utility	Dry Lake Solar Energy Center	NV	63933	DLPV1	150.0		SUN	PV
2024	5	16534	Sacramento Municipal Util Dist	Electric Utility	Solano Wind	CA	7526		85.5		WND	WT
2024	5	56826	Texas Medical Center Central	Commercial	TECO CHP-1	TX	57504	GTG2	50.0		NG	GT
2024	5	19499	United Power, Inc	Electric Utility	Keenesburg Battery Storage	CO	67306	KEEBA	11.8		MWH	BA
2024	5	19499	United Power, Inc	Electric Utility	Mead Battery Storage	CO	67303	MEABA	7.8		MWH	BA
2024	5	19499	United Power, Inc	Electric Utility	Parkway Battery Storage	CO	67301	PKWBA	7.8		MWH	BA
2024	5	19499	United Power, Inc	Electric Utility	Rattlesnake Ridge Battery Storage	CO	67300	RATBA	11.8		MWH	BA
2024	5	20856	Wisconsin Power & Light Co	Electric Utility	Grant County	WI	65007	PV1	200.0		SUN	PV
2024	6	65956		IPP	15 Glen Harris RD	ME	67032	20261	3.6		SUN	PV
2024	6	64529		IPP	ASA Gouverneur NY Solar I LLC	NY	65157	GOV1	1.5		SUN	PV
2024	6	66110		IPP	Anemoi Energy Storage	TX	67236	ANEM1	200.0		MWH	BA
2024	6	64904		IPP	Cannonball Solar (CSG)	MD	66867	CBALL	2.0		SUN	PV
2024	6	64904		IPP	Cavalier Solar	VA	67420	CAVPV	155.6		SUN	PV
2024	6	66111		IPP	Ebony Energy Storage	TX	67237	EBON1	200.0		MWH	BA
2024	6	65368		IPP	Eleven Mile Solar Center	AZ	66263	1111	300.0		SUN	PV
2024	6	65368		IPP	Eleven Mile Solar Center	AZ	66263	2222	300.0		MWH	BA
2024	6	65218		IPP	Glover Creek Solar, LLC	KY	66047	GLOVE	55.0		SUN	PV
2024	6	63837		IPP	Hecate Energy Frye Solar LLC	TX	64233	80995	500.0		SUN	PV
2024	6	65953		IPP	Heimlich Solar	DE	67074	METER	4.3		SUN	PV
2024	6	64925		IPP	MA-Dighton-A	MA	65646	MADIG	3.8		SUN	PV
2024	6	65076		IPP	Mainland	TX	67494	MLNDB	9.9		MWH	BA
2024	6	65550		IPP	Menifee Power Bank	CA	66494	NOVA1	230.0		MWH	BA
2024	6	66119		IPP	Mesa Wind Repower	CA	67247	MESA	30.0		WND	WT
2024	6	66290		IPP	NSF Aurelius Site 1 LLC	NY	67592	PV1	5.0		SUN	PV
2024	6	66290		IPP	NSF Aurelius Site 2, LLC	NY	67593	PV1	5.0		SUN	PV
2024	6	66290		IPP	NSF Aurelius Site 3 LLC	NY	67594	PV1	5.0		SUN	PV
2024	6	66290		IPP	NSF Aurelius Site 4 LLC	NY	67595	PV1	4.9		SUN	PV
2024	6	66282		IPP	Ny Frankfort Bleecker St - Frankfort -NG	NY	67585	21015	4.0		SUN	PV
2024	6	65816		IPP	OE_ESCL	NM	66888	OESCL	200.0		SUN	PV
2024	6	65965		IPP	Paulsell	CA	67092	PSLBA	15.0		MWH	BA
2024	6	65965		IPP	Paulsell	CA	67092	PSLPV	20.0		SUN	PV
2024	6	65394		IPP	Proxima	CA	66270	PRXMA	190.0		SUN	PV
2024	6	66212		IPP	RA Jones Roof Mounted Solar System	KY	67473	RAJPV	1.3		SUN	PV
2024	6	65951		IPP	Randolf Solar	VA	67028	METER	2.6		SUN	PV
2024	6	63082		IPP	Remy Jade Power Station	TX	66604	CTG-1	44.5		NG	GT
2024	6	63082		IPP	Remy Jade Power Station	TX	66604	CTG-2	44.5		NG	GT
2024	6	63082		IPP	Remy Jade Power Station	TX	66604	CTG-3	44.5		NG	GT
2024	6	63082		IPP	Remy Jade Power Station	TX	66604	CTG-4	44.5		NG	GT
2024	6	63082		IPP	Remy Jade Power Station	TX	66604	CTG-5	44.5		NG	GT
2024	6	63082		IPP	Remy Jade Power Station	TX	66604	CTG-6	44.5		NG	GT
2024	6	64698		Industrial	River Ranch Dairy	CA	67603	18821	4.0		SUN	PV
2024	6	65380		IPP	Steel Solar LLC	UT	66267	SS8	80.0		SUN	PV
2024	6	66151		IPP	Sun Streams 3	AZ	67285	GEN01	215.0		SUN	PV
2024	6	66151		IPP	Sun Streams 3	AZ	67285	GEN02	215.0		MWH	BA
2024	6	65209		IPP	TPE RI WA1 Solar	RI	66045	70825	3.5		SUN	PV
2024	6	65208		IPP	TPE RI WA2 Solar	RI	66044	70824	3.4		SUN	PV
2024	6	65076		IPP	Weil Tract BESS	TX	66783	WEILT	9.9		MWH	BA
2024	6	64698		Industrial	Zonneveld Oak Grove	CA	67602	17444	1.5		SUN	PV
2024	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Mifflinburg PA BTM	PA	66452	PB1	2.7		DFO	IC
2024	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Mifflinburg PA BTM	PA	66452	PB2	2.7		DFO	IC
2024	6	796	Arizona Electric Pwr Coop Inc	Electric Utility	Apache Solar 1	AZ	60964	AEPB1	10.0		MWH	BA
2024	6	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	7	3.0		DFO	IC
2024	6	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	8	3.0		DFO	IC
2024	6	20141	City of Washington - (KS)	Electric Utility	Washington	KS	1329	10	2.0		NG	IC
2024	6	20141	City of Washington - (KS)	Electric Utility	Washington	KS	1329	9	2.0		NG	IC
2024	6	6455	Duke Energy Florida, LLC	Electric Utility	Falmouth Renewable Energy Center	FL	66639	PV1	74.9		SUN	PV
2024	6	3046	Duke Energy Progress - (NC)	Electric Utility	Woodfin Solar	NC	64882	PV1	5.0		SUN	PV
2024	6	61785	EDP Renewables North America LLC	IPP	Scarlet Solar (CA)	CA	64908	GEN01	200.0		SUN	PV
2024	6	61785	EDP Renewables North America LLC	IPP	Scarlet Solar (CA)	CA	64908	GEN02	40.0		MWH	BA
2024	6	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 1	PA	65076	PACT1	20.0		SUN	PV
2024	6	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Honeysuckle Solar Farm	IN	65936	INHS1	150.0		SUN	PV
2024	6	62759	National Grid Renewables	IPP	Wild Springs	SD	67018	WLDSP	128.0		SUN	PV
2024	6	61227	Nautilus Solar Solutions	IPP	Peterboro (CSG)	NY	67440	SC	4.0		SUN	PV

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

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
2024	6	60531	Standard Solar	IPP	CUA West Campus - North (CSG)	DC	67709	CUAWN	3.0		SUN	PV
2024	6	60531	Standard Solar	IPP	CUA West Campus - South (CSG)	DC	67707	CUAWS	2.8		SUN	PV
2024	6	60531	Standard Solar	IPP	EDF Saucon Valley	DC	67708	EDFSV	2.6		SUN	PV
2024	6	19499	United Power, Inc	Electric Utility	Bromley Battery Storage	CO	67305	BROBA	11.8		MWH	BA

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this table.
 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, 2024

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
2024	1	3477	City of Chicopee - (MA)	Electric Utility	Chicopee Hydroelectric Station	MA	50832	1	1.2		WAT	HY
2024	1	3477	City of Chicopee - (MA)	Electric Utility	Chicopee Hydroelectric Station	MA	50832	2	1.2		WAT	HY
2024	1	57033	City of Palo Alto	Electric Utility	City of Palo Alto	CA	57714	GEN1	1.1		NG	IC
2024	1	57033	City of Palo Alto	Electric Utility	City of Palo Alto	CA	57714	GEN2	1.1		NG	IC
2024	1	57033	City of Palo Alto	Electric Utility	City of Palo Alto	CA	57714	GEN3	1.1		NG	IC
2024	1	57033	City of Palo Alto	Electric Utility	City of Palo Alto	CA	57714	GEN4	1.1		NG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E1	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E10	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E11	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E12	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E13	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E14	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E15	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E16	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E17	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E18	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E19	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E2	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E20	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E21	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E22	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E23	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E24	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E25	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E26	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E27	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E28	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E29	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E3	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E30	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E4	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E5	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E6	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E7	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E8	0.3		LFG	IC
2024	1	59452	Ingenco Renewable Development, LLC	IPP	Wake County LFG Facility	NC	59688	E9	0.3		LFG	IC
2024	1	58183	J.R. Simplot Company	Industrial	J.R. Simplot Company	CA	58216	1	3.2		WH	ST
2024	1	14354	PacifiCorp	Electric Utility	Copco 1	CA	294	1	14.0		WAT	HY
2024	1	14354	PacifiCorp	Electric Utility	Copco 1	CA	294	2	14.0		WAT	HY
2024	1	14354	PacifiCorp	Electric Utility	Iron Gate	CA	297	1	18.8		WAT	HY
2024	1	14354	PacifiCorp	Electric Utility	John C Boyle	OR	3028	1	50.4		WAT	HY
2024	1	14354	PacifiCorp	Electric Utility	John C Boyle	OR	3028	2	47.6		WAT	HY
2024	1	21554	Seminole Electric Cooperative Inc	Electric Utility	Seminole (FL)	FL	136	1	626.0		BIT	ST
2024	1	2144	Town of Braintree - (MA)	Electric Utility	Potter Station 2	MA	1660	CC2	62.6		NG	CT
2024	1	2144	Town of Braintree - (MA)	Electric Utility	Potter Station 2	MA	1660	CC3	15.5		NG	CA
2024	3	13143	Board of Water Electric & Communications	Electric Utility	Muscatine Plant #1	IA	1167	8A	14.5		SUB	ST
2024	3	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	7	0.6		DFO	IC
2024	3	17828	City of Springfield - (IL)	Electric Utility	Dallman	IL	963	3	159.0		BIT	ST
2024	3	6035	Constellation Power, Inc	IPP	Southeast Chicago Energy Project	IL	55281	GT05	37.0		NG	GT
2024	3	6035	Constellation Power, Inc	IPP	Southeast Chicago Energy Project	IL	55281	GT06	37.0		NG	GT
2024	3	6035	Constellation Power, Inc	IPP	Southeast Chicago Energy Project	IL	55281	GT07	37.0		NG	GT
2024	3	6035	Constellation Power, Inc	IPP	Southeast Chicago Energy Project	IL	55281	GT08	37.0		NG	GT
2024	3	6035	Constellation Power, Inc	IPP	Southeast Chicago Energy Project	IL	55281	GT09	37.0		NG	GT
2024	3	6035	Constellation Power, Inc	IPP	Southeast Chicago Energy Project	IL	55281	GT10	37.0		NG	GT
2024	3	6035	Constellation Power, Inc	IPP	Southeast Chicago Energy Project	IL	55281	GT11	37.0		NG	GT
2024	3	6035	Constellation Power, Inc	IPP	Southeast Chicago Energy Project	IL	55281	GT12	37.0		NG	GT
2024	3	11241	Entergy Louisiana LLC	Electric Utility	Waterford 1 & 2	LA	8056	1	409.5		NG	ST
2024	3	57281	University of Cincinnati	Commercial	East Campus Utility Plant	OH	57929	STG	1.2		NG	ST
2024	4	3249	Central Hudson Gas & Elec Corp	Electric Utility	South Cairo	NY	2485	GT1	0.0		KER	GT
2024	4	59774	Crawfordsville Energy LLC	IPP	Crawfordsville Power Plant	IN	1024	D1	0.9		DFO	IC
2024	4	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN1	57.0		NG	CA
2024	4	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN5	52.0		NG	CT
2024	4	58615	NRG Homer City Services LLC	IPP	Homer City Generating Station	PA	3122	1	626.1		BIT	ST
2024	4	16899	SERRF Joint Powers Authority	Electric CHP	Southeast Resource Recovery	CA	50837	GEN1	28.0		MSW	ST
2024	4	17609	Southern California Edison Co	Electric Utility	DESI-1 Battery Energy Storage Facility	CA	60699	DESI1	2.4		MWH	BA

Table 6.4. Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2024

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
2024	5	221	Alaska Village Elec Coop, Inc	Electric Utility	Bethel	AK	6566	6	2.1		DFO	IC
2024	5	7443	City of Graettinger - (IA)	Electric Utility	Graettinger	IA	1142	4	0.5		DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	1	0.9		DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	2	0.6		DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	4	1.2		DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	5	1.3		DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	6	1.2		DFO	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	1	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	10	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	11	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	12	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	13	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	14	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	15	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	16	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	17	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	18	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	19	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	2	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	20	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	21	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	22	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	23	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	24	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	25	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	26	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	27	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	28	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	29	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	3	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	30	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	31	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	32	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	33	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	34	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	35	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	36	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	4	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	5	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	6	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	7	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	8	0.3		LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	9	0.3		LFG	IC
2024	5	29297	Pelican Utility	Electric Utility	Pelican	AK	6702	IC8	0.2		DFO	IC
2024	5	17697	Southwestern Electric Coop Inc - (IL)	Electric Utility	Freedom Power Project	IL	7842	CT1	0.0		NG	GT
2024	5	20847	Wisconsin Electric Power Co	Electric Utility	South Oak Creek	WI	4041	5	242.2		RC	ST
2024	5	20847	Wisconsin Electric Power Co	Electric Utility	South Oak Creek	WI	4041	6	253.8		RC	ST
2024	6	35	AES WR Ltd Partnership	Electric CHP	AES Warrior Run Cogeneration Facility	MD	10678	GEN1	180.0		BIT	ST
2024	6	56606	Calpine New Jersey Generation LLC	IPP	Carlls Corner	NJ	2379	CA1	37.6		NG	GT
2024	6	56606	Calpine New Jersey Generation LLC	IPP	Carlls Corner	NJ	2379	CA2	39.2		NG	GT
2024	6	56606	Calpine New Jersey Generation LLC	IPP	Mickleton Station	NJ	8008	MICK	63.7		NG	GT
2024	6	3265	Cleco Power LLC	Electric Utility	Teche	LA	1400	3	250.0		NG	ST
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	GT81	228.8		NG	CT
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	GT82	230.0		NG	CT
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	GT93	229.9		NG	CT
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	GT94	229.6		NG	CT
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	ST85	244.6		NG	CA
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	ST96	250.7		NG	CA
2024	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	4	2.4		DFO	IC
2024	6	12653	Lanyard Power Holdings, LLC	IPP	Morgantown Generating Plant	MD	1573	5	54.0		DFO	GT
2024	6	12653	Lanyard Power Holdings, LLC	IPP	Morgantown Generating Plant	MD	1573	6	54.0		DFO	GT

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this table.
 Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.
 Descriptions for the Energy Source Codes and the Prime Mover Codes listed in the table can be found in the Technical Notes.

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2024	7	63830		IPP	7V Solar Ranch	TX	64239	7V1	240.0		SUN	PV	(V) Under construction, more than 50 percent complete	240.0
2024	7	63235		IPP	AM Wind Repower LLC	CA	66167	63235	27.0		WND	WT	(V) Under construction, more than 50 percent complete	27.0
2024	7	65600		IPP	AP Sunray LLC	TX	64258	OCISR	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	7	64532		IPP	ASA Clayton NY Solar I LLC	NY	65161	CLA1	1.3		SUN	PV	(V) Under construction, more than 50 percent complete	1.3
2024	7	64446		IPP	ASD Cotuit MA Solar LLC	MA	65014	COT1B	2.5		MWH	BA	(V) Under construction, more than 50 percent complete	2.5
2024	7	66196		IPP	Alexander Road Solar	NY	67409	ALEX	1.6		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.6
2024	7	66331		IPP	Altona Solar, LLC	MO	66628	PV	30.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	30.0
2024	7	65928		IPP	Atrisco Solar LLC	NM	67003	ATRPV	300.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	300.0
2024	7	65775		IPP	Avenue 26 Solar	CA	66809	A26P1	2.6		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.6
2024	7	65775		IPP	Avenue 26 Solar	CA	66809	A26P2	5.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2024	7	64743		IPP	BKV Ponder Solar 1	TX	66571	BKVP1	2.5		SUN	PV	(V) Under construction, more than 50 percent complete	2.5
2024	7	65280		IPP	Babbitt Ranch Energy Center	AZ	66110	BREC1	163.0		WND	WT	(U) Under construction, less than or equal to 50 percent complete	163.0
2024	7	64904		IPP	Baldy Mesa 2_Silver Peak Hybrid	CA	66885	SPKBS	25.0		MWH	BA	(V) Under construction, more than 50 percent complete	25.0
2024	7	64904		IPP	Baldy Mesa 2_Silver Peak Hybrid	CA	66885	SPKPV	50.0		SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2024	7	65674		IPP	Bear Canyon	CA	66650	BC1	13.0		MWH	BA	(V) Under construction, more than 50 percent complete	13.0
2024	7	66054		IPP	Bear Creek Solar (CA)	CA	67169	EBMUD	5.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2024	7	64904		IPP	Big Spring Solar	MD	66868	BIGSP	2.1		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	7	65765		IPP	Borden County BESS	TX	66804	1	150.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	150.0
2024	7	66145		IPP	Borrego - Highland Ave	MA	67279	6572	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	7	66145		IPP	Borrego - Highland Ave	MA	67279	6572B	5.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	7	65754		IPP	Bottleneck Energy Storage	CA	66757	BN1	80.0		MWH	BA	(V) Under construction, more than 50 percent complete	80.0
2024	7	65696		IPP	Brazos Bend BESS, LLC	TX	66690	BEND	100.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	100.0
2024	7	65514		IPP	CA Manteca 730 Spreckels Ave	CA	66509	18259	1.5		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2024	7	65514		IPP	CA Manteca 730 Spreckels Ave	CA	66509	B8259	1.5		MWH	BA	(TS) Construction complete, but not yet in commercial operation	1.5
2024	7	65643		IPP	Cald BESS	CA	66617	1	100.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	100.0
2024	7	66335		IPP	Capon Bridge Solar LLC	WV	67694	CP501	20.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2024	7	65308		IPP	Cattlemen Solar Park	TX	66168	GEN01	240.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	240.0
2024	7	66194		IPP	Clemons Road Solar	NY	67407	CLEM	2.8		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.8
2024	7	66285		IPP	DSI Don Solar	MN	67588	DSID	1.0		SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	7	64994		IPP	Elk Solar LLC	NC	66345	PV1	5.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2024	7	64872		IPP	FFP - NY Burch	NY	66827	P5651	2.5		SUN	PV	(V) Under construction, more than 50 percent complete	2.5
2024	7	65502		IPP	Five Wells Solar Center - Hybrid	TX	66420	FWBAT	259.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	262.5
2024	7	65827		IPP	Fork in the Road Solar	NY	66909	FIR	1.4		SUN	PV	(V) Under construction, more than 50 percent complete	1.4
2024	7	65720		IPP	Fresno Community Solar	CA	66715	FREPV	10.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	10.0
2024	7	65087		IPP	Gallaudet Uni Community Solar	DC	65896	GUCS1	2.6		SUN	PV	(V) Under construction, more than 50 percent complete	2.6
2024	7	66003		IPP	Gooseberry Solar, LLC	IL	67106	GEN1	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	7	66067		IPP	Groton BESS 1	MA	67185	90911	2.0		MWH	BA	(V) Under construction, more than 50 percent complete	2.0
2024	7	66033		IPP	Groton BESS 2	MA	67162	90910	2.0		MWH	BA	(V) Under construction, more than 50 percent complete	2.0
2024	7	65650		IPP	Harvest Gold Solar	MS	66623	HGS	99.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	99.0
2024	7	65785		IPP	ME Novel Lighthouse - Penobscot	ME	66961	PENOB	3.0		SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	7	65173		IPP	MN East Regal LLC	MN	66973	MNERL	1.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2024	7	65550		IPP	Menifee Power Bank	CA	66494	NOVA2	230.0		MWH	BA	(V) Under construction, more than 50 percent complete	230.0
2024	7	65960		IPP	NY Avon I CSG	NY	67045	AVON1	5.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2024	7	65955		IPP	NY Hermon 1040 County Rd 21	NY	67031	20144	2.2		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.2
2024	7	66003		IPP	North Cottage Grove Solar 1, LLC	IL	67115	GEN1	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	7	66029		IPP	Novel Froehle Solar LLC	MN	64728	FROLE	1.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2024	7	66030		IPP	Novel Milbradt Solar LLC	MN	64729	MLBRT	1.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2024	7	66195		IPP	Pike Road Solar (NY)	NY	67408	PIKE	3.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.0
2024	7	65935		IPP	Preston Garden	MN	67009	PRSTN	1.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2024	7	63082		IPP	Remy Jade Power Station	TX	66604	CTG-7	44.5		NG	GT	(V) Under construction, more than 50 percent complete	60.5
2024	7	63082		IPP	Remy Jade Power Station	TX	66604	CTG-8	44.5		NG	GT	(V) Under construction, more than 50 percent complete	60.5
2024	7	65826		IPP	Roadrunner Wind Farm	TX	66902	5317	256.0		WND	WT	(TS) Construction complete, but not yet in commercial operation	256.0
2024	7	64673		IPP	Ross County Solar, LLC	OH	65343	ROSS	120.0		SUN	PV	(V) Under construction, more than 50 percent complete	120.0
2024	7	65361		IPP	Rowland Solar II	TX	66262	SAREN	200.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	202.8
2024	7	66003		IPP	SSC Oswego II LLC	NY	67113	GEN1	4.8		SUN	PV	(V) Under construction, more than 50 percent complete	4.8
2024	7	66284		IPP	SV CSG AFTON I	MN	67587	SVA	1.0		SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	7	64740		IPP	Santa Paula Energy Storage LLC	CA	65397	SP1	30.0		MWH	BA	(V) Under construction, more than 50 percent complete	30.0
2024	7	65112		Commercial	Shasta College PH2 Solar Project	CA	65940	SCSP1	1.3		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2024	7	65112		Commercial	Shasta College PH2 Solar Project	CA	65940	SCSPB	0.5		MWH	BA	(TS) Construction complete, but not yet in commercial operation	0.5
2024	7	65954		IPP	Small Mouth Bass Solar	VA	67072	METER	2.4		SUN	PV	(V) Under construction, more than 50 percent complete	2.5
2024	7	66027		IPP	South Fork Wind	NY	65561	SFWND	130.0		WND	WS	(TS) Construction complete, but not yet in commercial operation	130.0
2024	7	65419		IPP	Superstition Energy Storage	AZ	66333	BESS4	90.0		MWH	BA	(V) Under construction, more than 50 percent complete	90.0
2024	7	66218		IPP	TAI Huntsville Solar Hybrid	AL	67488	PV1	30.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	30.0
2024	7	65564		IPP	TX Dallas 7750 Dynasty Drive	TX	66516	19500	2.3		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.3
2024	7	65565		IPP	TX Houston 7080 Express Lane	TX	66517	19344	1.9		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.9
2024	7	65863		IPP	Three Corners Solar	ME	66955	18099	110.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	110.0
2024	7	64348		IPP	Three Rivers Solar LLC	MA	64844	TRB	1.4		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	1.4
2024	7	64348		IPP	Three Rivers Solar LLC	MA	64844	TRS	4.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	7	66003		IPP	Torrence Ave Solar 1 LLC	IL	67114	GEN1	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	7	65685		IPP	Tumbleweed Energy Storage	CA	66666	TWES1	50.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	50.0
2024	7	66368		IPP	Valley Sun Solar	ME	67771	PV1	3.1		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.1
2024	7	64966		IPP	Vikings Energy Farm	CA	65711	GEN1	136.8		SUN	PV	(V) Under construction, more than 50 percent complete	136.8
2024	7	66229		Electric Utility	Walnut Bend Solar Station PV	AR	67504	WN1	100.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	100.0
2024	7	65675		IPP	West Ford Flat	CA	66669	WFF1	25.0		MWH	BA	(V) Under construction, more than 50 percent complete	25.0
2024	7	66208		IPP	West Point RNG	ID	67436	WPRG	3.2		OBG	IC	(TS) Construction complete, but not yet in commercial operation	3.2
2024	7	65667		IPP	West Shore Solar LLC	NY	66761	WS	2.4		SUN	PV	(V) Under construction, more than 50 percent complete	2.4
2024	7	65555		IPP	West Tambo Clean Power II	CA	66506	WEST2	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	7	65968		IPP	Yellow Pine II	NV	67091	YP2BP	65.0		SUN	PV	(V) Under construction, more than 50 percent complete	65.0
2024	7	57416	Acciona Energy USA Global, LLC	IPP	AEG Union Solar, LLC	OH	64660	AUS	325.0		SUN	PV	(V) Under construction, more than 50 percent complete	325.0
2024	7	57416	Acciona Energy USA Global, LLC	IPP	Red Tailed Hawk Solar LLC	TX	66157	GEN1	350.0		SUN	PV	(V) Under construction, more than 50 percent complete	350.0
2024	7	221	Alaska Village Elec Coop, Inc	Electric Utility	Bethel	AK	6566	7A	0.3		DFO	IC	(TS) Construction complete, but not yet in commercial operation	0.3
2024	7	17845	City of Springville - (UT)	Electric Utility	Whitehead	UT	7028	K3CAT	2.5		NG	IC	(V) Under construction, more than 50 percent complete	2.5
2024	7	17845	City of Springville - (UT)	Electric Utility	Whitehead	UT	7028	K4CAT	2.5		NG	IC	(V) Under construction, more than 50 percent complete	2.5
2024	7	17845	City of Springville - (UT)	Electric Utility	Whitehead	UT	7028	K5CAT	2.5		NG	IC	(V) Under construction, more than 50 percent complete	2.5

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2024	7	61060	Cypress Creek Renewables	IPP	Buck Run	NY	67634	BUCKR	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	7	58970	Ecoplexus, Inc	IPP	Camp San Luis Obispo	CA	63870	CPSLO	1.2		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.2
2024	7	56201	Engie North America	IPP	Cascade Energy Storage, LLC	CA	61801	10002	25.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	25.0
2024	7	56201	Engie North America	IPP	Crockett	TX	65488	CROKT	9.9		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	9.9
2024	7	56201	Engie North America	IPP	Dickens	TX	65489	DIKNS	200.0		MWH	BA	(V) Under construction, more than 50 percent complete	200.0
2024	7	56201	Engie North America	IPP	Hydra	TX	65490	HYDRA	200.0		MWH	BA	(V) Under construction, more than 50 percent complete	200.0
2024	7	56201	Engie North America	IPP	Octans	TX	65590	OCTNS	125.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	125.0
2024	7	56201	Engie North America	IPP	Paleo	TX	65491	PALEO	200.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	7	56201	Engie North America	IPP	Pavo	TX	65492	PAVO	175.0		MWH	BA	(V) Under construction, more than 50 percent complete	175.0
2024	7	56201	Engie North America	IPP	Sierra Energy Storage, LLC	CA	61803	10003	10.0		MWH	BA	(V) Under construction, more than 50 percent complete	10.0
2024	7	56201	Engie North America	IPP	Tortolas	TX	65493	TORTO	50.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	50.0
2024	7	60025	Greenbacker Renewable Energy Corporation	IPP	Holtville	CA	67695	823	30.0		MWH	BA	(V) Under construction, more than 50 percent complete	30.0
2024	7	60025	Greenbacker Renewable Energy Corporation	IPP	Ledgeview	WI	67056	708	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	7	60025	Greenbacker Renewable Energy Corporation	IPP	Mahany	NY	66750	782	3.0		SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	7	9191	Idaho Power Co	Electric Utility	Black Mesa BESS	ID	66326	1	40.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	40.0
2024	7	9191	Idaho Power Co	Electric Utility	Elmore BESS	ID	66327	1	4.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	7	9191	Idaho Power Co	Electric Utility	Filer BESS	ID	66328	1	2.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	7	9191	Idaho Power Co	Electric Utility	Franklin Battery Storage	ID	67183	FRBS	60.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	60.0
2024	7	9191	Idaho Power Co	Electric Utility	Hemmingway BESS	ID	66325	1	80.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	80.0
2024	7	9191	Idaho Power Co	Electric Utility	Melba BESS	ID	66329	1	2.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	7	9191	Idaho Power Co	Electric Utility	Weiser BESS	ID	66330	1	3.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	3.0
2024	7	9417	Interstate Power and Light Co	Electric Utility	Hy-Vee Customer Hosted 2.25MW Solar	IA	67097	PV1	2.3		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.3
2024	7	9417	Interstate Power and Light Co	Electric Utility	Perry Customer Hosted 1MW Solar Project	IA	67099	PV1	1.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2024	7	50123	Leeward Asset Management, LLC	IPP	White Wing Solar	AZ	60572	GEN01	175.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	175.0
2024	7	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 4	PA	65079	PACTA	20.0		SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2024	7	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Oxbow Solar 1	LA	65030	LAVE1	300.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	300.0
2024	7	61944	MN8 Energy LLC	IPP	Dynamic - Enfield Hammett Road	ME	67016	GEN1	4.9		SUN	PV	(V) Under construction, more than 50 percent complete	4.9
2024	7	11806	Massachusetts Mun Wholes Electric Co	Electric Utility	MMWEC Simple Cycle Gas Turbine	MA	63559	GT1	57.0		NG	GT	(TS) Construction complete, but not yet in commercial operation	65.0
2024	7	12199	Montana-Dakota Utilities Co	Electric Utility	R M Heskett	ND	2790	4	88.4		NG	GT	(TS) Construction complete, but not yet in commercial operation	88.4
2024	7	62759	National Grid Renewables	IPP	Copperhead Solar, LLC	TX	67019	CHSLR	150.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	150.0
2024	7	62759	National Grid Renewables	IPP	Copperhead Solar, LLC	TX	67019	CHSTG	100.0		MWH	BA	(V) Under construction, more than 50 percent complete	100.0
2024	7	61227	Nautilus Solar Solutions	IPP	Beech Road	MD	67405	SC	3.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2024	7	61227	Nautilus Solar Solutions	IPP	Comfort	NY	67406	SC	4.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	7	13407	Nevada Power Co	Electric Utility	Silverhawk	NV	55841	CT3	222.6		NG	GT	(V) Under construction, more than 50 percent complete	210.1
2024	7	13407	Nevada Power Co	Electric Utility	Silverhawk	NV	55841	CT4	222.6		NG	GT	(TS) Construction complete, but not yet in commercial operation	210.1
2024	7	59967	Phoenix Energy	IPP	North Fork Community Power	CA	60192	NFCP1	1.3		OBG	IC	(V) Under construction, more than 50 percent complete	1.7
2024	7	59967	Phoenix Energy	IPP	North Fork Community Power	CA	60192	NFCP2	1.3		OBG	IC	(V) Under construction, more than 50 percent complete	1.7
2024	7	56215	RWE Renewables Americas, LLC	IPP	Willowbrook Solar I, LLC	OH	63877	WBS	150.0		SUN	PV	(V) Under construction, more than 50 percent complete	150.0
2024	7	60217	San Bernardino Valley Mun. Water Dist.	Electric Utility	Waterman Turnout Hydroelectric	CA	60466	WTHF	1.0		WAT	HY	(V) Under construction, more than 50 percent complete	1.0
2024	7	60520	SoCore Energy LLC	IPP	French Road Solar	ME	67802	PV1	2.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.5
2024	7	60520	SoCore Energy LLC	IPP	Madawaska Solar	ME	67807	PV1	4.0		SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2024	7	60520	SoCore Energy LLC	IPP	Unity Solar Project (IL)	IL	67822	PV1	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	7	17609	Southern California Edison Co	Electric Utility	Cadillac Battery Energy Storage Facility	CA	63326	CAD1	3.5		MWH	BA	(V) Under construction, more than 50 percent complete	3.5
2024	7	17609	Southern California Edison Co	Electric Utility	Yorktown Battery Energy Storage Facility	CA	63325	YORK1	3.0		MWH	BA	(V) Under construction, more than 50 percent complete	3.0
2024	7	60531	Standard Solar	IPP	Woodville Solar	RI	64530	1	4.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.5
2024	7	61950	Terra-Gen Operating Co-Solar	IPP	Lockhart ESS, LLC	CA	66946	LHESS	45.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	45.0
2024	7	57313	Tesla Inc.	Industrial	Austin TX GigaFactory	TX	65070	B05	1.2		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2024	7	57313	Tesla Inc.	Industrial	Austin TX GigaFactory	TX	65070	B07	1.1		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.1
2024	7	57313	Tesla Inc.	Industrial	Austin TX GigaFactory	TX	65070	C01	1.2		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2024	7	57313	Tesla Inc.	Industrial	Tesla Reno GigaFactory	NV	64098	3	1.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2024	7	59598	Tooele Army Depot	IPP	Tooele Army Depot(CSG)	UT	59817	PV2	1.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2024	7	19499	United Power, Inc	Electric Utility	Davis Battery Storage	CO	67304	DAVBA	11.8		MWH	BA	(TS) Construction complete, but not yet in commercial operation	11.8
2024	7	19499	United Power, Inc	Electric Utility	Platte Valley Battery Storage	CO	67307	PLVBA	7.8		MWH	BA	(TS) Construction complete, but not yet in commercial operation	7.8
2024	8	65646		IPP	AFTW Storage, LLC	CA	66619	AFTW	1.2		MWH	BA	(V) Under construction, more than 50 percent complete	1.2
2024	8	66338		IPP	Al Pastor Battery Storage Plant	TX	67721	ALPTR	100.8		MWH	BA	(TS) Construction complete, but not yet in commercial operation	100.8
2024	8	65700		IPP	Atrisco Energy Storage	NM	66694	ATRES	300.0		SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2024	8	63081		IPP	Bearkat II Wind Energy LLC	TX	63342	BKII	162.1		WND	WT	(TS) Construction complete, but not yet in commercial operation	162.1
2024	8	65552		IPP	Beaumont BESS	CA	66461	GEN1	100.0		MWH	BA	(V) Under construction, more than 50 percent complete	116.6
2024	8	66144		IPP	Bishop Ranch - BR 2600	CA	67278	4146B	1.1		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	1.1
2024	8	66144		IPP	Bishop Ranch - BR 2600	CA	67278	4146C	0.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	0.5
2024	8	66144		IPP	Bishop Ranch - BR 2600	CA	67278	4147R	1.2		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2024	8	64266		IPP	Blue Jay Solar I, LLC	TX	64672	BLUJS	210.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	210.0
2024	8	65694		IPP	Bright Arrow Solar, LLC	TX	66688	BASS	300.0		SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2024	8	65076		IPP	CISCO BESS	TX	66795	CISCO	9.9		MWH	BA	(V) Under construction, more than 50 percent complete	9.9
2024	8	65428		IPP	Callisto I Energy Center	TX	66338	CALL1	100.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	101.6
2024	8	65780		IPP	Clearwater Wind III	MT	66811	CW3	100.0		WND	WT	(V) Under construction, more than 50 percent complete	100.0
2024	8	65832		IPP	Cottonwood Bayou Solar	TX	66915	CTW	350.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	350.0
2024	8	64516		IPP	DC Water	DC	67583	DCWAT	1.3		SUN	PV	(V) Under construction, more than 50 percent complete	1.3
2024	8	65831		IPP	Danish Fields Solar, LLC	TX	66914	DAN	600.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	600.0
2024	8	65833		IPP	Danish Fields Storage	TX	66916	DANST	150.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	150.0
2024	8	65011		IPP	El Sauz Ranch Wind, LLC	TX	65760	ELSAU	301.0		WND	WT	(V) Under construction, more than 50 percent complete	301.0
2024	8	65281		IPP	Elizabeth Solar Plant	LA	66111	US199	125.0		SUN	PV	(V) Under construction, more than 50 percent complete	142.8
2024	8	65660		IPP	Enchanted Rock Lodi	CA	66638	LODI	48.0		NG	IC	(V) Under construction, more than 50 percent complete	48.0
2024	8	65641		Industrial	Eunice LA Plant	LA	66615	STG01	4.6		NG	ST	(V) Under construction, more than 50 percent complete	4.7
2024	8	65076		IPP	Falfurrias BESS	TX	66792	FALFU	9.9		MWH	BA	(V) Under construction, more than 50 percent complete	9.9
2024	8	65774		IPP	Fence Post Solar Hybrid Project, LLC	TX	66801	FNCBE	72.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	72.0
2024	8	65774		IPP	Fence Post Solar Hybrid Project, LLC	TX	66801	FNCPT	236.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	236.0
2024	8	66412		IPP	Gibson Solar Project - Hybrid	CA	67836	GSP1	13.0		SUN	PV	(T) Regulatory approvals received. Not under construction	13.0
2024	8	66412		IPP	Gibson Solar Project - Hybrid	CA	67836	GSP2	13.0		MWH	BA	(T) Regulatory approvals received. Not under construction	13.0
2024	8	64994		IPP	Green Solar LLC (CSG)	OR	66349	PV1	2.9		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.9
2024	8	65451		IPP	Grizzly Ridge Solar	TX	66410	596	10.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	10.0
2024	8	64872		IPP	Harrah's Atlantic City - POI 1 (Meeting Center and Valet Garage)	NJ	66830	P5376	2.3		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.3
2024	8	65952		IPP	Henry Gibson Solar	NC	67029	HGS	5.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2024	8	64904		IPP	High Mesa CO	CO	67323	HMESS	10.0		MWH	BA	(V) Under construction, more than 50 percent complete	11.2
2024	8	64904		IPP	High Mesa CO	CO	67323	HMSCO	10.0		SUN	PV	(V) Under construction, more than 50 percent complete	11.2
2024	8	65016		IPP	High River Energy Center, LLC	NY	65765	HR01	90.0		SUN	PV	(V) Under construction, more than 50 percent complete	90.0
2024	8	66068		IPP	Holden BESS 1	MA	67186	90913	5.0		MWH	BA	(V) Under construction, more than 50 percent complete	5.0
2024	8	66343		IPP	IL Rochelle 975 S. Caron Rd	IL	67714	19578	1.5		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.5
2024	8	65654		IPP	Kimmel Road Solar, LLC	IL	66632	PV	50.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.0
2024	8	65874		IPP	Liberty County Solar Project	TX	67159	LIBCO	100.0		SUN	PV	(V) Under construction, more than 50 percent complete	109.9
2024	8	65984		IPP	Longbow BESS, LLC	TX	67083	LBBES	174.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	174.0
2024	8	66303		IPP	MD JESSUP 7950 OCEANO AVE	MD	67670	22337	1.5		SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2024	8	66120		IPP	McCormick NY CSG LLC	NY	67248	MCCOR	5.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2024	8	65550		IPP	Menifee Power Bank	CA	66494	NOVA3	50.0		MWH	BA	(V) Under construction, more than 50 percent complete	50.0
2024	8	66003		IPP	Monee Solar 1, LLC	IL	67107	GEN1	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	8	65592		IPP	Moonshot	MS	66544	PGRMS	78.5		SUN	PV	(V) Under construction, more than 50 percent complete	78.5
2024	8	66003		IPP	Mulberry Solar, LLC	IL	67108	GEN1	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	8	65823		IPP	Myrtle Solar, LLC	TX	66910	MYR	313.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	313.0
2024	8	65830		IPP	Myrtle Storage	TX	66913	MYRST	150.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	150.0
2024	8	64904		IPP	Northline Solar	NY	66449	NORTH	4.0		SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2024	8	64583		IPP	OE_FL7	FL	65292	OE_FL	74.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.9
2024	8	63755		IPP	Old 300 Solar Center, LLC	TX	64133	2222	430.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	430.0
2024	8	65788		IPP	Orion I Solar Project	TX	66859	ORN1	200.0		SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	8	65782		IPP	Orion III Solar Project	TX	66821	ORN3	250.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	250.0
2024	8	65347		IPP	Pearl River Solar Park LLC	MS	66239	GEN01	175.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	175.0
2024	8	64752		IPP	Perendale Holdings, LLC	NC	65426	GEN1	7.5		SUN	PV	(V) Under construction, more than 50 percent complete	7.5
2024	8	65099		IPP	Porter Solar, LLC (TX)	TX	65937	PORTR	245.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	245.0
2024	8	65648		IPP	Prairie Mist Solar	AR	66625	78661	100.0		SUN	PV	(V) Under construction, more than 50 percent complete	109.2
2024	8	65282		IPP	Prairie Switch Wind LLC	TX	66123	PSW1	163.2		WND	WT	(U) Under construction, less than or equal to 50 percent complete	163.2
2024	8	65857		IPP	Prescott Wind Farm	IA	66952	PWE	56.0		WND	WT	(U) Under construction, less than or equal to 50 percent complete	56.0
2024	8	65934		IPP	River Fork Solar, LLC	MI	67008	RFSLR	149.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	149.0
2024	8	65535		IPP	SV CSG German Valley 1 LLC	IL	67687	GEVA1	2.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2024	8	65626		IPP	San Juan Solar I	NM	66574	SANS	200.0		SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	8	65626		IPP	San Juan Solar I	NM	66574	SJSS	100.0		MWH	BA	(V) Under construction, more than 50 percent complete	100.0
2024	8	66131		IPP	Surbrook Solar, LLC	MI	67267	SUR10	20.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	20.0
2024	8	63289		IPP	TX15 Limousin Oak Storage	TX	65698	TX15	100.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	100.0
2024	8	65677		IPP	Tulare CSG LLC	CA	66679	TULAR	3.0		SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	8	65685		IPP	Tumbleweed Energy Storage	CA	66666	TWES2	75.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	75.0
2024	8	65173		IPP	USS Rosewood Solar LLC	MN	67547	USRSW	1.0		SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	8	65173		IPP	USS Slayton Solar LLC	MN	67548	USSLY	1.0		SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	8	66225		IPP	VS BC Pacific Gateway, LLC	CA	66948	VSPRC	1.3		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.4
2024	8	61514	Aglitis Energy, Inc.	IPP	AE-ESS NWS 1, LLC	NY	65239	NWS	4.9		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	8	807	Arkansas Electric Coop Corp	IPP	Woodruff County Solar	AR	66282	PV1	122.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	122.0
2024	8	55934	City of Stockton MUD	Commercial	Regional Wastewater Control Facility	CA	56134	0601	3.0		DFO	IC	(TS) Construction complete, but not yet in commercial operation	3.0
2024	8	61060	Cypress Creek Renewables	IPP	Galt	IL	67636	GALT	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	8	59656	Desert Quartzite LLC	IPP	Desert Quartzite	CA	59871	GEN01	300.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	300.0
2024	8	59656	Desert Quartzite LLC	IPP	Desert Quartzite	CA	59871	GEN02	150.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2024	8	17539	Dominion Energy South Carolina, Inc	Electric Utility	Bushy Park Combustion Turbine Facility	SC	66600	CT1	40.3		NG	GT	(U) Under construction, less than or equal to 50 percent complete	65.4
2024	8	58468	Dominion Renewable Energy	Electric Utility	Quillwort Solar	VA	65318	POWI	18.0		SUN	PV	(V) Under construction, more than 50 percent complete	18.0
2024	8	58468	Dominion Renewable Energy	Electric Utility	Springfield Solar	VA	65317	SPRG	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	8	62856	Forefront Power, LLC	IPP	CA - Amazon - SMF6	CA	65616	20031	2.6		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.6
2024	8	61194	Generate Capital	IPP	Trinity Freeport	IL	67628	11057	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	8	7140	Georgia Power Co	Electric Utility	Mossy Branch Battery Facility	GA	65018	BESS	65.0		MWH	BA	(V) Under construction, more than 50 percent complete	65.0
2024	8	60025	Greenbacker Renewable Energy Corporation	IPP	IGS OXR1	CA	66603	454	4.8		SUN	PV	(V) Under construction, more than 50 percent complete	4.8
2024	8	60025	Greenbacker Renewable Energy Corporation	IPP	Kosa	NY	66735	783	1.5		SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2024	8	60025	Greenbacker Renewable Energy Corporation	IPP	Pine Hill Westport	MA	67156	702	3.3		SUN	PV	(V) Under construction, more than 50 percent complete	3.3
2024	8	9191	Idaho Power Co	Electric Utility	Hemmingway BESS	ID	66325	HGW2	36.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	36.0
2024	8	49893	Invenery Services LLC	IPP	Yuma Solar + Storage	AZ	67321	PV1	70.0		SUN	PV	(T) Regulatory approvals received. Not under construction	70.0
2024	8	61944	MN8 Energy LLC	IPP	Dynamic - Exeter Solar	ME	67015	GEN1	4.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	8	61944	MN8 Energy LLC	IPP	WMATA - Cheverly Metro	MD	65959	GEN1	1.9		SUN	PV	(V) Under construction, more than 50 percent complete	1.9
2024	8	21538	Mohave Electric Cooperative, Inc	IPP	Mohave Electric Cooperative at Joy Lane	AZ	63554	MSSB1	15.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	15.0
2024	8	12796	Monongahela Power Co	Electric Utility	Rivesville Solar	WV	66900	RIVS	5.5		SUN	PV	(V) Under construction, more than 50 percent complete	5.5
2024	8	61227	Nautilus Solar Solutions	IPP	BNRG Masardis	ME	67427	SC	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	8	61227	Nautilus Solar Solutions	IPP	Brewer	ME	67499	SC	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	8	13683	North Carolina EI Member Corp	Electric Utility	Butler	NC	67042	BAT1	10.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	10.0
2024	8	13683	North Carolina EI Member Corp	Electric Utility	Double Creek	NC	67043	BAT1	5.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	8	13683	North Carolina EI Member Corp	Electric Utility	McLauchin	NC	67041	BAT1	15.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	15.0
2024	8	14354	PacifiCorp	Electric Utility	OIT BESS	OR	67741	I	2.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	8	56215	RWE Renewables Americas, LLC	IPP	Big Star Solar, LLC (Hybrid)	TX	64202	BGSTB	80.0		MWH	BA	(V) Under construction, more than 50 percent complete	80.0
2024	8	56215	RWE Renewables Americas, LLC	IPP	Big Star Solar, LLC (Hybrid)	TX	64202	BGSTS	200.0		SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	8	60970	SunShare Management	IPP	Buffalo Sun CSG	MN	66070	BUFFS	1.0		SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	8	60970	SunShare Management	IPP	Dove Solar CSG	CO	67361	DOVES	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	9	64904		IPP	AES ES Alamitos 2 LLC	CA	67579	ALMT2	82.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	82.0
2024	9	65777		IPP	Alton Post Office Solar	VA	66837	ALPT1	82.1		SUN	PV	(V) Under construction, more than 50 percent complete	75.1
2024	9	66143		IPP	Bishop Ranch - BR 15-DD	CA	67277	4657B	0.5		MWH	BA	(V) Under construction, more than 50 percent complete	0.5
2024	9	66143		IPP	Bishop Ranch - BR 15-DD	CA	67277	4657C	0.4		SUN	PV	(V) Under construction, more than 50 percent complete	0.4
2024	9	66143		IPP	Bishop Ranch - BR 15-DD	CA	67277	4657R	0.2		SUN	PV	(V) Under construction, more than 50 percent complete	0.2
2024	9	64872		IPP	Bishop Ranch - BR 8-P	CA	66800	4976	1.0		SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	9	64872		IPP	Bishop Ranch - BR 8-P	CA	66800	4976B	0.5		MWH	BA	(V) Under construction, more than 50 percent complete	0.5
2024	9	65118		Commercial	Brookville Smart Bus Depot Microgrid	MD	65945	GEN2	0.6		NG	IC	(TS) Construction complete, but not yet in commercial operation	0.6
2024	9	65118		Commercial	Brookville Smart Bus Depot Microgrid	MD	65945	GEN3	0.6		NG	IC	(TS) Construction complete, but not yet in commercial operation	0.6
2024	9	64843		Electric Utility	Byllesby	MN	50328	NOR-1	2.0		WAT	HY	(V) Under construction, more than 50 percent complete	2.0
2024	9	64843		Electric Utility	Byllesby	MN	50328	SOU-2	2.0		WAT	HY	(V) Under construction, more than 50 percent complete	2.0
2024	9	66174		IPP	Carvers Creek Solar	VA	67342	CARV	54.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	54.9
2024	9	66007		IPP	Chidsey Hill Road Solar	NY	65828	1666	3.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2024	9	66351		IPP	Citadel Battery Storage Plant	TX	67738	CITDL	206.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	206.0
2024	9	66371		IPP	Cosper Solar	TX	67773	GRS20	148.2		SUN	PV	(L) Regulatory approvals pending. Not under construction	148.2

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2024	9	66124		IPP	Dos Palos Clean Power	CA	67287	DOSP	3.0		SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2024	9	65776		IPP	East Cleveland Road Solar	CA	66810	ECLD	3.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.0
2024	9	65806		IPP	Elk Street Solar	NY	66886	ES	2.4		SUN	PV	(V) Under construction, more than 50 percent complete	2.4
2024	9	65556		IPP	EnerSmart Chula Vista Sub Station	CA	66505	CV150	3.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	3.0
2024	9	65556		IPP	EnerSmart Chula Vista Sub Station	CA	66505	CV151	3.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	3.0
2024	9	65444		IPP	Erie Solar, LLC	PA	66365	ERIE	20.0		SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2024	9	64904		IPP	Exeter Renewables 1	RI	67417	EXTR1	10.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2024	9	65620		IPP	Fox Garden	MN	66576	MNC07	0.9		SUN	PV	(V) Under construction, more than 50 percent complete	0.9
2024	9	66071		IPP	Franklin Solar Hybrid	ID	67190	FBESS	100.0		MWH	BA	(V) Under construction, more than 50 percent complete	100.0
2024	9	65932		IPP	Greewood II LLC	TX	67006	TBSP	306.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	306.0
2024	9	63109		IPP	Hales Mills Solar, LLC	NY	63339	09751	3.0		MWH	BA	(V) Under construction, more than 50 percent complete	3.0
2024	9	65052		IPP	Limestone CSG 1 LLC	ME	65801	LMST1	1.2		SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.8
2024	9	65053		IPP	Limestone CSG 2 LLC	ME	65802	LMST2	1.2		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.9
2024	9	65131		IPP	Mammoth North Solar	IN	65957	GEN1	400.0		SUN	PV	(V) Under construction, more than 50 percent complete	400.0
2024	9	64904		IPP	Mannys Corners Solar 1 LLC	NY	66947	MANNY	4.9		SUN	PV	(TS) Construction complete, but not yet in commercial operation	4.9
2024	9	65671		IPP	Martin County Solar Project, LLC	KY	66646	USMTC	111.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	111.0
2024	9	64904		IPP	McFarland B Solar and Storage	AZ	66637	BESS	150.0		MWH	BA	(V) Under construction, more than 50 percent complete	150.0
2024	9	64904		IPP	McFarland B Solar and Storage	AZ	66637	MCFRB	300.0		SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2024	9	65550		IPP	Menifee Power Bank	CA	66494	NOVA4	110.0		MWH	BA	(V) Under construction, more than 50 percent complete	110.0
2024	9	63968		IPP	Mockingbird Solar Center	TX	64347	7777	471.0		SUN	PV	(V) Under construction, more than 50 percent complete	471.0
2024	9	65964		IPP	Montgomery Ranch Wind Farm, LLC	TX	67095	MR1	202.5		WND	WT	(V) Under construction, more than 50 percent complete	202.5
2024	9	66221		IPP	NY Finchville Tpkc CSG	NY	67480	FCHVL	1.8		SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.8
2024	9	63331		Electric CHP	OES Biogas Power	CA	63622	OES01	1.3		OBG	IC	(TS) Construction complete, but not yet in commercial operation	1.3
2024	9	63331		Electric CHP	OES Biogas Power	CA	63622	OES02	1.3		OBG	IC	(TS) Construction complete, but not yet in commercial operation	1.3
2024	9	64516		IPP	Oneida East	NY	67584	ONEID	4.8		SUN	PV	(V) Under construction, more than 50 percent complete	4.8
2024	9	65618		IPP	Pickrel Garden	MN	66578	MNC03	0.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	0.9
2024	9	65552		IPP	Placerita ESS	CA	66462	GEN1	80.0		MWH	BA	(V) Under construction, more than 50 percent complete	88.0
2024	9	65392		IPP	Riverstart Solar Park III	IN	66269	RSS03	100.0		SUN	PV	(V) Under construction, more than 50 percent complete	100.0
2024	9	64438		IPP	Roseland Solar Project, LLC	TX	65028	ROSES	500.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	500.0
2024	9	65552		IPP	Sagebrush Solar 2 ESS 59	CA	66950	1	59.0		MWH	BA	(V) Under construction, more than 50 percent complete	59.0
2024	9	66331		IPP	Salt Creek Township Solar, LLC	IL	66633	PV	50.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.0
2024	9	64946		IPP	Sandriani Solar 200	CA	65663	GEN01	100.0		SUN	PV	(V) Under construction, more than 50 percent complete	100.0
2024	9	66396		IPP	Solar Powered Ag	CA	67818	CIDFL	3.1		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.1
2024	9	63289		IPP	TX10 Hummingbird Storage	TX	65693	TX10	100.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	100.0
2024	9	64904		IPP	Tubolino CSG	NY	67693	TUBOL	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	9	65875		IPP	Washington County Solar	GA	66990	WASH	150.0		SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2024	9	66350		IPP	Wigeon Whistle Battery Storage Plant	TX	67739	WIDWH	120.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	120.0
2024	9	65213		IPP	Wolfskin Solar	GA	66027	GA-04	38.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	38.0
2024	9	60797	68SF 8me LLC	IPP	Eland Solar & Storage Center, Phase 1 Hybrid	CA	61168	61168	150.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2024	9	60797	68SF 8me LLC	IPP	Eland Solar & Storage Center, Phase 1 Hybrid	CA	61168	68SF8	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	9	1148	City of Baldwin City- (KS)	Electric Utility	Baldwin City Plant No 2	KS	8020	10	2.0		DFO	IC	(V) Under construction, more than 50 percent complete	2.2
2024	9	1148	City of Baldwin City- (KS)	Electric Utility	Baldwin City Plant No 2	KS	8020	9	2.0		DFO	IC	(V) Under construction, more than 50 percent complete	2.2
2024	9	4065	City of Columbus - (OH)	Electric Utility	Jackson Pike WWTP Cogen Engines	OH	67264	1	1.4		OBG	IC	(V) Under construction, more than 50 percent complete	1.4
2024	9	4065	City of Columbus - (OH)	Electric Utility	Jackson Pike WWTP Cogen Engines	OH	67264	2	1.4		OBG	IC	(V) Under construction, more than 50 percent complete	1.4
2024	9	34359	Curators of the University of Missouri	Commercial	MU Combined Heat and Power Plant	MO	50969	GEN10	8.0		NG	ST	(V) Under construction, more than 50 percent complete	9.0
2024	9	61060	Cypress Creek Renewables	IPP	Breezewood	IL	67633	BREEZ	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	9	5248	Dominion Energy Inc.	IPP	Madison Solar	VA	66316	MDSO	62.5		SUN	PV	(V) Under construction, more than 50 percent complete	62.5
2024	9	58468	Dominion Renewable Energy	IPP	Atlanta Farms Solar	OH	65128	43164	199.6		SUN	PV	(V) Under construction, more than 50 percent complete	199.6
2024	9	58468	Dominion Renewable Energy	Electric Utility	Sebera Solar	VA	65320	SEBE	20.0		SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2024	9	5347	Dow Chemical Co	Industrial	Plaquemine Cogeneration Plant	LA	55419	ST6	48.9		NG	CA	(V) Under construction, more than 50 percent complete	48.9
2024	9	5347	Dow Chemical Co	Industrial	Plaquemine Cogeneration Plant	LA	55419	ST7	48.9		NG	CA	(V) Under construction, more than 50 percent complete	48.9
2024	9	56201	Engle North America	IPP	Noosa Energy Storage LLC	CA	64531	KOV4A	99.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	99.0
2024	9	60025	Greenbacker Renewable Energy Corporation	IPP	Lake City	MI	67200	642	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	9	60025	Greenbacker Renewable Energy Corporation	IPP	Morey Road	MI	67199	641	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	9	60025	Greenbacker Renewable Energy Corporation	IPP	N Baker Road	IL	67153	679	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	9	60025	Greenbacker Renewable Energy Corporation	IPP	N Baker Road 2	IL	67152	680	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	9	60025	Greenbacker Renewable Energy Corporation	IPP	N Solon Road (South)	IL	67198	678	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	9	60025	Greenbacker Renewable Energy Corporation	IPP	Upland	MA	67276	703	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	9	49893	Invenergy Services LLC	IPP	Tip Top Solar Energy Center LLC	NM	63028	GEN1	220.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	220.0
2024	9	49805	Kennecott Utah Copper	Industrial	Copperton Solar Plant No. 1	UT	64427	CSP1	2.3		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	9	50123	Leeward Asset Management, LLC	IPP	AVEP BESS	CA	65591	AVEPB	126.0		MWH	BA	(V) Under construction, more than 50 percent complete	126.0
2024	9	61944	MN8 Energy LLC	IPP	Dynamic - Glenburn Broadway One	ME	67017	GEN1	4.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.9
2024	9	61944	MN8 Energy LLC	IPP	Dynamic - Norridgewock Martin Stream	ME	67012	GEN1	4.9		SUN	PV	(TS) Construction complete, but not yet in commercial operation	4.9
2024	9	61944	MN8 Energy LLC	IPP	Dynamic - Wales Leeds Junction Road	ME	67011	GEN1	4.5		SUN	PV	(V) Under construction, more than 50 percent complete	4.5
2024	9	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN8	2.0		NG	IC	(V) Under construction, more than 50 percent complete	2.0
2024	9	12303	Merck & Co Inc-West Point	Industrial	West Point (PA)	PA	52149	GEN20	2.0		NG	IC	(V) Under construction, more than 50 percent complete	2.0
2024	9	56990	NJR Clean Energy Ventures Corporation	IPP	Norfolk Landfill Solar Project	CT	67483	NRFLK	4.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	9	56990	NJR Clean Energy Ventures Corporation	IPP	Raffia Road Solar Project	CT	67484	FLRFT	4.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	9	62759	National Grid Renewables	IPP	Fayette Solar	OH	67166	FYTSL	45.0		SUN	PV	(V) Under construction, more than 50 percent complete	45.0
2024	9	61227	Nautilus Solar Solutions	IPP	Altamont (NY)	NY	67403	SC	2.3		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.3
2024	9	61227	Nautilus Solar Solutions	IPP	BNRG North Anson	ME	67431	SC	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	9	61227	Nautilus Solar Solutions	IPP	Gowans	NY	67442	SC	3.8		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.8
2024	9	49896	Nevada Gold Energy, LLC	IPP	TS Power Plant	NV	56224	SOL2	100.0		SUN	PV	(V) Under construction, more than 50 percent complete	100.0
2024	9	13491	New York University	Commercial	New York University Central Plant	NY	54808	DE1	2.5		DFO	IC	(V) Under construction, more than 50 percent complete	2.5
2024	9	13491	New York University	Commercial	New York University Central Plant	NY	54808	GR1	2.6		NG	IC	(V) Under construction, more than 50 percent complete	2.6
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Archie Horne	NC	67040	BAT1	10.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	10.0
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Collier BESS	NC	65248	BAT1	2.5		MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.5
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Davistown-Mercer	NC	67036	BAT1	2.5		MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.5
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Docs Road BESS	NC	65249	BAT1	5.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Fairfield Harbor	NC	67044	BAT1	5.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Five Points BESS	NC	65250	BAT1	5.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Maysville BESS	NC	65240	BAT1	5.0		MWH	BA	(V) Under construction, more than 50 percent complete	5.0
2024	9	13683	North Carolina EI Member Corp	Electric Utility	McKinney BESS	NC	65241	BAT1	5.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Medoc	NC	67037	BAT1	2.5		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.5

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2024	9	13683	North Carolina EI Member Corp	Electric Utility	New Rosewood BESS	NC	65243	BAT1	2.5		MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.5
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Queens Creek BESS	NC	65244	BAT1	2.5		MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.5
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Rocky Point BESS	NC	65245	BAT1	5.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Walkers Crossroads BESS	NC	65246	BAT1	5.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	9	13683	North Carolina EI Member Corp	Electric Utility	Zion Hill BESS	NC	65247	BAT1	5.0		MWH	BA	(V) Under construction, more than 50 percent complete	5.0
2024	9	60520	SoCore Energy LLC	IPP	Rockford Plant	IL	67812	PV1	2.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2024	9	17609	Southern California Edison Co	Electric Utility	Cathode (Hinson) BESS	CA	65457	CATH1	100.0		MWH	BA	(V) Under construction, more than 50 percent complete	100.0
2024	9	17609	Southern California Edison Co	Electric Utility	Cathode (Hinson) BESS	CA	65457	CATH2	100.0		MWH	BA	(V) Under construction, more than 50 percent complete	100.0
2024	9	17609	Southern California Edison Co	Electric Utility	Separator (Etiwanda) BESS	CA	65456	SEPAR	112.5		MWH	BA	(V) Under construction, more than 50 percent complete	112.5
2024	9	60970	SunShare Management	IPP	Quarry Sun CSG	MN	66073	QURYS	1.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2024	9	18454	Tampa Electric Co	Electric Utility	Dover Energy Storage	FL	67120	BESS1	15.0		MWH	BA	(V) Under construction, more than 50 percent complete	15.0
2024	9	19499	United Power, Inc	Electric Utility	Frederick Battery Storage	CO	67302	FREBA	7.8		MWH	BA	(TS) Construction complete, but not yet in commercial operation	7.8
2024	10	65684		IPP	549 Doles Ridge Rd Solar LLC	ME	66665	549DR	4.9		SUN	PV	(T) Regulatory approvals received. Not under construction	4.9
2024	10	66421		IPP	BT Signal Ranch	TX	67849	BTS	50.0		SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2024	10	66001		IPP	Bayou Galion Solar Project	LA	67104	BAYOU	98.1		SUN	PV	(V) Under construction, more than 50 percent complete	98.1
2024	10	61222		IPP	Black Hollow Sun, LLC	CO	64745	BHS01	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2024	10	65742		IPP	Blue Bird Solar, LLC	MO	66747	BBS	139.0		SUN	PV	(V) Under construction, more than 50 percent complete	139.0
2024	10	65694		IPP	Bright Arrow Solar, LLC	TX	66688	BASS1	103.6		MWH	BA	(V) Under construction, more than 50 percent complete	103.6
2024	10	64872		IPP	Caesar's Atlantic City - POI 1 (Colosseum)	NJ	66813	P5377	1.4		SUN	PV	(V) Under construction, more than 50 percent complete	1.4
2024	10	64904		IPP	Cavalier Solar A2	VA	67421	CAVA2	84.4		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	84.4
2024	10	65683		IPP	Dublin Street LLC	ME	66664	DBLNS	4.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.9
2024	10	65799		IPP	Estonian Solar Project, LLC	TX	66872	BESS	100.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	100.0
2024	10	65799		IPP	Estonian Solar Project, LLC	TX	66872	SOLAR	204.5		SUN	PV	(TS) Construction complete, but not yet in commercial operation	204.5
2024	10	65777		IPP	Foxglove Solar	VA	66841	FOXG1	75.0		SUN	PV	(V) Under construction, more than 50 percent complete	75.0
2024	10	65097		IPP	Gans Solar	PA	65902	5	14.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	14.0
2024	10	64904		IPP	Geer Road Solar 1	NY	67418	GEER1	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	10	64904		IPP	Geer Road Solar 2	NY	67412	GEER2	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	10	64904		IPP	Geer Road Solar 3	NY	67413	GEER3	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	10	65381		IPP	Gravel Pit Solar, LLC	CT	66268	GPS03	50.0		SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2024	10	65381		IPP	Gravel Pit Solar, LLC	CT	66268	GPS04	70.0		SUN	PV	(V) Under construction, more than 50 percent complete	70.0
2024	10	64872		IPP	Harrah's Atlantic City - POI 2 (Self Park Garage)	NJ	66831	P5614	1.8		SUN	PV	(V) Under construction, more than 50 percent complete	1.8
2024	10	66172		IPP	Hat Creek Bioenergy	CA	67360	HAT01	3.0		WDS	OT	(V) Under construction, more than 50 percent complete	3.6
2024	10	66358		IPP	Highway 43 1887-WD	CA	67746	HWY43	2.3		SUN	PV	(T) Regulatory approvals received. Not under construction	2.3
2024	10	63416		IPP	Ho'Ohana Solar 1	HI	63723	H0001	52.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	52.0
2024	10	63416		IPP	Ho'Ohana Solar 1	HI	63723	HESS1	52.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	52.0
2024	10	65794		IPP	Indiana Crossroads Wind Farm II	IN	66861	GEN01	200.0		WND	WT	(TS) Construction complete, but not yet in commercial operation	201.6
2024	10	65677		IPP	Kings CSG 3 LLC	CA	66676	KING3	3.0		SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	10	64924		IPP	Lumina Solar Project	TX	65645	LU1BA	160.0		MWH	BA	(V) Under construction, more than 50 percent complete	160.0
2024	10	64994		IPP	Marble Solar LLC (CSG)	OR	66351	PV1	2.9		SUN	PV	(T) Regulatory approvals received. Not under construction	2.9
2024	10	66280		IPP	Markum Solar Farm	TX	67580	MKM	161.0		SUN	PV	(V) Under construction, more than 50 percent complete	161.0
2024	10	65173		IPP	Marshall Solar Plus LLC	MN	67545	MARSL	10.0		SUN	PV	(V) Under construction, more than 50 percent complete	10.0
2024	10	65076		IPP	Pavlov	TX	67493	PAVLV	9.9		MWH	BA	(V) Under construction, more than 50 percent complete	9.9
2024	10	66069		IPP	Paxton BESS 1	MA	67187	90912	3.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	3.0
2024	10	65098		IPP	Pechin Solar	PA	65903	9	14.0		SUN	PV	(V) Under construction, more than 50 percent complete	14.0
2024	10	66367		Commercial	Pittsburg RV Solar	CA	67770	30200	2.9		SUN	PV	(V) Under construction, more than 50 percent complete	2.8
2024	10	66413		IPP	Ray Ranch Solar	TX	67837	RAYRS	255.2		SUN	PV	(V) Under construction, more than 50 percent complete	255.2
2024	10	66305		Commercial	Rio Vista Solar	CA	67648	30200	2.7		SUN	PV	(V) Under construction, more than 50 percent complete	2.7
2024	10	65076		IPP	Russek	TX	67495	RUSSK	9.9		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	9.9
2024	10	65552		IPP	Sagebrush Solar 2 ESS 40	CA	66949	1	40.0		MWH	BA	(V) Under construction, more than 50 percent complete	40.0
2024	10	65076		IPP	Sandlake	TX	67496	SDLKB	9.9		MWH	BA	(V) Under construction, more than 50 percent complete	9.9
2024	10	66361		IPP	Stampede Solar Hybrid	TX	67762	STMPB	72.2		MWH	BA	(T) Regulatory approvals received. Not under construction	72.2
2024	10	66361		IPP	Stampede Solar Hybrid	TX	67762	STMPS	255.9		SUN	PV	(T) Regulatory approvals received. Not under construction	255.9
2024	10	65970		IPP	Sunlight Road Solar	LA	67071	SRS	50.0		SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2024	10	65962		IPP	TX Fort Worth 5200 Gold Spike Drive	TX	67058	19599	4.0		SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2024	10	65173		IPP	US Cogburn Solar LLC	CO	66436	USCOG	2.4		SUN	PV	(T) Regulatory approvals received. Not under construction	2.4
2024	10	65640		IPP	Vineyard Wind 1	MA	63093	VW01	800.0		WND	WS	(V) Under construction, more than 50 percent complete	800.0
2024	10	65645		IPP	Wadley Solar	GA	66626	WADLE	260.0		SUN	PV	(T) Regulatory approvals received. Not under construction	260.0
2024	10	64994		IPP	Wallace Solar LLC (CSG)	OR	66355	PV1	3.0		SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2024	10	20806	City of Windom	Electric Utility	Windom	MN	2023	CAT5	2.8		DFO	IC	(V) Under construction, more than 50 percent complete	3.1
2024	10	20806	City of Windom	Electric Utility	Windom	MN	2023	CAT6	2.8		DFO	IC	(V) Under construction, more than 50 percent complete	3.1
2024	10	56769	Consolidated Edison Development Inc.	IPP	Timberland Solar	GA	65892	TSPV	140.0		SUN	PV	(V) Under construction, more than 50 percent complete	140.0
2024	10	61060	Cypress Creek Renewables	IPP	Acer	NY	67632	ACER	4.3		SUN	PV	(V) Under construction, more than 50 percent complete	4.3
2024	10	61060	Cypress Creek Renewables	IPP	Dakota	IL	67635	DAKOT	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	10	61060	Cypress Creek Renewables	IPP	Grass River	NY	67638	GRASS	4.1		SUN	PV	(V) Under construction, more than 50 percent complete	4.1
2024	10	61060	Cypress Creek Renewables	IPP	Meltwater	NY	67640	MELTW	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	10	61060	Cypress Creek Renewables	IPP	Niagara (NY)	NY	67641	NIAGA	4.2		SUN	PV	(V) Under construction, more than 50 percent complete	4.2
2024	10	61060	Cypress Creek Renewables	IPP	Skyline	IL	67642	SKYLN	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	10	61060	Cypress Creek Renewables	IPP	Walldog	IL	67646	WALLD	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	10	61610	Delaware River Solar, LLC	IPP	Route 5 & 20 Community Solar Farm	NY	62523	1093	2.3		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.3
2024	10	61610	Delaware River Solar, LLC	IPP	State Route 64N Community Solar Farm	NY	62520	1089	1.2		SUN	PV	(T) Regulatory approvals received. Not under construction	1.2
2024	10	5416	Duke Energy Carolinas, LLC	Electric Utility	Lincoln Combustion	NC	7277	17	517.0		NG	GT	(V) Under construction, more than 50 percent complete	536.4
2024	10	5701	El Paso Electric Co	Electric Utility	Chihuahuan Desert Solar	TX	67174	10TXC	10.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2024	10	22500	Evergy Kansas Central, Inc	Electric Utility	Osawatomie Solar	KS	67025	PV	4.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.9
2024	10	61194	Generate Capital	IPP	Krumkill Road Solar South, LLC	NY	67616	11087	3.8		SUN	PV	(L) Regulatory approvals pending. Not under construction	3.8
2024	10	60025	Greenbacker Renewable Energy Corporation	IPP	Mars Hill	ME	67154	577	2.6		SUN	PV	(V) Under construction, more than 50 percent complete	2.6
2024	10	60025	Greenbacker Renewable Energy Corporation	IPP	Our Katahdin	ME	67155	696	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	10	60025	Greenbacker Renewable Energy Corporation	IPP	Ring Road	MA	67119	686	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	10	62008	Hale Kuawehe Solar LLC	IPP	Hale Kuawehe Solar Hybrid	HI	62529	HKSOL	30.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	30.0
2024	10	9210	International Paper Co-Riegelwood	Industrial	International Paper Riegelwood Mill	NC	54656	NO4	40.0		BLQ	ST	(U) Under construction, less than or equal to 50 percent complete	40.0
2024	10	9417	Interstate Paper and Light Co	Electric Utility	Creston Solar (50 MW)	IA	67536	PV1	50.0		SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2024	10	49893	Invenery Services LLC	IPP	Delilah Solar Energy II LLC	TX	63884	GEN1	310.0		SUN	PV	(V) Under construction, more than 50 percent complete	310.0
2024	10	49893	Invenery Services LLC	IPP	Delilah Solar Energy LLC	TX	63194	GEN1	300.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	300.0
2024	10	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Driver Solar	AR	65736	AKDR1	150.0		SUN	PV	(V) Under construction, more than 50 percent complete	150.0
2024	10	61307	Lockheed Martin RMS	Industrial	Lockheed Martin Solar	FL	61694	E6CRT	1.0		DFO	IC	(P) Planned for installation, but regulatory approvals not initiated	1.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2024	10	61944	MN8 Energy LLC	IPP	Dynamic - Wales Pond Road	ME	67010	GEN1	4.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.9
2024	10	61944	MN8 Energy LLC	IPP	Spring Lane	PA	67706	GEN1	13.8		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	13.8
2024	10	12303	Merck & Co Inc-West Point	Industrial	West Point (PA)	PA	52149	GEN18	2.5		NG	IC	(TS) Construction complete, but not yet in commercial operation	2.5
2024	10	56990	NJR Clean Energy Ventures Corporation	IPP	Foul Rift Solar Farm	NJ	67252	FLRFT	15.4		SUN	PV	(V) Under construction, more than 50 percent complete	15.4
2024	10	61227	Nautilus Solar Solutions	IPP	Exeter Ten	RI	67410	SC	2.8		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.8
2024	10	61227	Nautilus Solar Solutions	IPP	Mechanic Street	ME	67396	SC	3.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2024	10	61227	Nautilus Solar Solutions	IPP	Missile Street	ME	67398	SC	3.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2024	10	61227	Nautilus Solar Solutions	IPP	North Woods	NY	67437	SC	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	10	61227	Nautilus Solar Solutions	IPP	Sheesley	NY	67329	SC	4.4		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.4
2024	10	61227	Nautilus Solar Solutions	IPP	Ver Plank North	NY	67337	SC	4.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	10	61227	Nautilus Solar Solutions	IPP	Ver Plank South	NY	67338	SC	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	10	14127	Omaha Public Power District	Electric Utility	Turtle Creek	NE	64547	1	221.1		NG	GT	(V) Under construction, more than 50 percent complete	264.0
2024	10	14127	Omaha Public Power District	Electric Utility	Turtle Creek	NE	64547	2	221.1		NG	GT	(V) Under construction, more than 50 percent complete	264.0
2024	10	16609	San Diego Gas & Electric Co	Electric Utility	Dark Sky Energy Center	CA	66599	1	7.1		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	7.3
2024	10	16609	San Diego Gas & Electric Co	Electric Utility	Santee BESS	CA	67118	1	10.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	10.0
2024	10	60520	SoCore Energy LLC	IPP	Illinois PV Knox 1A	IL	67816	PV1	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	10	60520	SoCore Energy LLC	IPP	Illinois PV Knox 1B	IL	67805	PV1	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	10	17609	Southern California Edison Co	Electric Utility	Anode (Springville) BESS	CA	65458	ANOD1	112.5		MWH	BA	(V) Under construction, more than 50 percent complete	112.5
2024	10	17609	Southern California Edison Co	Electric Utility	Anode (Springville) BESS	CA	65458	ANOD2	112.5		MWH	BA	(V) Under construction, more than 50 percent complete	112.5
2024	10	60970	SunShare Management	IPP	Oster Sun CSG	MN	66072	OSTRS	1.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2024	10	57313	Tesla Inc.	Industrial	Fremont CA AutoFactory	CA	65072	GA3	1.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2024	10	57313	Tesla Inc.	Industrial	Fremont CA AutoFactory	CA	65072	GVSRS	0.4		SUN	PV	(V) Under construction, more than 50 percent complete	0.4
2024	10	57313	Tesla Inc.	Industrial	Fremont CA AutoFactory	CA	65072	STAMP	1.2		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2024	10	6775	Village of Freeport - (NY)	Electric Utility	Plant No 1 Freeport	NY	2678	ENG13	3.0		LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.0
2024	11	65747		IPP	AB Newark Solar	NJ	66746	PV1	5.6		SUN	PV	(T) Regulatory approvals received. Not under construction	5.6
2024	11	64904		IPP	AES Bend Solar I, LLC	IL	67719	BEND1	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	11	64904		IPP	AES Bend Solar II, LLC	IL	67718	BEND2	1.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.9
2024	11	65569		IPP	Afton Solar	NY	66521	18808	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	11	65293		IPP	Bartonsville Energy Facility, LLC	VA	66133	BTS	130.0		SUN	PV	(V) Under construction, more than 50 percent complete	130.0
2024	11	64516		IPP	Collins (NY)	NY	67582	COLLI	4.9		SUN	PV	(V) Under construction, more than 50 percent complete	4.9
2024	11	65875		IPP	Decatur Solar	GA	67047	GEN1	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	11	66142		IPP	Goose Prairie Solar	WA	67261	GOOSE	80.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	80.0
2024	11	65572		IPP	Greene Community Solar	NY	66524	20738	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	11	64941		IPP	Hecate Energy Pulaski 1	VA	65665	HEPU1	150.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2024	11	63969		IPP	Highland Solar South	FL	64346	9999	74.9		SUN	PV	(L) Regulatory approvals pending. Not under construction	74.9
2024	11	64738		IPP	Hummingbird Energy Storage LLC	CA	65395	HUMB1	75.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	75.0
2024	11	66342		IPP	IL Joliet 1101 Cherry Hill Rd	IL	67713	19581	4.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0
2024	11	65535		IPP	Lawrence Solar 1 LLC	IL	67681	LAWS1	2.0		SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2024	11	65535		IPP	Lawrence Solar 2 LLC	IL	67682	LAWS2	2.0		SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2024	11	65100		IPP	Listonburg Solar	PA	65929	8	15.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	15.0
2024	11	66288		IPP	NY ALTONA MAYOTT - Environomics P1	NY	67599	20641	7.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	7.5
2024	11	66289		IPP	NY ALTONA MAYOTT - Environomics P2	NY	67600	20641	7.1		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	7.1
2024	11	65571		IPP	NY Beaver Dams Dix 1239 Duvall Rd Solar	NY	66523	20149	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	11	66300		IPP	NY ELBA 7195 OAK ORCHARD RD - Genesee 1	NY	67609	21599	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	11	66283		IPP	NY Newark ST RT 31 - Environomics S2	NY	67586	20654	4.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	11	66273		IPP	NY Newark St Rt 31 - Environomics S1	NY	67571	20880	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	11	66301		IPP	NY PAVILION 6464 SHEPARD RD - Genesee 4	NY	67610	21602	4.3		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.3
2024	11	66358		IPP	Nachtigall 1836-WD	CA	67747	NACHT	4.6		SUN	PV	(T) Regulatory approvals received. Not under construction	4.6
2024	11	64377		IPP	Novel Billie Solar LLC	MN	64865	BLILE	1.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2024	11	64433		IPP	Novel Bo Hu 1 Solar LLC	MN	65006	BOHU1	1.0		SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	11	66031		IPP	Novel Brock Solar LLC	MN	65024	BROCK	1.0		SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	11	66032		IPP	Novel Swenson Solar LLC	MN	65025	SWNSN	1.0		SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	11	65852		IPP	Orion II Solar Project	TX	66941	ORN2	250.0		SUN	PV	(V) Under construction, more than 50 percent complete	250.0
2024	11	66358		IPP	Pistachio Road 1726-WD	CA	67749	TWISS	4.8		SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2024	11	64904		IPP	Princeton Solar 1	NY	67414	PRNC1	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	11	65677		IPP	RB Inyokern Solar WDAT 1203, LLC	CA	67533	INYO1	19.9		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	19.9
2024	11	65677		IPP	RB Inyokern Solar WDAT 1281, LLC	CA	67534	INYO2	11.9		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	11.9
2024	11	65348		IPP	Ragsdale Solar LLC	MS	66240	GEN01	100.0		SUN	PV	(V) Under construction, more than 50 percent complete	100.0
2024	11	65535		IPP	SV CSG Wagner A LLC	IL	67688	WAGNA	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	11	65535		IPP	SV CSG Wagner B LLC	IL	67689	WAGNB	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	11	66346		IPP	Silver Peak	NV	67736	SP1	60.0		MWH	BA	(V) Under construction, more than 50 percent complete	60.0
2024	11	66346		IPP	Silver Peak	NV	67736	SP2	60.0		MWH	BA	(V) Under construction, more than 50 percent complete	60.0
2024	11	66346		IPP	Silver Peak	NV	67736	SP3	60.0		MWH	BA	(V) Under construction, more than 50 percent complete	60.0
2024	11	66149		IPP	Six Flags Magic Mountain	CA	67283	6569	10.0		SUN	PV	(V) Under construction, more than 50 percent complete	10.0
2024	11	66149		IPP	Six Flags Magic Mountain	CA	67283	6569B	2.0		MWH	BA	(V) Under construction, more than 50 percent complete	2.0
2024	11	66358		IPP	Terry 1818-WD	CA	67748	TERRY	4.6		SUN	PV	(T) Regulatory approvals received. Not under construction	4.6
2024	11	64904		IPP	Triple S Solar I LLC	IL	67717	TRIP1	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	11	66334		IPP	Twin Lakes Solar LLC	IN	67696	TWNLK	150.0		SUN	PV	(V) Under construction, more than 50 percent complete	150.0
2024	11	64904		IPP	Vermilion Solar I LLC	IL	67716	VERM1	1.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.9
2024	11	64904		IPP	Vermilion Solar II LLC	IL	67715	VERM2	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	11	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC3	20.0		NG	IC	(V) Under construction, more than 50 percent complete	20.0
2024	11	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC4	20.0		NG	IC	(V) Under construction, more than 50 percent complete	20.0
2024	11	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC5	20.0		NG	IC	(V) Under construction, more than 50 percent complete	20.0
2024	11	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC6	20.0		NG	IC	(V) Under construction, more than 50 percent complete	20.0
2024	11	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC7	20.0		NG	IC	(V) Under construction, more than 50 percent complete	20.0
2024	11	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC8	20.0		NG	IC	(V) Under construction, more than 50 percent complete	20.0
2024	11	59319	Cotton Solar, LLC	IPP	Cotton Solar	SC	59572	PV1	16.0		SUN	PV	(T) Regulatory approvals received. Not under construction	16.0
2024	11	5109	DTE Electric Company	Electric Utility	Slocum Energy Storage	MI	67758	SLOES	14.0		MWH	BA	(T) Regulatory approvals received. Not under construction	14.0
2024	11	6455	Duke Energy Florida, LLC	Electric Utility	County Line Renewable Energy Center	FL	67049	PV1	74.9		SUN	PV	(V) Under construction, more than 50 percent complete	74.9
2024	11	22500	Evergy Kansas Central, Inc	Electric Utility	Osage City Solar	KS	67699	OSAGE	1.8		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.8
2024	11	6452	Florida Power & Light Co	Electric Utility	Buttonwood	FL	65920	1	74.5		SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2024	11	6452	Florida Power & Light Co	Electric Utility	Cedar Trail	FL	67672	1	74.5		SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2024	11	6452	Florida Power & Light Co	Electric Utility	Georges Lake	FL	65907	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2024	11	6452	Florida Power & Light Co	Electric Utility	Honeybell	FL	65921	1	74.5		SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2024	11	6452	Florida Power & Light Co	Electric Utility	Mitchell Creek	FL	65911	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2024	11	6452	Florida Power & Light Co	Electric Utility	Norton Creek	FL	65908	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2024	11	61194	Generate Capital	IPP	Cottage Grove North Solar 1, LLC	IL	67629	11114	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	11	61194	Generate Capital	IPP	Cottage Grove South Solar 1, LLC	IL	67630	11115	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	11	60025	Greenbacker Renewable Energy Corporation	IPP	DIA 9	CO	67201	724	9.8		SUN	PV	(V) Under construction, more than 50 percent complete	9.8
2024	11	60025	Greenbacker Renewable Energy Corporation	IPP	Surrey Road	MI	67197	643	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	11	62008	Hale Kuawehi Solar LLC	IPP	Hale Kuawehi Solar Hybrid	HI	62529	HKBA	30.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	30.0
2024	11	9417	Interstate Power and Light Co	Electric Utility	Wever Solar (150MW)	IA	67538	PV1	150.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2024	11	49893	Invenergy Services LLC	IPP	Samson Solar Energy II LLC	TX	63882	GEN1	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Prairie Ronde Solar Farm	LA	65976	LAPR1	135.0		SUN	PV	(V) Under construction, more than 50 percent complete	135.0
2024	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Starr Solar Ranch	TX	65975	TXST1	136.0		SUN	PV	(V) Under construction, more than 50 percent complete	136.0
2024	11	61944	MN8 Energy LLC	IPP	Dynamic - Gray Solar	ME	67014	GEN1	4.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.9
2024	11	62915	Madison Energy Holdings LLC	IPP	Bibb Williams	GA	67048	SP324	2.3		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.3
2024	11	12796	Monongahela Power Co	Electric Utility	Marlowe Solar	WV	66899	MARS	5.8		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.8
2024	11	61227	Nautilus Solar Solutions	IPP	BNRG Norridgewock	ME	67429	SC	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	11	61227	Nautilus Solar Solutions	IPP	Pomham Islander	RI	67447	SC	2.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.5
2024	11	61227	Nautilus Solar Solutions	IPP	Wolcott Hill (Camden)	NY	67426	SC	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	11	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	1	16.8		NG	IC	(V) Under construction, more than 50 percent complete	16.8
2024	11	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	2	16.8		NG	IC	(V) Under construction, more than 50 percent complete	16.8
2024	11	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	3	16.8		NG	IC	(V) Under construction, more than 50 percent complete	16.8
2024	11	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	4	16.8		NG	IC	(V) Under construction, more than 50 percent complete	16.8
2024	11	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	5	16.8		NG	IC	(V) Under construction, more than 50 percent complete	16.8
2024	11	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	6	16.8		NG	IC	(V) Under construction, more than 50 percent complete	16.8
2024	11	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	7	16.8		NG	IC	(V) Under construction, more than 50 percent complete	16.8
2024	11	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	8	16.8		NG	IC	(V) Under construction, more than 50 percent complete	16.8
2024	11	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	9	16.8		NG	IC	(V) Under construction, more than 50 percent complete	16.8
2024	11	62646	Painter Energy Storage, LLC	IPP	Painter Energy Storage	CA	62729	PAIN1	10.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	10.0
2024	11	27075	San Diego County Water Auth	IPP	Rancho Penasquitos	CA	66615	G200	4.1		WAT	HY	(U) Under construction, less than or equal to 50 percent complete	4.1
2024	11	60970	SunShare Management	IPP	BecLee Solar CSG	CO	67364	BECLS	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	11	60970	SunShare Management	IPP	Lark Bunting Solar CSG	CO	67362	LARKS	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	63238		IPP	AL Solar C LLC	AL	63513	OEALC	80.0		SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2024	12	65678		IPP	Acid BESS	CA	66659	MAL	97.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	97.0
2024	12	66072		IPP	Anticline Wind	WY	67193	AC	124.3		WIND	WT	(U) Under construction, less than or equal to 50 percent complete	124.3
2024	12	61222		IPP	Atlas	AZ	63798	ATL01	300.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2024	12	61222		IPP	Atlas	AZ	63798	ATL1B	300.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	300.0
2024	12	63702		IPP	Barbers Point Solar, LLC	HI	64094	BPBA	15.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	15.0
2024	12	63702		IPP	Barbers Point Solar, LLC	HI	64094	BPSOL	15.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	15.0
2024	12	64744		IPP	Boswell Wind	WY	65403	BOSWW	329.8		WIND	WT	(U) Under construction, less than or equal to 50 percent complete	329.8
2024	12	64904		IPP	Calhoun County Solar Project	MI	64452	GEN1	125.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	125.0
2024	12	65931		IPP	Cardinal Solar, LLC	PA	67007	CARD	20.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2024	12	66129		IPP	Cedar Springs Wind IV	WY	67289	CS4	390.4		WIND	WT	(U) Under construction, less than or equal to 50 percent complete	390.4
2024	12	66200		IPP	Century Oak Wind Project, LLC	TX	67425	COAKW	151.5		WIND	WT	(V) Under construction, more than 50 percent complete	151.5
2024	12	66089		IPP	Columbia County Solar	FL	67206	COLS	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2024	12	64904		IPP	County Highway Solar 1	NY	67415	CTHW1	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	64904		IPP	County Highway Solar 2	NY	67416	CTHW2	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	65535		IPP	DeKalb Taylor LLC	IL	67686	DEKTY	4.9		SUN	PV	(T) Regulatory approvals received. Not under construction	4.9
2024	12	64609		IPP	ENGIE Solidago Solar Project - Hybrid	DE	65304	BESS	12.5		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	12.5
2024	12	65681		IPP	Electrolyte BESS	CA	66661	HEN	99.4		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	99.4
2024	12	65594		IPP	EnerSmart Imperial Beach BESS	CA	66551	IB192	3.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	3.0
2024	12	65594		IPP	EnerSmart Imperial Beach BESS	CA	66551	IB193	3.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	3.0
2024	12	65654		IPP	Envoy Solar, LLC	MO	66629	PV	50.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.0
2024	12	65206		IPP	Eureka North Solar	NY	66042	63232	3.5		SUN	PV	(V) Under construction, more than 50 percent complete	3.5
2024	12	65205		IPP	Eureka South Solar	NY	66041	63231	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	64872		IPP	FFP - NY Game Farm	NY	66828	P5652	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	66146		IPP	FFP - NY Ruggirello	NY	67280	P5649	2.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2024	12	64457		IPP	FedEx Middletown	CT	65046	VCP15	2.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2024	12	66125		IPP	Foster Clean Power A	CA	67288	BESSA	1.3		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	1.3
2024	12	66125		IPP	Foster Clean Power A	CA	67288	FOSTA	3.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2024	12	66088		IPP	Gadsden County Solar	FL	67205	GADS	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2024	12	66090		IPP	Gilchrist County Solar	FL	67207	GILS	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2024	12	65277		IPP	HCE Millboro Springs Solar, LLC	VA	66117	MLBS	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	65277		IPP	HCE Moran Solar, LLC	VA	66118	MORAN	3.2		SUN	PV	(V) Under construction, more than 50 percent complete	3.2
2024	12	65277		IPP	HCE Reams Solar, LLC	VA	66120	REAMS	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	65277		IPP	HCE Red House Solar, LLC	VA	66121	REDHS	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	65277		IPP	HCE Roark Mill Solar, LLC	VA	66122	RKML	3.2		SUN	PV	(V) Under construction, more than 50 percent complete	3.2
2024	12	65862		IPP	Halsey Lane Solar	NY	65827	1795	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	66091		IPP	Harmony Florida Solar II	FL	67208	HARS	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2024	12	65655		IPP	Harquahala Sun Solar Project	AZ	66670	HARQ1	150.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2024	12	66402		IPP	Hickory Solar	IL	67786	GEN01	110.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	110.0
2024	12	65829		IPP	Hill Solar 1, LLC	TX	66912	HS1	405.0		SUN	PV	(V) Under construction, more than 50 percent complete	405.0
2024	12	66199		IPP	Hopkins Energy LLC	TX	67424	HOPKS	250.0		SUN	PV	(V) Under construction, more than 50 percent complete	250.0
2024	12	65869		IPP	IPC 25 Solar	CA	67069	CV525	2.4		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.4
2024	12	65093		IPP	Industrial Parkway Storage	CA	65897	INPKY	9.8		MWH	BA	(T) Regulatory approvals received. Not under construction	9.8
2024	12	64778		IPP	Inland Empire Energy Storage	CA	66726	IEESS	70.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	70.0
2024	12	66014		IPP	Kendall DG Solar	NY	67141	KEN	5.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2024	12	66358		IPP	Kern Sunset 1886-WD	CA	67750	WEEDP	2.4		SUN	PV	(T) Regulatory approvals received. Not under construction	2.4
2024	12	65656		IPP	Kiowa County Solar Project, LLC	OK	66642	USKWA	100.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
2024	12	65680		IPP	Lead BESS 1	CA	66660	HAN	99.4		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	99.4
2024	12	65680		IPP	Lead BESS 2	CA	66662	BIA	32.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	32.0
2024	12	65676		IPP	Long Lake Solar, LLC	AR	66649	LLS	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	64927		IPP	Lumina II Solar Project	TX	65644	LU2BA	160.0		MWH	BA	(V) Under construction, more than 50 percent complete	160.0
2024	12	65551		IPP	Magruder Solar	NY	66495	PV1	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	64904		IPP	Mamm Creek	CO	67322	MCESS	10.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	11.2

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2024	12	64904		IPP	Mamm Creek	CO	67322	MCSCO	10.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	11.2
2024	12	65985		IPP	NY Attica 264 Maplewood Rd	NY	67136	20496	3.6		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.6
2024	12	65573		IPP	NY Fredonia 9824 Route 60 Solar	NY	66525	21105	5.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2024	12	65778		IPP	OE_CAB1	CA	66808	OCAB	99.7		SUN	PV	(L) Regulatory approvals pending. Not under construction	99.7
2024	12	64584		IPP	OE_MS4	MS	65293	OEMS4	96.0		SUN	PV	(T) Regulatory approvals received. Not under construction	96.0
2024	12	64087		IPP	OE_MS5	MS	64529	MSS_S	50.0		MWH	BA	(V) Under construction, more than 50 percent complete	50.0
2024	12	64087		IPP	OE_MS5	MS	64529	OEMS5	200.0		SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	12	66233		IPP	Oliver Wind IV	ND	67502	GEN4	198.8		WND	WT	(L) Regulatory approvals pending. Not under construction	198.8
2024	12	65112		IPP	Pigeon Run Solar Project	VA	64767	TC001	60.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2024	12	66165		IPP	Pome BESS	CA	67299	10101	100.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	100.0
2024	12	65302		IPP	Ponderosa Wind II	OK	66155	GP01	100.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2024	12	64610		IPP	Powells Creek Solar - Hybrid	VA	65305	BESS	17.5		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	17.5
2024	12	65946		IPP	Quartz Solar, LLC	AR	67038	QRTZ	135.0		SUN	PV	(V) Under construction, more than 50 percent complete	135.0
2024	12	65654		IPP	Richland Township Solar, LLC	IL	66630	PV	35.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	35.0
2024	12	64904		IPP	Rexford Solar Farm	CA	64633	20SDB	300.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	300.0
2024	12	64904		IPP	Rexford Solar Farm	CA	64633	20SDB	240.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	240.0
2024	12	66079		IPP	River Trail Solar, LLC	VA	67218	ENX22	20.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2024	12	66352		IPP	SMT Ironman Battery Storage Plant	TX	67737	SMTIR	304.0		MWH	BA	(TS) Construction complete, but not yet in commercial operation	304.0
2024	12	65304		IPP	SR Ailey	GA	66173	AILEY	80.0		SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2024	12	66021		IPP	SR Albany, LLC	TN	67126	ALBNY	4.3		SUN	PV	(T) Regulatory approvals received. Not under construction	4.3
2024	12	66020		IPP	SR Christiana, LLC	TN	67125	CHRIS	3.3		SUN	PV	(T) Regulatory approvals received. Not under construction	3.3
2024	12	66022		IPP	SR Lambert I, LLC	SC	67129	LAMB1	100.0		SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2024	12	63778		IPP	SR Litchfield	CT	64161	LITCH	19.8		SUN	PV	(T) Regulatory approvals received. Not under construction	19.8
2024	12	66011		IPP	SR Monroe, LLC	TN	67133	MONRO	4.8		SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2024	12	66010		IPP	SR Panola I, LLC	MS	67132	PANO1	4.8		SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2024	12	66008		IPP	SR Panola II, LLC	MS	67130	PANO2	4.8		SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2024	12	66009		IPP	SR Panola III, LLC	MS	67131	PANO3	3.5		SUN	PV	(T) Regulatory approvals received. Not under construction	3.5
2024	12	65743		IPP	SR Russellville	KY	66818	RUSVL	173.0		SUN	PV	(T) Regulatory approvals received. Not under construction	173.0
2024	12	66024		IPP	SR Toombs, LLC	GA	67127	TOOM1	250.0		SUN	PV	(T) Regulatory approvals received. Not under construction	250.0
2024	12	66038		IPP	SR Warren, LLC	KY	67164	WARRN	3.5		SUN	PV	(T) Regulatory approvals received. Not under construction	3.5
2024	12	64607		IPP	Salt City Solar Project - Hybrid	OH	65302	BESS	12.5		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	12.5
2024	12	64947		IPP	Sandriini Solar 100	CA	65664	GEN02	200.0		SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	12	64230		IPP	Sanford ESS, LLC	ME	64615	1	5.0		MWH	BA	(T) Regulatory approvals received. Not under construction	5.0
2024	12	65859		IPP	Scarlet II Hybrid	CA	66951	GEN03	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	65859		IPP	Scarlet II Hybrid	CA	66951	GEN04	150.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2024	12	65535		IPP	Schmidt CSG 1	IL	67685	SHMT2	2.0		SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2024	12	66077		IPP	Shifting Sands Solar, LLC	VA	67216	ENX24	18.8		SUN	PV	(L) Regulatory approvals pending. Not under construction	18.8
2024	12	63257		IPP	Solar Carver 1 Hybrid	MA	63541	BCRV1	2.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	12	63257		IPP	Solar Carver 1 Hybrid	MA	63541	SCRV1	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	12	63243		IPP	Solar Carver 3 Hybrid	MA	63506	BCRV3	1.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	1.0
2024	12	63243		IPP	Solar Carver 3 Hybrid	MA	63506	SCRV3	1.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2024	12	64233		IPP	South Portland ESS, LLC	ME	64616	1	10.0		MWH	BA	(T) Regulatory approvals received. Not under construction	10.0
2024	12	64783		IPP	Spanish Peaks Solar	CO	62379	47301	140.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2024	12	63395		IPP	Spencer Solar	MA	63676	SPENC	2.3		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.3
2024	12	66092		IPP	Storey Bend Solar	FL	67209	STOS	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2024	12	63396		IPP	Sturbridge Road Solar	MA	63677	STURB	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	66078		IPP	Sunny Rock Solar, LLC	VA	67217	ENX23	20.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2024	12	64612		IPP	Sunnybrook Solar Project - Hybrid	VA	65307	SUNB	12.5		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	12.5
2024	12	65567		IPP	TX Pasadena 10585 Red Bluff Road Solar	TX	66519	19503	2.3		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.3
2024	12	65568		IPP	TX Sunnyvale 367 Long Creek Road Solar	TX	66520	19644	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	12	66063		IPP	Tupelo Solar	FL	67182	TUPS	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2024	12	61222		IPP	Turkey Creek Solar Project	CO	64744	TC001	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2024	12	64789		IPP	West Memphis Solar, LLC	AR	65482	WMEM1	180.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	180.0
2024	12	65112		IPP	Zenith Solar	VA	64768	TC001	60.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2024	12	56101	AMERESCO Ox Mountain Energy LLC	IPP	Ameresco Ox Mountain	CA	56895	7	2.8		LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	3.0
2024	12	61514	Agilitas Energy, Inc.	IPP	Manorville I	NY	64758	MAN	0.6		SUN	PV	(L) Regulatory approvals pending. Not under construction	0.6
2024	12	61514	Agilitas Energy, Inc.	IPP	Manorville II	NY	64758	MANB	0.8		MWH	BA	(L) Regulatory approvals pending. Not under construction	0.8
2024	12	61514	Agilitas Energy, Inc.	IPP	Patchogue ESS	NY	64761	PAT	2.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	2.0
2024	12	221	Alaska Village Elec. Coop, Inc	Electric Utility	Bethel	AK	6566	8	2.9		DFO	IC	(T) Regulatory approvals received. Not under construction	2.9
2024	12	57079	Ameresco Butte County LLC	IPP	Ameresco Butte County	CA	57771	2	0.2		LFG	OT	(P) Planned for installation, but regulatory approvals not initiated	0.2
2024	12	61711	Ashley Solar (SC)	IPP	Ashley Solar (SC)	SC	62179	21	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	15399	Avangrid Renewables LLC	IPP	True North Solar, LLC	TX	65998	TNS1	237.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	237.5
2024	12	61143	Bridge Energy LLC	Industrial	Blacksand Generating Facility	CA	56090	D191	0.8		NG	GT	(T) Regulatory approvals received. Not under construction	0.8
2024	12	61143	Bridge Energy LLC	Industrial	Blacksand Generating Facility	CA	56090	D192	0.8		NG	GT	(T) Regulatory approvals received. Not under construction	0.8
2024	12	58416	California State University, Northridge	Commercial	CSU Northridge Plant	CA	58422	G6PV	0.7		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	0.8
2024	12	56769	Consolidated Edison Development Inc.	IPP	Alamo 4 BESS	TX	66294	A4BS1	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2024	12	56769	Consolidated Edison Development Inc.	IPP	Alamo 5 BESS 1	TX	66295	A5BS1	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2024	12	56769	Consolidated Edison Development Inc.	IPP	Alamo 5 BESS 2	TX	66296	A5BS2	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2024	12	58135	Ecos Energy LLC	IPP	Apple Hill Solar	VT	61037	APPL	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	12	56201	Engie North America	IPP	Antlia	TX	65588	ANTLA	70.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	70.0
2024	12	56201	Engie North America	IPP	Avila	TX	65860	AVILA	160.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	160.0
2024	12	56201	Engie North America	IPP	Cachi	TX	65861	CACHI	200.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	56201	Engie North America	IPP	Carina	TX	65589	CARNA	150.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2024	12	56201	Engie North America	IPP	Castor	TX	65870	CASTR	200.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	56201	Engie North America	IPP	Desna	TX	65876	DESNA	200.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	56201	Engie North America	IPP	Zeya	TX	65880	ZEYA	250.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	250.0
2024	12	61194	Generate Capital	IPP	9521 US 14 SOLAR 1, LLC	IL	67622	11110	2.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2024	12	61194	Generate Capital	IPP	Goodenow Road West Solar 1, LLC	IL	67625	11112	2.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2024	12	7570	Great River Energy	Electric Utility	Cambridge CT Hybrid	MN	2038	BA1	1.2		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	1.5
2024	12	9273	Indianapolis Power & Light Co	Electric Utility	Pike County Energy Storage	IN	66881	BAT2	200.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	9417	Interstate Power and Light Co	Electric Utility	Duane Arnold Solar II (150MW)	IA	67537	PV1	150.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2024	12	49893	Invenergy Services LLC	IPP	Changing Winds	TX	59243	CHAN1	288.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	288.0
2024	12	49893	Invenergy Services LLC	IPP	Diversion Wind Energy LLC	TX	67601	DIV01	98.6		WND	WT	(TS) Construction complete, but not yet in commercial operation	98.6
2024	12	49893	Invenergy Services LLC	IPP	Diversion Wind Energy LLC	TX	67601	DIV02	102.0		WND	WT	(TS) Construction complete, but not yet in commercial operation	102.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2024	12	49893	Invenery Services LLC	IPP	Hardin Solar Energy II LLC	OH	63828	GEN1	150.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2024	12	49893	Invenery Services LLC	IPP	Maple Flats	IL	66191	65015	250.0		SUN	PV	(V) Under construction, more than 50 percent complete	250.0
2024	12	49893	Invenery Services LLC	IPP	Yum Yum Solar LLC	TN	63026	GEN1	147.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	147.0
2024	12	49893	Invenery Services LLC	IPP	Yuma Solar + Storage	AZ	67321	BESS1	67.0		MWH	BA	(T) Regulatory approvals received. Not under construction	67.0
2024	12	50123	Leeward Asset Management, LLC	IPP	Chaparral Springs	CA	64864	CHAPB	52.0		MWH	BA	(V) Under construction, more than 50 percent complete	52.0
2024	12	50123	Leeward Asset Management, LLC	IPP	Chaparral Springs	CA	64864	CHAPS	102.0		SUN	PV	(V) Under construction, more than 50 percent complete	102.0
2024	12	50123	Leeward Asset Management, LLC	IPP	Chaparral Springs	CA	64864	GEN01	72.0		SUN	PV	(V) Under construction, more than 50 percent complete	72.0
2024	12	50123	Leeward Asset Management, LLC	IPP	Chaparral Springs	CA	64864	WS3BA	36.0		MWH	BA	(V) Under construction, more than 50 percent complete	36.0
2024	12	50123	Leeward Asset Management, LLC	IPP	Morrow Lake Solar	TX	66775	MLPV	200.0		SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	12	50123	Leeward Asset Management, LLC	IPP	Ridgely Energy Farm	TN	65445	RIGPV	254.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	254.0
2024	12	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Second Division Solar	TX	65981	TXSD1	100.0		SUN	PV	(V) Under construction, more than 50 percent complete	100.0
2024	12	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	1	0.6		WAT	HY	(V) Under construction, more than 50 percent complete	0.6
2024	12	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	2	0.6		WAT	HY	(V) Under construction, more than 50 percent complete	0.6
2024	12	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	3	0.2		WAT	HY	(V) Under construction, more than 50 percent complete	0.2
2024	12	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	4	0.2		WAT	HY	(V) Under construction, more than 50 percent complete	0.2
2024	12	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	5	0.6		WAT	HY	(V) Under construction, more than 50 percent complete	0.6
2024	12	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	6	0.6		WAT	HY	(V) Under construction, more than 50 percent complete	0.6
2024	12	61752	Lone Star Solar	IPP	Lone Star Solar	SC	62235	49	66.0		SUN	PV	(V) Under construction, more than 50 percent complete	66.0
2024	12	61752	Lone Star Solar	IPP	Lone Star Solar	SC	62235	50	66.0		MWH	BA	(V) Under construction, more than 50 percent complete	66.0
2024	12	61944	MN8 Energy LLC	IPP	Dynamic - Leeds Solar	ME	67013	GEN1	4.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.9
2024	12	62915	Madison Energy Holdings LLC	IPP	Bartow Davidson	GA	66980	SP319	2.6		SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.6
2024	12	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN10	2.0		NG	IC	(L) Regulatory approvals pending. Not under construction	2.0
2024	12	56990	NJR Clean Energy Ventures Corporation	IPP	Sicklerville Landfill	NJ	67557	SKLDF	2.3		SUN	PV	(V) Under construction, more than 50 percent complete	2.3
2024	12	62759	National Grid Renewables	IPP	Fillmore County Solar Project	MN	67168	FILCO	45.0		SUN	PV	(V) Under construction, more than 50 percent complete	45.0
2024	12	62759	National Grid Renewables	IPP	Louise Solar	MN	67167	LSSLR	50.0		SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2024	12	62759	National Grid Renewables	IPP	Unbridled Solar	KY	67165	UBSLR	160.0		SUN	PV	(V) Under construction, more than 50 percent complete	160.0
2024	12	61227	Nautilus Solar Solutions	IPP	BRNG Nicoloin	ME	67428	SC	3.3		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.3
2024	12	61227	Nautilus Solar Solutions	IPP	Exeter Mail	RI	67411	SC	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	61227	Nautilus Solar Solutions	IPP	KE73	DE	67391	SC	4.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	12	61227	Nautilus Solar Solutions	IPP	Livingston Crossing	MD	67393	SC	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	12	14354	PacifiCorp	Electric Utility	Rock Creek Wind	WY	67769	1	190.0		WWD	WT	(T) Regulatory approvals received. Not under construction	190.0
2024	12	15248	Portland General Electric Co	Electric Utility	Coffee Creek BESS	OR	67698	CCRK1	17.0		MWH	BA	(V) Under construction, more than 50 percent complete	17.0
2024	12	15248	Portland General Electric Co	Electric Utility	Constable BESS	OR	67712	CSTB1	75.0		MWH	BA	(V) Under construction, more than 50 percent complete	75.0
2024	12	56215	RWE Renewables Americas, LLC	IPP	Peyton Creek Wind Farm II	TX	67700	WT2	243.0		WWD	WT	(U) Under construction, less than or equal to 50 percent complete	243.0
2024	12	18454	Tampa Electric Co	Electric Utility	Bullfrog Creek Solar	FL	67203	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2024	12	18454	Tampa Electric Co	Electric Utility	English Creek Solar	FL	66921	1	23.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	23.0
2024	12	18642	Tennessee Valley Authority	Electric Utility	Vonore Battery Energy Storage System	TN	64255	VBESS	20.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	20.0
2024	12	61864	Washington Solar II (SC)	IPP	Washington Solar II (SC)	SC	62344	88	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Auburn Solar WI, LLC	WI	67725	20245	5.0		SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Caledonia Solar WI, LLC	WI	67727	20241	6.0		SUN	PV	(T) Regulatory approvals received. Not under construction	6.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Darien Solar	WI	64534	1	250.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	250.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Hackbarth Solar WI, LLC	WI	67728	20244	5.0		SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	LaFayette Solar WI, LLC	WI	67730	20246	6.0		SUN	PV	(T) Regulatory approvals received. Not under construction	6.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Paris Solar	WI	65967	PSLR1	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Raymond Solar WI, LLC	WI	67731	20242	6.0		SUN	PV	(T) Regulatory approvals received. Not under construction	6.0
2024	12	20856	Wisconsin Power & Light Co	Electric Utility	Nortera Customer Hosted Solar	WI	67539	PV1	1.6		SUN	PV	(V) Under construction, more than 50 percent complete	1.6
2024	12	20856	Wisconsin Power & Light Co	Electric Utility	UW Kegonsa Customer Hosted Solar	WI	67540	PV1	2.3		SUN	PV	(T) Regulatory approvals received. Not under construction	2.3
2024	12	20860	Wisconsin Public Service Corp	Electric Utility	Antigo-Forrest Street Solar Project	WI	67724	20243	6.0		SUN	PV	(T) Regulatory approvals received. Not under construction	6.0
2024	12	60059	ZGlobal Inc	IPP	Lara 2 Hybrid	CA	67234	LARAB	0.9		MWH	BA	(L) Regulatory approvals pending. Not under construction	0.9
2024	12	60059	ZGlobal Inc	IPP	Lara 2 Hybrid	CA	67234	LARAS	0.7		SUN	PV	(L) Regulatory approvals pending. Not under construction	0.7
2025	1	65957		IPP	3715 Oxford RD	NY	67033	20148	3.8		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.8
2025	1	66127		Electric CHP	CHP Plant	DC	67265	CTG-1	5.3		NG	GT	(V) Under construction, more than 50 percent complete	5.7
2025	1	64978		IPP	Carris Storage I	CA	65733	HECAR	10.0		MWH	BA	(V) Under construction, more than 50 percent complete	10.0
2025	1	65442		IPP	Cobalt Solar, LLC	PA	66364	COBAL	20.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2025	1	65651		IPP	Double Back Diamond	IL	66624	DBD	592.8		SUN	PV	(V) Under construction, more than 50 percent complete	592.8
2025	1	65594		IPP	EnerSmart Murray BESS	CA	66755	M01	3.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2025	1	65594		IPP	EnerSmart Murray BESS	CA	66755	M02	3.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2025	1	65594		IPP	EnerSmart Murray BESS	CA	66755	M03	3.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2025	1	65594		IPP	EnerSmart Murray BESS	CA	66755	M04	3.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2025	1	65594		IPP	EnerSmart Murray BESS	CA	66755	M05	3.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2025	1	65594		IPP	EnerSmart Murray BESS	CA	66755	M06	3.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2025	1	65693		IPP	Graceland Solar, LLC	TN	66687	GRA1	150.0		SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2025	1	64937		IPP	Hecate Energy Desert Storage 1 LLC	CA	65635	HEDS1	10.0		MWH	BA	(V) Under construction, more than 50 percent complete	10.0
2025	1	66287		IPP	NY Evans 7690 SW Blvd - SL Evans Array 1	NY	67589	21106	4.3		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.3
2025	1	66287		IPP	NY Evans 7690 SW Blvd - SL Evans Array 2	NY	67590	21107	4.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2025	1	65398		IPP	Peregrine Energy Storage LLC	CA	66286	PERE1	200.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	1	65601		IPP	Wheatridge East Wind	OR	66560	WREW	200.0		WWD	WT	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	1	15399	Avangrid Renewables LLC	IPP	Bakeoven Solar	OR	63507	BOS1	60.0		SUN	PV	(V) Under construction, more than 50 percent complete	60.0
2025	1	15399	Avangrid Renewables LLC	IPP	Daybreak Solar	OR	64974	DBS1	140.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2025	1	59613	BayWa r.e. Solar Projects LLC	IPP	Bluebird Solar LLC	KY	62797	BBIRD	80.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	80.0
2025	1	6452	Florida Power & Light Co	Electric Utility	Big Water	FL	65912	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Fawn	FL	65919	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Fox Trail	FL	65916	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Green Pasture	FL	65918	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Hog Bay	FL	65915	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Holopaw	FL	65922	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Redlands	FL	65914	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Speckled Perch	FL	65913	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Swallowtail	FL	67673	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Thomas Creek	FL	65917	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	1	61194	Generate Capital	IPP	Freeport 18th Solar	IL	67624	11084	2.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2025	1	61194	Generate Capital	IPP	Lilly Pond Road Solar 1, LLC	IL	67623	11111	2.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2025	1	60025	Greenbacker Renewable Energy Corporation	IPP	Stockbridge	NY	67254	781	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	1	34691	Ormat Nevada Inc	IPP	Beowawe	NV	10287	BWSOL	5.8		SUN	PV	(T) Regulatory approvals received. Not under construction	5.8

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2025	1	18315	Sunflower Electric Power Corp	Electric Utility	Russell	KS	67320	1	20.0		SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2025	1	18454	Tampa Electric Co	Electric Utility	Lake Mabel Storage	FL	66641	BESS1	40.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	40.0
2025	1	57313	Tesla Inc.	Industrial	Fremont CA AutoFactory	CA	65072	VSR5	0.4		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	0.4
2025	1	20856	Wisconsin Power & Light Co	Electric Utility	Janesville Community Solar	WI	67705	PV1	2.3		SUN	PV	(T) Regulatory approvals received. Not under construction	2.3
2025	1	20856	Wisconsin Power & Light Co	Electric Utility	Rock County Customer Hosted Solar	WI	67704	PV1	1.4		SUN	PV	(T) Regulatory approvals received. Not under construction	1.4
2025	2	65819		IPP	Ables Springs Solar & Storage	TX	66905	BESS	100.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	100.0
2025	2	65819		IPP	Ables Springs Solar & Storage	TX	66905	SOLAR	151.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	151.0
2025	2	65869		IPP	CPA Wilmington 1	CA	66959	PE001	1.8		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.8
2025	2	65805		IPP	GulfStar Power, LLC	TX	66871	BESS	300.0		MWH	BA	(V) Under construction, more than 50 percent complete	300.0
2025	2	65805		IPP	GulfStar Power, LLC	TX	66871	SOLAR	451.6		SUN	PV	(V) Under construction, more than 50 percent complete	451.6
2025	2	64370		IPP	IP Radian, LLC	TX	64859	RADBA	160.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	160.0
2025	2	65947		IPP	Northern Orchard Solar PV, LLC	CA	67039	NO1	150.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	2	65947		IPP	Northern Orchard Solar PV, LLC	CA	67039	NOBAT	92.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	92.0
2025	2	65535		IPP	SV CSG Bishop 1 LLC	IL	67684	BSPH1	2.0		SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2025	2	64936		IPP	San Jacinto Grid, LLC	CA	65657	HESJG	65.0		MWH	BA	(V) Under construction, more than 50 percent complete	65.0
2025	2	60025	Greenbacker Renewable Energy Corporation	IPP	Panther Creek Wind Project	IL	63907	WTGE	54.4		WND	WT	(T) Regulatory approvals received. Not under construction	54.4
2025	2	18454	Tampa Electric Co	Electric Utility	Wimauma Storage	FL	66640	BESS1	40.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	40.0
2025	3	65777		IPP	Aspen Road Solar	PA	66838	ASPR1	106.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.1
2025	3	66064		IPP	Bexar ESS	TX	66400	OCBEX	100.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	100.0
2025	3	65512		IPP	CA Bloomington 2551 S Lilac Avenue Micro	CA	66475	B8263	1.5		SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2025	3	65512		IPP	CA Bloomington 2551 S Lilac Avenue Micro	CA	66475	B8263	1.5		MWH	BA	(V) Under construction, more than 50 percent complete	1.5
2025	3	65813		IPP	CES Electron Farm One, LLC	CA	66892	CNFT1	4.4		SUN	PV	(T) Regulatory approvals received. Not under construction	4.4
2025	3	64994		IPP	Canyonville Solar LLC (CSG)	OR	66340	ECV1	2.5		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.5
2025	3	65594		IPP	EnerSmart El Cajon BESS	CA	66754	EC01	3.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	3.0
2025	3	65594		IPP	EnerSmart Mesa Heights Sub Station	CA	66552	MH162	3.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	3.0
2025	3	64994		IPP	Longleaf Pine Solar LLC	NC	66352	PV1	5.0		SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2025	3	65789		IPP	Marion County Solar Project	OH	66860	USMNC	100.0		SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2025	3	66094		IPP	Matrix Pleasant Valley	ID	67211	MRPV	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	3	65959		IPP	NY SHERMAN 191 W MAIN ST - SL 2	NY	67035	21109	5.0		SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2025	3	66316		IPP	Northumberland Solar 1	PA	67675	ENX33	65.0		SUN	PV	(T) Regulatory approvals received. Not under construction	65.0
2025	3	64935		IPP	Ortega Grid, LLC	CA	65656	HEORG	20.0		MWH	BA	(V) Under construction, more than 50 percent complete	20.0
2025	3	65071		IPP	SloughHouse Solar, LLC	CA	65807	SHS	50.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.0
2025	3	66337		IPP	TAG	NM	67710	TAGB1	50.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	50.0
2025	3	66337		IPP	TAG	NM	67710	TAGS1	140.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2025	3	65427		IPP	Tidwell Prairie Storage 1	TX	66337	SGES1	200.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	3	66386		IPP	Tres Margaritas Solar	TX	67789	GRS6	61.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	61.0
2025	3	66336		IPP	WPWP	KS	67722	WPWP	307.2		WND	WT	(V) Under construction, more than 50 percent complete	307.2
2025	3	64994		IPP	Williams Solar LLC	NC	66356	PV1	5.0		SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2025	3	60798	69SV 8me LLC	IPP	Eland Solar & Storage Center, Phase 2 Hybrid	CA	61169	61169	150.0		MWH	BA	(T) Regulatory approvals received. Not under construction	150.0
2025	3	60798	69SV 8me LLC	IPP	Eland Solar & Storage Center, Phase 2 Hybrid	CA	61169	69SV8	200.0		SUN	PV	(T) Regulatory approvals received. Not under construction	200.0
2025	3	15399	Avangrid Renewables LLC	IPP	Camino Solar Hybrid	CA	63508	CSPV1	44.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	44.0
2025	3	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	31	18.3		NG	IC	(V) Under construction, more than 50 percent complete	18.8
2025	3	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	32	18.3		NG	IC	(V) Under construction, more than 50 percent complete	18.8
2025	3	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	33	18.3		NG	IC	(V) Under construction, more than 50 percent complete	18.8
2025	3	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	34	18.3		NG	IC	(V) Under construction, more than 50 percent complete	18.8
2025	3	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	35	18.3		NG	IC	(V) Under construction, more than 50 percent complete	18.8
2025	3	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	36	18.3		NG	IC	(V) Under construction, more than 50 percent complete	18.8
2025	3	61060	Cypress Creek Renewables	IPP	Gillard	IL	67637	GILLD	5.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	3	61060	Cypress Creek Renewables	IPP	Kinglet	VA	67647	KINGL	5.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	3	61194	Generate Capital	IPP	Krumkill Road Solar North, LLC	NY	67615	11086	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	3	60025	Greenbacker Renewable Energy Corporation	IPP	Lobelia 1	IL	67256	811	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	3	60025	Greenbacker Renewable Energy Corporation	IPP	Tully 1	IL	67255	814	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	3	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Richmond 8 Solar Park	IN	66748	RIC8	6.1		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	6.1
2025	3	50123	Leeward Asset Management, LLC	IPP	Ridgely Energy Farm	TN	65445	RBESS	50.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	50.0
2025	3	34691	Ormat Nevada Inc	IPP	McGinness Hills 3	NV	61912	MHSOL	14.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	14.0
2025	3	5624	RED-Rochester, LLC	Industrial	RED-Rochester, LLC	NY	10025	49CTG	36.0		NG	GT	(V) Under construction, more than 50 percent complete	42.0
2025	3	60520	SoCore Energy LLC	IPP	Jericho Gravel Solar Farm	VT	67830	PV1	2.0		SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2025	3	60520	SoCore Energy LLC	IPP	Jericho Landfill Solar Farm	VT	67831	PV1	2.0		SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2025	4	65997		IPP	Amite Solar, LLC	LA	67088	AMITE	100.0		SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2025	4	66422		IPP	Arrowleaf Solar and Storage	CA	67850	ALBS1	35.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	35.0
2025	4	66422		IPP	Arrowleaf Solar and Storage	CA	67850	ALS1	42.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	42.0
2025	4	65673		IPP	Blackwell Test Facility, LLC	CA	66648	BLKWL	2.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	2.0
2025	4	65559		IPP	CA Riverside 2356 Fleetwood Dr.	CA	66511	18262	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	4	65559		IPP	CA Riverside 2356 Fleetwood Dr.	CA	66511	B8262	2.0		MWH	BA	(V) Under construction, more than 50 percent complete	2.0
2025	4	65869		IPP	CPA 2132 E Dominguez	CA	66957	PE901	1.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2025	4	64545		IPP	Homet Solar (TX)	TX	65463	HRNET	600.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	600.0
2025	4	65777		IPP	Jones Farm Solar	MD	66842	JONF1	64.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	64.0
2025	4	66317		IPP	Kola Energy Center	CA	67680	KOLA	400.0		MWH	BA	(V) Under construction, more than 50 percent complete	400.0
2025	4	66304		IPP	MD BALTIMORE 4851 HOLABIRD AVE	MD	67671	21376	1.8		SUN	PV	(T) Regulatory approvals received. Not under construction	1.8
2025	4	64904		IPP	McFarland C	AZ	67498	MCFRC	185.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	185.0
2025	4	66423		IPP	Montague Energy Storage	NJ	67851	MONT1	20.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	20.0
2025	4	66405		IPP	Mordor ES1	CA	67828	MES1	25.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	25.0
2025	4	66406		IPP	Mordor ES2	CA	67829	MES2	20.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	20.0
2025	4	66279		IPP	NV - Nokomis - CHI	NV	67591	CHINV	3.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2025	4	66321		IPP	NY FONDA 182 BOSHART RD - Montgomery 1	NY	67679	21601	5.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	4	65088		IPP	Nighthawk Energy Storage, LLC	CA	65889	BESS	300.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	300.0
2025	4	65081		IPP	Oriana Solar LLC	TX	65849	ORIPV	180.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	180.0
2025	4	66365		IPP	Rosamond South 1	CA	67764	RBESS	117.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	117.0
2025	4	66365		IPP	Rosamond South 1	CA	67764	RS1	140.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2025	4	65535		IPP	SV CSG Plato Solar 1 LLC	IL	67683	PLATO	4.3		SUN	PV	(T) Regulatory approvals received. Not under construction	4.3
2025	4	64778		IPP	Scatter Wash 1	AZ	67454	SW1	170.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	170.0
2025	4	66348		IPP	Silver State South Storage	NV	67734	SSSB	200.0		MWH	BA	(T) Regulatory approvals received. Not under construction	200.0
2025	4	65082		IPP	Talitha Energy Project, LLC	TX	65891	TALPV	131.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	131.0
2025	4	65703		IPP	Winfield Solar	MO	66696	WINSP	167.0		SUN	PV	(T) Regulatory approvals received. Not under construction	167.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2025	4	61012	AES Distributed Energy	IPP	AES Waiawa Phase 2 Solar	HI	66066	WAIBA	30.0		MWH	BA	(V) Under construction, more than 50 percent complete	30.0
2025	4	61012	AES Distributed Energy	IPP	AES Waiawa Phase 2 Solar	HI	66066	WAIPV	30.0		SUN	PV	(V) Under construction, more than 50 percent complete	30.0
2025	4	56769	Consolidated Edison Development Inc.	IPP	Peregrine Solar	TX	65979	PSPV	300.0		SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2025	4	59774	Crawfordsville Energy LLC	IPP	Crawfordsville Power Plant	IN	1024		8	16.3	NG	CS	(T) Regulatory approvals received. Not under construction	16.3
2025	4	5109	DTE Electric Company	Electric Utility	Polaris Solar Park	MI	67757	PLRSP	100.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
2025	5	66354		IPP	Anole Energy Storage	TX	67740	AES	240.0		MWH	BA	(V) Under construction, more than 50 percent complete	240.0
2025	5	64244		IPP	Big Rock Solar Farm	CA	64636	92JB	200.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	5	65270		IPP	Blue Elk 1 Solar, LLC	MI	66107	BEI	20.0		SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2025	5	65515		IPP	CA Moss Landing 3040 Hilltop Rd	CA	66510	19616	1.2		SUN	PV	(T) Regulatory approvals received. Not under construction	1.2
2025	5	65515		IPP	CA Moss Landing 3040 Hilltop Rd	CA	66510	B9616	1.0		MWH	BA	(T) Regulatory approvals received. Not under construction	1.0
2025	5	65936		IPP	CPV Backbone Solar	MD	67022	BB1	160.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	175.0
2025	5	66292		IPP	Desert Willow Energy Storage	TX	67598	DWES	150.0		MWH	BA	(V) Under construction, more than 50 percent complete	150.0
2025	5	66217		IPP	Harquahala 2	AZ	67474	BESS1	150.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	5	66217		IPP	Harquahala 2	AZ	67474	PV1	150.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	5	66210		IPP	Lane City Wind	TX	67443	LCW1	202.5		WND	WT	(U) Under construction, less than or equal to 50 percent complete	202.5
2025	5	65445		IPP	MRG Goody Solar Project Hybrid	TX	66390	GDYES	50.4		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.4
2025	5	65445		IPP	MRG Goody Solar Project Hybrid	TX	66390	GDYPV	171.7		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	171.7
2025	5	65920		IPP	Magnolia Power	LA	67005	MAGU1	678.7		NG	CS	(V) Under construction, more than 50 percent complete	722.9
2025	5	65081		IPP	Oriana Solar LLC	TX	65849	ORIBS	61.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	61.0
2025	5	65751		IPP	Papago Energy Storage	AZ	66779	PPABA	300.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	300.0
2025	5	65114		IPP	Rocking R Solar, LLC	LA	65941	RRS	72.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	72.5
2025	5	64778		IPP	Scatter Wash 2	AZ	67455	SW2	85.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	85.0
2025	5	61012	AES Distributed Energy	IPP	AES Mountain View Solar	HI	66002	MVSB	7.0		MWH	BA	(V) Under construction, more than 50 percent complete	7.0
2025	5	61012	AES Distributed Energy	IPP	AES Mountain View Solar	HI	66002	MVSPV	7.0		SUN	PV	(V) Under construction, more than 50 percent complete	7.0
2025	5	796	Arizona Electric Pwr Coop Inc	Electric Utility	Apache Station	AZ	160	GT5	37.9		NG	GT	(T) Regulatory approvals received. Not under construction	41.4
2025	5	796	Arizona Electric Pwr Coop Inc	Electric Utility	Apache Station	AZ	160	GT6	37.9		NG	GT	(T) Regulatory approvals received. Not under construction	41.4
2025	5	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	05	210.2		NG	GT	(V) Under construction, more than 50 percent complete	245.7
2025	5	2719	CalWind Resources Inc	IPP	Tehachapi Wind Resource II	CA	54909	PLAN	15.5		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	15.5
2025	5	56769	Consolidated Edison Development Inc.	IPP	Peregrine BESS 1	TX	66301	PGBS1	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	5	56769	Consolidated Edison Development Inc.	IPP	Peregrine BESS 2	TX	66302	PGBS2	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	5	62733	Cranberry Point Energy Storage LLC	IPP	Cranberry Point Energy Storage	MA	62844	NA	150.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	5	61060	Cypress Creek Renewables	IPP	Solitude	IL	67643	SOLIT	5.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	5	61060	Cypress Creek Renewables	IPP	Towanda	IL	67644	TWNSA	5.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	5	61060	Cypress Creek Renewables	IPP	Varnsen	IL	67645	TWNDA	5.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	5	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Tipton 2 Solar Park	IN	66937	TIPT2	2.7		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.7
2025	5	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Veedersburg Solar Park	IN	66938	VEED	1.4		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.4
2025	5	9417	Interstate Power and Light Co	Electric Utility	Creston School Customer Hosted Solar	IA	67702	PV1	1.4		SUN	PV	(V) Under construction, more than 50 percent complete	1.4
2025	5	9417	Interstate Power and Light Co	Electric Utility	Grinnell Customer Hosted Solar	IA	67703	PV1	5.0		SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	5	49893	Invenergy Services LLC	IPP	Alle-Catt Wind Energy LLC	NY	62954	GEN1	340.0		WND	WT	(U) Under construction, less than or equal to 50 percent complete	340.0
2025	5	15500	Puget Sound Energy Inc	IPP	Beaver Creek Wind Facility	MT	65019	BCW2	16.8		WND	WT	(U) Under construction, less than or equal to 50 percent complete	62.0
2025	5	15500	Puget Sound Energy Inc	IPP	Beaver Creek Wind Facility	MT	65019	BCW3	16.8		WND	WT	(U) Under construction, less than or equal to 50 percent complete	62.0
2025	5	17633	Southern Indiana Gas & Elec Co	Electric Utility	A B Brown	IN	6137	6	226.5		NG	GT	(V) Under construction, more than 50 percent complete	248.3
2025	5	17633	Southern Indiana Gas & Elec Co	Electric Utility	A B Brown	IN	6137	7	226.5		NG	GT	(V) Under construction, more than 50 percent complete	248.3
2025	5	17633	Southern Indiana Gas & Elec Co	Electric Utility	Posey Solar	IN	66780	1	173.1		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	191.0
2025	6	65759		IPP	Ash Creek Solar	TX	66774	78663	408.9		SUN	PV	(T) Regulatory approvals received. Not under construction	408.9
2025	6	64787		IPP	Axial Basin Solar	CO	65480	CO505	145.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	145.0
2025	6	64739		IPP	Black Walnut Energy Storage LLC	CA	65396	BW1	15.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	15.0
2025	6	65761		IPP	Elevate Arthur Kill	NY	66785	ELVAK	15.1		MWH	BA	(L) Regulatory approvals pending. Not under construction	15.1
2025	6	65762		IPP	Elevate Middletown	CT	66786	ELVMT	275.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	275.0
2025	6	66359		IPP	Fort Duncan BESS	TX	67752	FTDUN	102.6		MWH	BA	(L) Regulatory approvals pending. Not under construction	102.6
2025	6	65961		IPP	Grimes County Solar	TX	67046	GS1	210.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	210.0
2025	6	66070		IPP	Homshadow Solar II, LLC	UT	67511	HSZES	50.0		MWH	BA	(T) Regulatory approvals received. Not under construction	50.0
2025	6	66070		IPP	Homshadow Solar II, LLC	UT	67511	HS2L	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	6	66059		IPP	Homshadow Solar, LLC	UT	67497	HSESS	25.0		MWH	BA	(T) Regulatory approvals received. Not under construction	25.0
2025	6	66059		IPP	Homshadow Solar, LLC	UT	67497	HSL	100.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
2025	6	64970		IPP	Humidor Storage I	CA	65703	HEHUM	300.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	300.0
2025	6	65792		Commercial	ITT Cogen Facility	IL	52021	GEN3	4.1		NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.1
2025	6	65792		Commercial	ITT Cogen Facility	IL	52021	GEN4	4.1		NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.1
2025	6	66265		IPP	Kuna BESS	ID	67549	1	150.0		MWH	BA	(T) Regulatory approvals received. Not under construction	150.0
2025	6	63576		IPP	MEC North	MI	63911	MECN	500.0		NG	CS	(T) Regulatory approvals received. Not under construction	500.0
2025	6	63577		IPP	MEC South	MI	63912	MECS	500.0		NG	CS	(L) Regulatory approvals pending. Not under construction	500.0
2025	6	65627		IPP	NRG THW GT Electric Generating Station	TX	66601	GT61	204.0		NG	GT	(T) Regulatory approvals received. Not under construction	188.7
2025	6	65627		IPP	NRG THW GT Electric Generating Station	TX	66601	GT62	204.0		NG	GT	(T) Regulatory approvals received. Not under construction	188.7
2025	6	66095		IPP	OCI Stillhouse Solar	TX	65894	OCISS	210.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	210.0
2025	6	63524		IPP	Raceway Solar	DE	63846	RACE	50.0		SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2025	6	64587		IPP	Renegade Solar Project (Dawn)	TX	65310	DAWN1	515.0		SUN	PV	(T) Regulatory approvals received. Not under construction	515.0
2025	6	64994		IPP	Rhubarb One SC	SC	59596	PV1	9.6		SUN	PV	(L) Regulatory approvals pending. Not under construction	9.6
2025	6	66019		IPP	SR Blount, LLC	TN	67124	BLOUN	1.5		SUN	PV	(T) Regulatory approvals received. Not under construction	1.5
2025	6	66226		IPP	Serrano	AZ	67503	GEN01	170.0		SUN	PV	(V) Under construction, more than 50 percent complete	170.0
2025	6	66226		IPP	Serrano	AZ	67503	GEN02	213.8		MWH	BA	(V) Under construction, more than 50 percent complete	213.8
2025	6	66152		IPP	Sun Streams 4	AZ	67291	GEN01	300.0		SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2025	6	66152		IPP	Sun Streams 4	AZ	67291	GEN02	300.0		MWH	BA	(V) Under construction, more than 50 percent complete	300.0
2025	6	64545		IPP	TX Nazareth Solar	TX	67575	NZRTH	201.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	201.0
2025	6	65173		IPP	USS Golden Spike Solar LLC	MN	67546	USGSP	1.0		SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
2025	6	66320		IPP	White Tail Solar	MI	67678	WTS	140.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	140.0
2025	6	64457		IPP	Woodstock Solar One	CT	65139	VCP19	3.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2025	6	65329		IPP	Yaupon Solar Project (Hybrid)	TX	66216	BESS	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	6	65329		IPP	Yaupon Solar Project (Hybrid)	TX	66216	SOL	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	6	66061		IPP	Yeoman Creek	IL	61910	YEOM	7.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	7.0
2025	6	15399	Avangrid Renewables LLC	IPP	Powell Creek Solar	OH	65997	PCS1	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	6	4254	Consumers Energy Co - (MI)	Electric Utility	Muskegon Solar	MI	65572	MSP	250.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2025	6	5248	Dominion Energy Inc.	Electric Utility	Bookers Mill Solar	VA	66314	BMSO	127.0		SUN	PV	(V) Under construction, more than 50 percent complete	127.0
2025	6	61194	Generate Capital	IPP	Trenton East	IL	67626	11060	2.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2025	6	61194	Generate Capital	IPP	Trenton West	IL	67627	11061	2.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2025	6	61001	Hu Honua Bioenergy, LLC	IPP	Hu Honua Bioenergy Facility	HI	61364	HHB	32.0		OBS	ST	(V) Under construction, more than 50 percent complete	36.0
2025	6	9191	Idaho Power Co	Electric Utility	Happy Valley Battery Storage	ID	67573	HPVY	82.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	82.0
2025	6	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Winamac Solar Park	IN	66939	WINA	3.3		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.3
2025	6	50123	Leeward Asset Management, LLC	IPP	Union Ridge Solar	OH	65338	UNIS1	108.0		SUN	PV	(T) Regulatory approvals received. Not under construction	108.0
2025	6	13902	NorthWestern Energy (MT Hydro)	Electric Utility	Hauser	MT	2185	HAU10	3.5		WAT	HY	(U) Under construction, less than or equal to 50 percent complete	3.5
2025	6	15248	Portland General Electric Co	Electric Utility	Seaside BESS	OR	67711	SESD1	200.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	7	65079		IPP	Flag City Solar	TX	65844	FCSPV	167.3		SUN	PV	(L) Regulatory approvals pending. Not under construction	167.3
2025	7	65096		IPP	Hatchery Solar	NY	65901	6	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	7	65079		IPP	Lunis Creek Solar and BESS SLF	TX	65852	LUNBS	621.4		MWH	BA	(L) Regulatory approvals pending. Not under construction	621.4
2025	7	65079		IPP	Lunis Creek Solar and BESS SLF	TX	65852	LUNPV	617.1		SUN	PV	(L) Regulatory approvals pending. Not under construction	617.1
2025	7	64684		IPP	Mulligan Solar, LLC	IL	65349	MLGA2	40.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	40.0
2025	7	65958		IPP	NY SHERMAN 176 W MAIN ST - SL 1	NY	67034	21104	4.7		SUN	PV	(TS) Construction complete, but not yet in commercial operation	4.7
2025	7	64953		IPP	Putnam Meadow Solar Station	CT	65710	PTNM	4.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2025	7	66076		IPP	Sun Ridge Solar, LLC	VA	67215	ENX25	50.0		SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2025	7	65079		IPP	Tehuacana Creek 1 Solar and BESS	TX	65855	TE1BS	418.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	418.0
2025	7	65079		IPP	Tehuacana Creek 1 Solar and BESS	TX	65855	TE1PV	836.8		SUN	PV	(L) Regulatory approvals pending. Not under construction	836.8
2025	7	64808		IPP	Verizon Comms Garage Top Solar Project	CA	65507	VCGSP	2.3		SUN	PV	(V) Under construction, more than 50 percent complete	2.3
2025	7	63492		IPP	West River Solar, LLC	NC	63806	PGR28	40.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	40.0
2025	7	61012	AES Distributed Energy	IPP	Glen Canyon Solar A, LLC	UT	66484	GCA	95.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	95.0
2025	7	11135	City of Logan - (UT)	Electric Utility	Logan City 2	UT	67445	1	2.5		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	2.5
2025	7	11135	City of Logan - (UT)	Electric Utility	Logan City 2	UT	67445	2	2.5		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	2.5
2025	7	13157	City of Omaha	Commercial	Papillion Creek Wastewater	NE	55027	1600C	2.4		NG	IC	(L) Regulatory approvals pending. Not under construction	2.5
2025	7	13157	City of Omaha	Commercial	Papillion Creek Wastewater	NE	55027	1600D	2.4		NG	IC	(L) Regulatory approvals pending. Not under construction	2.5
2025	7	61060	Cypress Creek Renewables	IPP	Bear Ridge	NY	67650	BEARR	93.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	93.0
2025	7	61060	Cypress Creek Renewables	IPP	Leatherleaf	NY	67639	LLEAF	5.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	7	17539	Dominion Energy South Carolina, Inc	Electric Utility	Parr GT	SC	3291	GT5	40.3		NG	GT	(T) Regulatory approvals received. Not under construction	65.4
2025	7	17539	Dominion Energy South Carolina, Inc	Electric Utility	Parr GT	SC	3291	GT6	40.3		NG	GT	(T) Regulatory approvals received. Not under construction	65.4
2025	7	61194	Generate Capital	IPP	Dakota Solar 1, LLC	IL	67614	11113	2.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2025	7	11208	Los Angeles Department of Water & Power	Electric Utility	Intermountain Power Project	UT	6481	3	420.0		NG	CS	(P) Planned for installation, but regulatory approvals not initiated	420.0
2025	7	11208	Los Angeles Department of Water & Power	Electric Utility	Intermountain Power Project	UT	6481	4	420.0		NG	CS	(P) Planned for installation, but regulatory approvals not initiated	420.0
2025	7	58489	OCI Solar Power	IPP	OCI Lone Sun	TX	66399	OCLLS	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	7	62936	TREX US Red Holly LLC	IPP	TREX US Red Holly	TX	63202	701-S	50.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	50.0
2025	7	18454	Tampa Electric Co	Electric Utility	South Tampa Resiliency Project	FL	66920	MPS01	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	7	18454	Tampa Electric Co	Electric Utility	South Tampa Resiliency Project	FL	66920	MPS02	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	7	18454	Tampa Electric Co	Electric Utility	South Tampa Resiliency Project	FL	66920	MPS03	18.8		NG	IC	(T) Regulatory approvals received. Not under construction	18.8
2025	7	18454	Tampa Electric Co	Electric Utility	South Tampa Resiliency Project	FL	66920	MPS04	18.8		NG	IC	(T) Regulatory approvals received. Not under construction	18.8
2025	7	57313	Tesla Inc.	Industrial	Austin TX GigaFactory	TX	65070	A04	2.3		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.3
2025	8	66387		IPP	Babacomari Solar	AZ	67797	BS	160.0		SUN	PV	(T) Regulatory approvals received. Not under construction	160.0
2025	8	64842		IPP	Baron Winds II	NY	65513	BRNW2	113.2		WND	WT	(L) Regulatory approvals pending. Not under construction	113.2
2025	8	65165		IPP	Boulder Flats Solar	NV	65977	BF1PV	131.0		SUN	PV	(V) Under construction, more than 50 percent complete	113.0
2025	8	66107		IPP	Came Energy Storage, LLC	NM	67230	CS	130.0		MWH	BA	(T) Regulatory approvals received. Not under construction	130.0
2025	8	65639		IPP	Cross Town Energy Storage	ME	66606	CROS1	175.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	175.0
2025	8	65777		IPP	Egypt Road Solar	MD	66840	EGYR1	51.1		SUN	PV	(T) Regulatory approvals received. Not under construction	51.1
2025	8	63832		IPP	Hecate Energy Harley Hand Solar LLC	TX	64234	19936	514.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	514.0
2025	8	66377		IPP	Itsee Solar	TX	67780	GRS17	53.3		SUN	PV	(L) Regulatory approvals pending. Not under construction	53.3
2025	8	65815		IPP	Midpoint Solar, LLC	TX	66897	MIDBA	52.2		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	52.2
2025	8	65815		IPP	Midpoint Solar, LLC	TX	66897	MIDPV	104.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	104.0
2025	8	66080		IPP	Prairie Solar, LLC (VA)	VA	67219	ENX21	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	8	66141		IPP	Solar PV Development NM 18 II LLC	NM	67260	SPD	130.0		SUN	PV	(T) Regulatory approvals received. Not under construction	130.0
2025	8	65476		IPP	Tokio Solar	TX	66397	TOKIO	158.1		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	175.0
2025	8	11135	City of Logan - (UT)	Electric Utility	Logan City 2	UT	67445	3	2.5		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	2.5
2025	8	11135	City of Logan - (UT)	Electric Utility	Logan City 2	UT	67445	4	2.5		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	2.5
2025	8	6455	Duke Energy Florida, LLC	Electric Utility	Sundance Renewable Energy Center	FL	67692	68049	74.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.9
2025	8	62856	Forefront Power, LLC	IPP	CA-Ventura County CCD-Ventura College	CA	65527	17024	2.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	8	60025	Greenbacker Renewable Energy Corporation	IPP	Cherry Valley	IL	67253	761	12.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	12.5
2025	8	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Big Elk Solar	NE	66113	NEBE1	100.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G1	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G10	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G2	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G3	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G4	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G5	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G6	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G7	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G8	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G9	18.8		NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	8	62650	Victorville Energy Center, LLC	Industrial	Victorville Energy Center, LLC (CA)	CA	62726	1	20.1		WH	ST	(P) Planned for installation, but regulatory approvals not initiated	20.1
2025	9	63965		IPP	Badger Wind, LLC	ND	64342	5555	250.0		WND	WT	(T) Regulatory approvals received. Not under construction	250.0
2025	9	66053		IPP	Beehive Energy Storage	AZ	67184	BHV1	250.0		MWH	BA	(T) Regulatory approvals received. Not under construction	250.0
2025	9	63421		IPP	Biggs Ford Solar Center	MD	61321	BFSC	15.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	15.0
2025	9	66370		IPP	Braswell Solar	TX	67772	GRS9	44.2		SUN	PV	(L) Regulatory approvals pending. Not under construction	44.2
2025	9	65102		IPP	Clear View Solar	NY	65931	3	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	9	64172		IPP	Elliot Solar LLC	IN	64904	1	200.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	9	65982		IPP	Flat Fork Solar	AR	67076	FFOR1	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	9	66378		IPP	Lampe Solar	TX	67781	GRS7	60.2		SUN	PV	(L) Regulatory approvals pending. Not under construction	60.2
2025	9	66420		IPP	Luna Valley	CA	67848	LVPV	200.0		SUN	PV	(T) Regulatory approvals received. Not under construction	200.0
2025	9	64674		IPP	Noria Hondo Solar (Hybrid)	TX	65344	66148	145.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	145.0
2025	9	64674		IPP	Noria Hondo Solar (Hybrid)	TX	65344	66149	75.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	75.0
2025	9	66027		IPP	Revolution Wind	RI	65500	REVVD	715.0		WND	WS	(L) Regulatory approvals pending. Not under construction	715.0
2025	9	65777		IPP	Spring Grove Solar 2	VA	66844	SPRG2	194.9		SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2025	9	66381		IPP	Ventures BESS	TX	67783	GRS12	226.8		MWH	BA	(L) Regulatory approvals pending. Not under construction	226.8
2025	9	64858		IPP	Windhub Solar B, LLC	CA	59969	GEN01	20.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2025	9	61421	LeGore Bridge Solar Center, LLC	IPP	LeGore Bridge Solar Center	MD	61796	LGBSC	20.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2025	9	12796	Monongahela Power Co	Electric Utility	Wylie Ridge Solar	WV	66901	WRS	8.4		SUN	PV	(U) Under construction, less than or equal to 50 percent	

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2025	9	14354	PacifiCorp	Electric Utility	Rock Creek Wind	WY	67769	II	400.0		WND	WT	(T) Regulatory approvals received. Not under construction	400.0
2025	9	15500	Puget Sound Energy Inc	IPP	Beaver Creek Wind Facility	MT	65019	BCW1	16.8		WND	WT	(U) Under construction, less than or equal to 50 percent complete	62.0
2025	9	15500	Puget Sound Energy Inc	IPP	Beaver Creek Wind Facility	MT	65019	BCW4	16.8		WND	WT	(U) Under construction, less than or equal to 50 percent complete	62.0
2025	10	63825		IPP	Aratina Solar Center 2	CA	64215	45MGA	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	10	63825		IPP	Aratina Solar Center 2	CA	64215	45MGB	200.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	10	64904		IPP	Baldy Mesa Solar & Storage	CA	66598	BDMSS	75.0		MWH	BA	(V) Under construction, more than 50 percent complete	75.0
2025	10	64904		IPP	Baldy Mesa Solar & Storage	CA	66598	BLDMS	150.0		SUN	PV	(V) Under construction, more than 50 percent complete	150.0
2025	10	65179		IPP	Brogdon Family Solar Park	SC	66012	BROGD	65.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	65.0
2025	10	63726		IPP	Forest Grove - Dodd	TX	64131	ESS1	1.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	1.0
2025	10	65103		IPP	Highbanks Solar	NY	65934	7	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	10	65562		IPP	MA Lanesboro S. Main St.	MA	66514	18233	4.2		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.2
2025	10	65562		IPP	MA Lanesboro S. Main St.	MA	66514	B8233	2.5		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	2.5
2025	10	65871		IPP	MPW Solar 1	IA	66978	MS1	24.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	24.0
2025	10	65550		IPP	Menifee Power Bank	CA	66494	NOVA5	55.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	60.0
2025	10	66250		IPP	Milagro Solar I	NM	67528	MLRBS	75.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	75.0
2025	10	66250		IPP	Milagro Solar I	NM	67528	MLRPV	150.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2025	10	64581		IPP	OE_FL10	FL	65290	OFL10	74.9		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.9
2025	10	66002		IPP	Pastoria Solar	CA	67105	CPP01	105.2		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	105.2
2025	10	65124		IPP	Plum Nellie Wind Farm LLC	KS	65948	PNW01	201.6		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	201.6
2025	10	66169		IPP	Pluto Energy Storage	AZ	67328	PLUTO	75.0		MWH	BA	(T) Regulatory approvals received. Not under construction	75.0
2025	10	63599		IPP	Pure Hedge LLC	CT	50736	FSS13	20.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	20.0
2025	10	63599		IPP	Pure Hedge LLC	CT	50736	FSS17	70.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	70.0
2025	10	64347		IPP	Silver Queen Wind Farm	IA	64835	NA	252.0		WND	WT	(L) Regulatory approvals pending. Not under construction	252.0
2025	10	15399	Avangrid Renewables LLC	IPP	Mohawk Solar	NY	64253	S1	90.5		SUN	PV	(L) Regulatory approvals pending. Not under construction	90.5
2025	10	56769	Consolidated Edison Development Inc.	IPP	Burt County Wind	NE	61511	BCNE	75.0		WND	WT	(L) Regulatory approvals pending. Not under construction	75.0
2025	10	56769	Consolidated Edison Development Inc.	IPP	Switchgrass Solar, LLC	VA	66124	SSPV	70.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	70.0
2025	10	61785	EDP Renewables North America LLC	IPP	Saddle Mountain East Wind Farm	WA	62263	GEN1	126.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	126.0
2025	10	5701	El Paso Electric Co	Electric Utility	Felina	TX	67177	PV150	150.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	153.0
2025	10	49805	Kennecott Utah Copper	Industrial	Copperton Solar Plant No. 1	UT	64427	CSP2	11.5		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	25.0
2025	10	61525	TAI Norton Solar LLC	IPP	Norton Solar Farm	TX	61967	NSM01	125.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	125.0
2025	10	58113	Texas A&M, Utilities & Energy Services	Commercial	Central Utility Plant - Texas A&M	TX	58151	STG03	5.0		NG	CA	(P) Planned for installation, but regulatory approvals not initiated	5.0
2025	10	63140	Three Rivers Solar Power, LLC	IPP	Three Rivers Solar Power, LLC	ME	63386	3RIVS	100.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2025	11	65691		IPP	Branch Solar Project	MI	66697	BS1	200.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2025	11	66174		IPP	Carvers Creek Solar	VA	67342	CARV2	99.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	99.0
2025	11	64524		IPP	East Windsor Solar Two	CT	65149	VCP05	4.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0
2025	11	63966		IPP	Emerick Wind	NE	64344	9999	396.3		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	396.3
2025	11	65981		IPP	Forgeview Solar	AR	67075	FFOR1	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	11	66409		IPP	Great Bend Solar Project	OH	67834	GBSP1	48.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	48.0
2025	11	65777		IPP	Morgnac Solar	MD	66843	MORG1	55.8		SUN	PV	(T) Regulatory approvals received. Not under construction	55.8
2025	11	64169		IPP	Prairie Solar LLC	IL	64536	KOV4A	150.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2025	11	66087		IPP	Quail Ranch Solar and BESS	NM	67204	QRBES	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	11	66087		IPP	Quail Ranch Solar and BESS	NM	67204	QRPV	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	11	64952		IPP	Turner Meadow Solar Station	ME	65709	TRNR	20.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2025	11	60796	91MC 8me LLC	IPP	Aratina Solar Center 1 Hybrid	CA	61167	91MCR	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	11	60796	91MC 8me LLC	IPP	Aratina Solar Center 1 Hybrid	CA	61167	BESS	125.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	125.0
2025	11	60025	Greenbacker Renewable Energy Corporation	IPP	Kern Front	CA	67691	731	18.9		SUN	PV	(V) Under construction, more than 50 percent complete	18.9
2025	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Jones City 1 Solar	TX	66559	TXJC1	215.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	215.0
2025	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Trinity River Solar 1	TX	66132	TXTR1	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	11	55983	Luminant Generation Company LLC	IPP	Jayhawk	TX	59806	SOLAR	101.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	101.0
2025	11	17470	PUD No 1 of Snohomish County	Electric Utility	Arlington Battery Energy Storage System	WA	67669	ABESS	25.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	25.0
2025	11	58846	Southeast Renewable Fuels, LLC	Industrial	SRF Pulp Processing Facility	FL	58997	G1001	20.0		WDS	ST	(U) Under construction, less than or equal to 50 percent complete	20.0
2025	12	65824		IPP	BT Hickerson Solar, LLC	TX	66903	5105	310.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	310.0
2025	12	66234		IPP	Bell Creek BESS LLC	TX	67535	ASHU1	200.9		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.9
2025	12	63805		IPP	Bellefield Solar and Energy Storage Farm	CA	64210	SOLWA	500.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2025	12	63805		IPP	Bellefield Solar and Energy Storage Farm	CA	64210	SOLWB	500.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	500.0
2025	12	61222		IPP	Boulder Solar III LLC	NV	65141	BS301	127.9		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	127.9
2025	12	61222		IPP	Boulder Solar III LLC	NV	65141	BS3ES	58.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	58.0
2025	12	66363		IPP	Bypass BESS	TX	67761	1	200.0		MWH	BA	(T) Regulatory approvals received. Not under construction	200.0
2025	12	63677		IPP	Caden Energix New Kent, LLC	VA	64036	ENX08	20.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2025	12	64578		IPP	Caden Energix Piney River LLC	VA	65286	ENX18	50.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2025	12	65870		IPP	Carol Wind, LLC	TX	66976	WAPPA	167.8		WND	WT	(T) Regulatory approvals received. Not under construction	167.8
2025	12	64174		IPP	Cedar Creek Solar	DE	64543	1	114.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	114.0
2025	12	63527		IPP	Cherry	CA	63850	CHERY	249.7		SUN	PV	(T) Regulatory approvals received. Not under construction	249.7
2025	12	66211		IPP	Cherrywood Solar I	MD	67444	6794	145.0		SUN	PV	(T) Regulatory approvals received. Not under construction	145.0
2025	12	64934		IPP	Chiquito Grid, LLC	CA	65655	HECHQ	80.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	80.0
2025	12	65079		IPP	Clear Fork Creek Solar and BESS SLF	TX	65842	CFCBS	600.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	600.0
2025	12	65079		IPP	Clear Fork Creek Solar and BESS SLF	TX	65842	CFCPV	600.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	600.0
2025	12	66366		IPP	Compadre Solar	TX	67765	5191	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	64369		IPP	Coyote Gulch Solar	CO	64857	C0513	140.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	140.0
2025	12	64457		IPP	Dollar Tree Solar One	CT	65148	VCP13	2.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2025	12	65144		IPP	Eagle Springs Hybrid	TX	66341	EGSB	61.5		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	55.1
2025	12	65144		IPP	Eagle Springs Hybrid	TX	66341	EGSS	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	110.1
2025	12	66266		IPP	East Road Storage Project	CA	67565	CEC01	5.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	5.0
2025	12	65672		IPP	Elkhart County Solar Project	IN	66647	USELT	100.0		SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2025	12	64457		IPP	Emery Shute Solar One	ME	65045	VCP14	1.4		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.4
2025	12	66185		IPP	Erath County Solar	TX	67353	4666	204.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	204.0
2025	12	66186		IPP	Funston Solar	TX	67359	4666	204.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	204.0
2025	12	65144		IPP	Gaia Hybrid	TX	66342	GAIAB	76.8		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	76.8
2025	12	65144		IPP	Gaia Hybrid	TX	66342	GAIAS	152.7		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	152.7
2025	12	65740		IPP	Genesee Solar Project	MI	66756	GS1	50.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	51.0
2025	12	65586		IPP	Goonies Solar Project	PA	66547	GOONS	106.7		SUN	PV	(L) Regulatory approvals pending. Not under construction	194.0
2025	12	63528		IPP	Grape	CA	63851	GRAPE	246.4		SUN	PV	(T) Regulatory approvals received. Not under construction	246.4
2025	12	65741		IPP	Hart Solar Project	MI	66778	HS1	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	104.0
2025	12	63782		IPP	Hecate Energy Cider Solar LLC	NY	64163	11111	500.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2025	12	65483		IPP	Hecate Energy Ramsey Storage	TX	66414	RMSY	500.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	500.0
2025	12	65485		IPP	Hecate Grid East Valley Storage	TX	66411	RMSY	255.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	255.0
2025	12	65079		IPP	Hollow Branch Creek 1 Solar	TX	65846	HB1PV	700.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	700.0
2025	12	65079		IPP	Hollow Branch Creek 2 Solar and BESS SLF	TX	65851	HB2BS	400.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	400.0
2025	12	65079		IPP	Hollow Branch Creek 2 Solar and BESS SLF	TX	65851	HB2PV	700.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	700.0
2025	12	65701		IPP	Horsepen Branch Solar	VA	66695	HRSPN	25.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	25.0
2025	12	65967		IPP	Iron Belt	TX	67059	1	400.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	400.0
2025	12	63759		IPP	Jawbone Wind Project	MT	58175	JWPI	80.0		WND	WT	(U) Under construction, less than or equal to 50 percent complete	80.0
2025	12	65808		IPP	La Casa Wind	TX	66919	5309	150.0		WND	WT	(L) Regulatory approvals pending. Not under construction	150.0
2025	12	65739		IPP	Lake Iris Solar Project	MI	66745	LIS1	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	107.7
2025	12	63756		IPP	Lily Pond Solar, LLC	VA	64134	ENX09	80.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2025	12	65561		IPP	MA Acushnet 540R Main St	MA	66513	18229	4.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2025	12	65561		IPP	MA Acushnet 540R Main St	MA	66513	B8229	2.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	2.0
2025	12	63467		IPP	Mark Center Solar Project	OH	65050	MRC1	90.0		SUN	PV	(T) Regulatory approvals received. Not under construction	90.0
2025	12	63501		IPP	Panther Grove Wind, LLC	IL	63818	78787	400.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	400.0
2025	12	64176		IPP	Potic Solar	NY	64541	1	4.9		SUN	PV	(L) Regulatory approvals pending. Not under construction	4.9
2025	12	65101		IPP	Redbud Run Solar	VA	65930	10	30.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	30.0
2025	12	60232		IPP	Roadrunner Solar and BESS	AZ	67823	RRBES	235.0		MWH	BA	(T) Regulatory approvals received. Not under construction	235.0
2025	12	60232		IPP	Roadrunner Solar and BESS	AZ	67823	RRPV	235.0		SUN	PV	(T) Regulatory approvals received. Not under construction	235.0
2025	12	65396		IPP	Rooney Ranch	CA	63088	ROONR	21.0		WND	WT	(L) Regulatory approvals pending. Not under construction	21.0
2025	12	66013		IPP	SR West Marshall, LLC	MS	67135	WMARS	4.8		SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2025	12	65396		IPP	Sand Hill A	CA	63126	SNDHA	13.5		WND	WT	(L) Regulatory approvals pending. Not under construction	13.5
2025	12	65396		IPP	Sand Hill B	CA	63652	SNDHB	17.0		WND	WT	(L) Regulatory approvals pending. Not under construction	17.0
2025	12	65396		IPP	Sand Hill C	CA	63653	SNDHC	80.0		WND	WT	(L) Regulatory approvals pending. Not under construction	80.0
2025	12	65343		IPP	Sculpin Solar	IN	66238	1SPS	180.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	180.0
2025	12	66345		IPP	Sebree Solar, LLC - Hybrid	KY	67735	4516	250.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2025	12	65695		IPP	Seven Flags BESS LLC	TX	66689	7FLAG	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	12	63524		IPP	Shaftsbury Solar	VT	64064	SHAFT	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	65366		IPP	Speedway Solar, LLC	IN	66264	SDS	199.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	199.0
2025	12	63539		IPP	SunEast Farway Solar Project	NY	63865	Q#848	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	63551		IPP	SunEast Flat Hill Solar Project	NY	63901	Q#865	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63537		IPP	SunEast Grassy Knoll Solar Project	NY	63863	Q#885	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63540		IPP	SunEast Highview Solar Project	NY	63866	Q#591	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63543		IPP	SunEast Hilltop Solar Project	NY	63868	Q#807	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63538		IPP	SunEast Limestone Solar Project	NY	63864	Q#806	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63678		IPP	SunEast Manchester Solar Project	NY	64037	Q#913	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63541		IPP	SunEast Tabletop Solar Project	NY	63867	Q#869	80.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2025	12	63536		IPP	SunEast Valley Solar Project	NY	63862	Q#828	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	66189		IPP	Throckmorton Wind	TX	67356	6794	200.0		WND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2025	12	66188		IPP	Tiger Solar	TX	67357	4666	204.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	204.0
2025	12	63004		IPP	USNY - Markham Hollow Rd - 001	NY	67223	SUNYF	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	65516		IPP	Utah Solar 1	UT	66426	1EUS	300.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2025	12	64354		IPP	Wilkes Solar, LLC	NC	64850	WS	75.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	75.0
2025	12	59496	ALLETE Clean Energy	IPP	Whitetail Wind Farm	WI	67379	1	67.2		WND	WT	(T) Regulatory approvals received. Not under construction	67.2
2025	12	15399	Avangrid Renewables LLC	IPP	Pontotoc Wind	OK	67224	20101	147.5		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	147.5
2025	12	15399	Avangrid Renewables LLC	IPP	Sunset Solar	OR	65326	SS1	103.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	103.0
2025	12	61818	CC Polymers LLC	Industrial	M&G Resins USA	TX	60642	1	11.7		WH	OT	(U) Under construction, less than or equal to 50 percent complete	14.3
2025	12	61818	CC Polymers LLC	Industrial	M&G Resins USA	TX	60642	2	11.7		WH	OT	(U) Under construction, less than or equal to 50 percent complete	14.3
2025	12	56769	Consolidated Edison Development Inc.	IPP	Alamo 7 BESS 1	TX	66297	A7BS1	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	56769	Consolidated Edison Development Inc.	IPP	Alamo 7 BESS 2	TX	66298	A7BS2	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	56769	Consolidated Edison Development Inc.	IPP	Arlington Valley Solar Energy I	AZ	57679	AVSE1	125.0		SUN	PV	(T) Regulatory approvals received. Not under construction	127.0
2025	12	61978	Convergent Energy and Power LP	IPP	Bensonhurst Energy Storage 1 LLC	NY	66497	BHBA1	5.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	5.0
2025	12	61060	Cypress Creek Renewables	IPP	Berkman Storage	TX	67651	BERK	100.0		MWH	BA	(T) Regulatory approvals received. Not under construction	100.0
2025	12	61060	Cypress Creek Renewables	IPP	Third Coast BESS, LLC	TX	67667	3COAS	100.0		MWH	BA	(T) Regulatory approvals received. Not under construction	100.0
2025	12	5109	DTE Electric Company	Electric Utility	Wheeler Center Solar Park	MI	65327	WCTSP	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	61951	Dodge County Wind, LLC	IPP	Dodge County Wind	MN	62437	WT	252.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	260.0
2025	12	5504	Dynegy Inc	IPP	Newton Solar BESS LLC	IL	65401	BA	2.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	2.0
2025	12	5504	Dynegy Inc	IPP	Newton Solar BESS LLC	IL	65401	PV	52.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	52.0
2025	12	62765	High Bridge Wind, LLC	IPP	High Bridge Wind Project	NY	62894	HBBSF	7.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	7.0
2025	12	62765	High Bridge Wind, LLC	IPP	High Bridge Wind Project	NY	62894	WT	103.2		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	103.2
2025	12	63137	Idemitsu Renewables	IPP	Azalea (CA)	CA	66890	AZAL	60.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	60.0
2025	12	49893	Invenery Services LLC	IPP	Crescent Valley Solar	NV	62888	GEN1	149.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	149.0
2025	12	49893	Invenery Services LLC	IPP	Horseshoe Solar Energy	NY	63096	GEN1	180.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	180.0
2025	12	49893	Invenery Services LLC	IPP	Lovelock Solar	NV	62934	GEN1	190.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	190.0
2025	12	10071	Kauai Island Utility Cooperative	Electric Utility	KRS I Anahola Solar Hybrid	HI	58639	BESS8	12.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	12.0
2025	12	10071	Kauai Island Utility Cooperative	Electric Utility	KRS II Koloa Solar	HI	58640	BESS7	12.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	12.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Barilla Solar	TX	58710	BARBA	20.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Blackford Solar	IN	66960	BLKSL	150.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Blackford Wind	IN	66968	BFW00	200.0		WND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Cradle Solar	TX	65822	CRASO	225.0		SUN	PV	(T) Regulatory approvals received. Not under construction	225.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Northern Prairie 1	WI	66958	NOPR1	101.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	101.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Rose Gold Solar	IN	65471	RGS01	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Mayapple Solar 1	IN	66138	INMA1	224.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	224.0
2025	12	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Sycamore Trail Solar	PA	66196	PAST1	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT1	2.6		WAT	HY	(U) Under construction, less than or equal to 50 percent complete	2.6
2025	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT2	2.6		WAT	HY	(U) Under construction, less than or equal to 50 percent complete	2.6
2025	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT3	2.6		WAT	HY	(U) Under construction, less than or equal to 50 percent complete	2.6
2025	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT4	2.6		WAT	HY	(U) Under construction, less than or equal to 50 percent complete	2.6
2025	12	61301	Plum Creek Wind Farm LLC	IPP	Plum Creek	MN	61687	PLMCK	400.0		WND	WT	(L) Regulatory approvals pending. Not under construction	400.0
2025	12	62023	Skeleton Creek Energy Center	IPP	Skeleton Creek Energy Center Hybrid	OK	62494	SCBAT	252.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	252.0
2025	12	62023	Skeleton Creek Energy Center	IPP	Skeleton Creek Energy Center Hybrid	OK	62494	SCSOL	250.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2025	12	62700	SunEast Clay Solar LLC	IPP	SunEast Clay Solar Project	NY	62819	Q699	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2025	12	62699	SunEast Dog Corners Solar LLC	IPP	SunEast Dog Corners Solar Project	NY	62823	Q584	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	62757	SunEast Hills Solar LLC	IPP	SunEast Hills Solar Project	NY	62895	Q581	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2025	12	62698	SunEast Skyline Solar LLC	IPP	SunEast Skyline Solar Project	NY	62816	Q670	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	62756	SunEast Watkins Road Solar LLC	IPP	SunEast Watkins Road Solar Project	NY	62896	Q586	20.0		SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	59056	Tri Global Energy, LLC	IPP	Cone Renewable Energy Project, LLC	TX	60272	WT1	150.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	59056	Tri Global Energy, LLC	IPP	Crosby County Wind Farm, LLC	TX	60273	WT1	150.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	59056	Tri Global Energy, LLC	IPP	Easter	TX	59971	ESTR1	150.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	1	65785		IPP	Cenergy - Pulk	ME	66874	PUL	5.0		SUN	PV	(OT) Other	5.0
2026	1	63726		IPP	Forest Grove - Dodd	TX	64131	FGPV1	400.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.6
2026	1	65384		Commercial	Hartford Hospital Cogeneration	CT	52061	GEN5	5.4		NG	CC	(P) Planned for installation, but regulatory approvals not initiated	5.5
2026	1	63726		IPP	Oak Hill - Dry Creek	TX	64132	PV1	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	1	63289		IPP	TX 14 Venus Mill Storage	TX	65788	TX14	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	1	65835		IPP	Trumbull Energy Center	OH	66918	GT11	350.0		NG	CT	(U) Under construction, less than or equal to 50 percent complete	350.0
2026	1	65835		IPP	Trumbull Energy Center	OH	66918	GT12	350.0		NG	CT	(U) Under construction, less than or equal to 50 percent complete	350.0
2026	1	65835		IPP	Trumbull Energy Center	OH	66918	STG	250.0		NG	CA	(U) Under construction, less than or equal to 50 percent complete	250.0
2026	1	66395		IPP	Walston I Solar	MD	67800	1	9.9		SUN	PV	(L) Regulatory approvals pending. Not under construction	9.9
2026	1	64515		IPP	Waterbury Solar One	CT	65137	VCP12	2.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2026	1	15399	Avangrid Renewables LLC	IPP	Great Bear Solar, LLC	OH	64073	GBS	46.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	46.0
2026	1	61060	Cypress Creek Renewables	IPP	Destiny Storage	TX	67654	DESTS	200.0		MWH	BA	(T) Regulatory approvals received. Not under construction	200.0
2026	1	5109	DTE Electric Company	Electric Utility	Little Trout Solar	MI	67755	LTRSP	150.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2026	1	5248	Dominion Energy Inc.	Electric Utility	Dulles Solar and Storage	VA	65043	DUSO	100.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2026	1	11241	Entergy Louisiana LLC	Electric Utility	Sterlington Solar	LA	66681	STS	49.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	49.0
2026	1	6452	Florida Power & Light Co	Electric Utility	Boardwalk	FL	65885	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2026	1	6452	Florida Power & Light Co	Electric Utility	Kayak	FL	65888	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2026	1	6452	Florida Power & Light Co	Electric Utility	Long Creek	FL	65906	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2026	1	6452	Florida Power & Light Co	Electric Utility	Mare Branch	FL	65905	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2026	1	6452	Florida Power & Light Co	Electric Utility	North Orange	FL	65883	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2026	1	6452	Florida Power & Light Co	Electric Utility	Price Creek	FL	65887	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2026	1	6452	Florida Power & Light Co	Electric Utility	Tenmile Creek	FL	65886	1	74.5		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2026	1	49893	Invenery Services LLC	IPP	Canistee Wind Farm	NY	62947	GEN1	290.7		WND	WT	(V) Under construction, more than 50 percent complete	290.7
2026	1	60349	Juneau Hydropower, Inc	IPP	Sweetheart Lake Hydroelectric Facility	AK	60588	JHI01	6.6		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.6
2026	1	60349	Juneau Hydropower, Inc	IPP	Sweetheart Lake Hydroelectric Facility	AK	60588	JHI02	6.6		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.6
2026	1	60349	Juneau Hydropower, Inc	IPP	Sweetheart Lake Hydroelectric Facility	AK	60588	JHI03	6.6		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.6
2026	1	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Granite Hill Solar	PA	66440	PAGH1	70.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	70.0
2026	1	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Jones City 2 Solar	TX	66893	TXJC2	185.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	185.0
2026	1	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Mowata Solar	LA	66558	LAMO1	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	1	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	White Trillium Solar	OH	65904	OHWT1	49.5		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	49.5
2026	1	12796	Monongahela Power Co	Electric Utility	Davis Solar (WV)	WV	66870	DAVS	11.5		SUN	PV	(L) Regulatory approvals pending. Not under construction	11.5
2026	2	65644		IPP	Fish Lake Geothermal	NV	66618	FL1	2.1		GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	3.3
2026	2	65644		IPP	Fish Lake Geothermal	NV	66618	FL2	2.9		GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	3.3
2026	2	65644		IPP	Fish Lake Geothermal	NV	66618	FL3	3.4		GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	4.7
2026	2	65644		IPP	Fish Lake Geothermal	NV	66618	FL4	4.3		GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	6.2
2026	2	65644		IPP	Fish Lake Geothermal	NV	66618	FL5	6.8		GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	9.0
2026	2	65439		IPP	Grover Hill Wind, LLC	OH	66359	GHW	140.3		WND	WT	(T) Regulatory approvals received. Not under construction	140.3
2026	2	65079		IPP	Middlebrook Creek Solar and BESS	TX	65853	MIDBS	302.9		MWH	BA	(L) Regulatory approvals pending. Not under construction	302.9
2026	2	65079		IPP	Middlebrook Creek Solar and BESS	TX	65853	MIDPV	609.1		SUN	PV	(L) Regulatory approvals pending. Not under construction	609.1
2026	2	64457		IPP	Spencer Drive Solar One	ME	65138	VCP18	2.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2026	2	61060	Cypress Creek Renewables	IPP	Sundance (CO)	CO	67666	SUNDN	74.9		SUN	PV	(L) Regulatory approvals pending. Not under construction	74.9
2026	2	5109	DTE Electric Company	Electric Utility	Mission Road Solar Park	MI	67756	MSRSP	172.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	172.0
2026	3	66018		IPP	Fagus Solar Park	TX	67123	MISII	331.6		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	331.6
2026	3	65998		IPP	Flint Mine Solar	NY	67090	FMS	100.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2026	3	66319		IPP	Heartwood Solar	MI	67677	HWS	150.0		SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2026	3	63289		IPP	KCE NY 10, LLC	NY	66682	NY10	20.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2026	3	63289		IPP	KCE NY 29, LLC	NY	66682	NY29	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	3	66344		IPP	Kingstree West 115	SC	67723	SOLAR	74.9		SUN	PV	(T) Regulatory approvals received. Not under construction	84.2
2026	3	66061		IPP	Nottingham Solar	OH	66658	NOTT	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	3	64410		IPP	Pecan Prairie South Solar	TX	64981	CPSS1	130.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	130.0
2026	3	65092		IPP	Springwater Solar, LLC	OH	65900	SPRIN	155.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	155.0
2026	3	66061		IPP	Stuebenville Solar	OH	66657	STELUB	43.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	43.0
2026	3	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	04	210.0		NG	GT	(L) Regulatory approvals pending. Not under construction	235.0
2026	3	61060	Cypress Creek Renewables	IPP	Ostrea Solar, LLC	WA	66384	GEN1	80.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2026	3	5109	DTE Electric Company	Electric Utility	Trenton Channel Energy Center	MI	67759	TCHCC	220.0		MWH	BA	(T) Regulatory approvals received. Not under construction	220.0
2026	3	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Crossvine Solar	IN	66441	INCV1	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	3	60971	NYC Energy LLC	IPP	NISA Electric Generation Project	NY	61331	BA1	79.9		MWH	BA	(T) Regulatory approvals received. Not under construction	79.9
2026	3	60971	NYC Energy LLC	IPP	NISA Electric Generation Project	NY	61331	BA2	220.1		MWH	BA	(T) Regulatory approvals received. Not under construction	220.1
2026	4	66180		IPP	CPV Rogue's Wind, LLC	PA	67348	ROGUE	109.9		WND	WT	(T) Regulatory approvals received. Not under construction	114.0
2026	4	66255		IPP	Stonewall Solar	TX	67562	RIC92	63.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	63.0
2026	4	64776		IPP	Wolf Pit Branch Solar, LLC	SC	65437	PGB38	15.5		MWH	BA	(L) Regulatory approvals pending. Not under construction	15.5
2026	4	64776		IPP	Wolf Pit Branch Solar, LLC	SC	65437	PGR38	62.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	62.0
2026	4	5248	Dominion Energy Inc.	Electric Utility	Moon Corner Solar	VA	66313	MOCO	60.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	60.0
2026	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	4	416.0		NG	GT	(L) Regulatory approvals pending. Not under construction	433.0
2026	4	60025	Greenbacker Renewable Energy Corporation	IPP	Hogs Bay	ME	66768	694	2.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2026	4	61797	Hecate Energy LLC	IPP	Hecate Energy Columbia County Solar	NY	62273	HECC1	42.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	42.0
2026	4	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Champion Solar I	IN	66865	INCS1	51.9		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	51.9
2026	5	65689		IPP	Alfred Oaks Solar, LLC	NY	66675	ALOAK	115.2		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	115.2
2026	5	65689		IPP	Alfred Oaks Solar, LLC	NY	66675	BA	20.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2026	5	64545		IPP	Axton Solar	VA	65462	AXTON	201.1		SUN	PV	(L) Regulatory approvals pending. Not under construction	201.1
2026	5	66373		IPP	Cuchillas PV and BESS	TX	67776	GRS2P	305.6		SUN	PV	(L) Regulatory approvals pending. Not under construction	305.6
2026	5	66232		IPP	Green River Energy Center - Hybrid	UT	67501	GRBS	400.0		MWH	BA	(T) Regulatory approvals received. Not under construction	400.0
2026	5	66232		IPP	Green River Energy Center - Hybrid	UT	67501	GRPV	400.0		SUN	PV	(T) Regulatory approvals received. Not under construction	400.0
2026	5	65454		IPP	Healing Springs Solar, LLC	NC	66382	GEN1	55.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	55.0
2026	5	65814		IPP	Indigo Solar & Storage	TX	66891	245BS	180.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	180.0
2026	5	65814		IPP	Indigo Solar & Storage	TX	66891	IS245	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	5	66385		IPP	Payne Battletree Solar	TX	67788	GRS10	85.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	85.0
2026	5	66383		IPP	Whistle Solar	TX	67785	GRS19	56.3		SUN	PV	(L) Regulatory approvals pending. Not under construction	56.3
2026	5	56769	Consolidated Edison Development Inc.	IPP	Uvalde Solar 1	TX	66306	UVPV1	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2026	5	5109	DTE Electric Company	Electric Utility	Fish Creek Solar Park	MI	67754	FSCSP	146.2		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	146.2
2026	6	66122		IPP	Alina Energy LLC	TX	67250	ALIBS	200.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	6	66122		IPP	Alina Energy LLC	TX	67250	ALIPV	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	6	64217		IPP	Bald Mountain Solar	NY	64598	GEN1	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2026	6	63793		IPP	Bear Branch Solar	NC	64168	GEN	34.5		SUN	PV	(L) Regulatory approvals pending. Not under construction	34.5
2026	6	64356		IPP	Bedington Energy Facility, LLC	WV	64848	BEF1	50.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	50.0
2026	6	66272		IPP	Cedar Hill ESS	TX	67570	3004	10.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	10.0
2026	6	65084		IPP	Eldora Energy LLC	TX	65847	ELDBS	200.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	6	65084		IPP	Eldora Energy LLC	TX	65847	ELDPV	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	6	65764		IPP	Elevate Pier S	CA	66787	ELVPS	70.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	70.0
2026	6	65654		IPP	Elm Flats Solar	TX	67552	ELMBA	50.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2026	6	65654		IPP	Elm Flats Solar	TX	67552	ELMFL	125.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	125.0
2026	6	65157		IPP	Garcitas Creek Solar	TX	65973	GCS	201.9		SUN	PV	(L) Regulatory approvals pending. Not under construction	201.9
2026	6	64218		IPP	Greens Corners Solar	NY	64599	GEN1	120.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	120.0
2026	6	65384		Commercial	Hartford Hospital Cogeneration	CT	52061	GEN6	6.0		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	6.0
2026	6	63474		IPP	Hecate Energy Gedney Hill	NY	63815	GEDNY	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2026	6	65481		IPP	Hecate Grid Gwent Storage 1	CA	66409	GWNT	135.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	135.0
2026	6	66347		IPP	Highland Solar North	FL	64345	1112	74.9		SUN	PV	(L) Regulatory approvals pending. Not under construction	74.9
2026	6	66178		IPP	Hoffman Falls Wind 2	NY	67346	Q1335	102.5		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	103.5
2026	6	64741		IPP	Homestead Energy Storage LLC	CA	65398	HMSD1	14.0		MWH	BA	(T) Regulatory approvals received. Not under construction	14.0
2026	6	64476		IPP	Hope Solar One	RI	65060	VCP02	3.5		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.5
2026	6	63792		IPP	Homet Solar	NC	64167	GEN	73.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	73.0
2026	6	65815		IPP	Lupinus Solar 1, LLC	TX	66895	LP1BA	83.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	83.0
2026	6	65815		IPP	Lupinus Solar 1, LLC	TX	66895	LP1PV	165.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	165.0
2026	6	65815		IPP	Lupinus Storage 3	TX	67674	LUPE3	50.9		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.9
2026	6	65475		IPP	Naduah Solar	TX	66396	NDUAH	103.4		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	103.4
2026	6	63826		IPP	Rockmont Solar and Storage Project	NM	64216	201LC	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	6	63826		IPP	Rockmont Solar and Storage Project	NM	64216	309SJ	30.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	30.0
2026	6	66261		IPP	Roscommon Solar Park	TX	67566	ROGSP	82.8		SUN	PV	(T) Regulatory approvals received. Not under construction	82.8
2026	6	63488		IPP	Shady Hills Combined Cycle Facility	FL	63802	G001	538.3		NG	CS	(U) Under construction, less than or equal to 50 percent complete	612.0
2026	6	63838		IPP	Swiftsure	NY	64235	SWFTS	650.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	650.0
2026	6	57416	Acciona Energy USA Global, LLC	IPP	AEGU Fleming Solar, LLC	KY	64658	AFS	188.5		SUN	PV	(L) Regulatory approvals pending. Not under construction	188.5
2026	6	61713	B & K Solar	IPP	B & K Solar	SC	62181	23	74.9		SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61716	Big Fork Solar	IPP	Big Fork Solar	SC	62184	26	74.9		SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61716	Big Fork Solar	IPP	Big Fork Solar	SC	62184	27	74.9		MWH	BA	(T) Regulatory approvals received. Not under construction	74.9
2026	6	60395	California Ethanol Power, LLC	Industrial	CE&P Imperial Valley 1	CA	60670	1	50.0		OTH	CC	(T) Regulatory approvals received. Not under construction	50.0
2026	6	61718	Chapman Solar	IPP	Chapman Solar	SC	62186	28	2.0		SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2026	6	61720	Colleton Solar	IPP	Colleton Solar	SC	62188	30	74.9		SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61720	Colleton Solar	IPP	Colleton Solar	SC	62188	31	74.9		MWH	BA	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61722	Crossroads Solar	IPP	Crossroads Solar	SC	62190	32	50.0		SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2026	6	61722	Crossroads Solar	IPP	Crossroads Solar	SC	62190	33	50.0		MWH	BA	(T) Regulatory approvals received. Not under construction	50.0
2026	6	61729	Culpepper Solar	IPP	Culpepper Solar	SC	62221	33	74.9		SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61060	Cypress Creek Renewables	IPP	High Top Solar	WA	65325	98936	80.0		SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2026	6	55937	Entergy Texas Inc.	Electric Utility	Orange County Advanced Power Station	TX	66621	1A	396.6		NG	CT	(T) Regulatory approvals received. Not under construction	453.0
2026	6	55937	Entergy Texas Inc.	Electric Utility	Orange County Advanced Power Station	TX	66621	1B	396.6		NG	CT	(T) Regulatory approvals received. Not under construction	453.0
2026	6	55937	Entergy Texas Inc.	Electric Utility	Orange County Advanced Power Station	TX	66621	1C	365.0		NG	CA	(T) Regulatory approvals received. Not under construction	400.0
2026	6	6763	Freestone Power Generation LLC	IPP	FPEC, LLC	TX	67500	GT5	212.0		NG	GT	(L) Regulatory approvals pending. Not under construction	222.0
2026	6	6763	Freestone Power Generation LLC	IPP	FPEC, LLC	TX	67500	GT6	212.0		NG	GT	(L) Regulatory approvals pending. Not under construction	222.0
2026	6	61737	GEB Solar	IPP	GEB Solar	SC	62217	40	50.0		SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2026	6	61746	Holiday Solar I	IPP	Holiday Solar I	SC	62229	43	74.0		SUN	PV	(T) Regulatory approvals received. Not under construction	74.0
2026	6	61751	Juniper Solar	IPP	Juniper Solar	SC	62234	48	74.9		SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	50123	Laeward Asset Management, LLC	IPP	Portal Ridge Solar A, LLC	CA	60309	GEN01	19.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	19.0
2026	6	61753	Luz Solar	IPP	Luz Solar	SC	62236	50	2.0		SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2026	6	61791	Melsam Solar	IPP	Melsam Solar	SC	62280	58	65.0		SUN	PV	(T) Regulatory approvals received. Not under construction	65.0
2026	6	60018	NET Power, LLC	IPP	NET Power La Porte Station	TX	60910	NPLPS	5.0		NG	GT	(OT) Other	25.5
2026	6	13402	Nevada Irrigation District	IPP	Loma Rica Hydroelectric Powerhouse	CA	60988	HY1	1.4		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.4
2026	6	13902	NorthWestern Energy (MT Hydro)	Electric Utility	Hauser	MT	2185	HAU12	3.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	3.5
2026	6	56545	Pattern Operators LP	IPP	SunZia Wind North	NM	66924	SZW-N	1,089.0		WND	WT	(T) Regulatory approvals received. Not under construction	1,089.0
2026	6	56545	Pattern Operators LP	IPP	SunZia Wind South	NM	66923	SZW-S	2,426.4		WND	WT	(T) Regulatory approvals received. Not under construction	2,426.4
2026	6	61805	Pruger Solar II	IPP	Pruger Solar II	SC	62293	64	2.0		SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2026	6	60229	Quail Holdings, LLC	IPP	Quail Holdings	NC	60434	PV1	30.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	30.0
2026	6	61807	Quest Solar	IPP	Quest Solar	SC	62299	66	50.0		SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2026	6	61807	Quest Solar	IPP	Quest Solar	SC	62299	67	50.0		MWH	BA	(T) Regulatory approvals received. Not under construction	50.0
2026	6	61808	Rollins Solar	IPP	Rollins Solar	SC	62295	67	74.9		SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61809	Ross Solar	IPP	Ross Solar	SC	62296	68	74.9		SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61830	Shining Sun Solar	IPP	Shining Sun Solar	SC	62309	73	74.4		SUN	PV	(T) Regulatory approvals received. Not under construction	74.0
2026	6	61831	Shorthorn Solar	IPP	Shorthorn Solar	SC	62310	74	60.0		SUN	PV	(T) Regulatory approvals received. Not under construction	60.0
2026	6	61834	Stamey Solar	IPP	Stamey Solar	SC	62313	77	2.0		SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2026	7	65482		IPP	Despain Solar	TX	66421	GRS13	236.2		SUN	PV	(L) Regulatory approvals pending. Not under construction	236.2
2026	7	65144		IPP	Ursa Solar, LLC	WI	65964	URSA	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	7	66382		IPP	Vial BESS	TX	67784	GRS11	141.4		MWH	BA	(L) Regulatory approvals pending. Not under construction	141.4
2026	7	61060	Cypress Creek Renewables	IPP	Payton	IL	67662	PAYTN	70.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	70.0
2026	7	5248	Dominion Energy Inc.	Electric Utility	Courthouse Solar	VA	66312	CHSL	167.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	167.0
2026	7	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	FUTR1	1.6		LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2026	7	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	FUTR2	1.6		LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2026	7	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	FUTR3	1.6		LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2026	7	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	FUTR4	1.6		LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2026	7	58489	OCI Solar Power	IPP	OCI Hillsboro	TX	66401	OHLBS	200.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	7	58489	OCI Solar Power	IPP	OCI Hillsboro	TX	66401	OHLPV	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	7	58489	OCI Solar Power	IPP	OCI SunRoper	TX	65893	OCIRO	260.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	260.0
2026	8	64689		IPP	Emery Meadow Solar Station	ME	65366	EMSS	16.4		SUN	PV	(L) Regulatory approvals pending. Not under construction	16.4
2026	8	64077		IPP	JVR Energy Park LLC	CA	64428	JVR1B	70.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	70.0
2026	8	17612	Bear Valley Electric Service	Electric Utility	Bear Valley Battery Plant	CA	67257	BVEB1	5.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	5.0
2026	8	17612	Bear Valley Electric Service	Electric Utility	Bear Valley Solar Plant	CA	67258	BVES1	5.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2026	9	65682		IPP	Aramis I Solar Project	CA	66678	IPAR1	100.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2026	9	65682		IPP	Aramis I Solar Project	CA	66678	IPAR2	100.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2026	9	66372		IPP	Cardinal Solar (TX)	TX	67775	GRS6	74.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	74.0
2026	9	65715		IPP	Longwing Solar	TX	66705	11105	140.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	140.0
2026	9	65715		IPP	Peri Peri Solar	TX	66708	11104	115.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	115.0
2026	9	65986		IPP	Quarter Ranch Solar	TX	67078	GRS3	154.1		SUN	PV	(L) Regulatory approvals pending. Not under construction	154.1
2026	9	66255		IPP	Wetzel BESS	TX	67555	RIC98	185.6		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	185.6
2026	9	61060	Cypress Creek Renewables	IPP	Hanson	TX	67657	HANSO	396.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	396.0
2026	9	5248	Dominion Energy Inc.	Electric Utility	Clover Creek Solar	VA	66315	CCSO	90.0		SUN	PV	(T) Regulatory approvals received. Not under construction	90.0
2026	9	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Second Division Solar	TX	65981	TXSD2	30.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	30.0
2026	9	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Starr Solar Ranch	TX	65975	TXSD2	180.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	180.0
2026	9	14519	Pasco County	IPP	Pasco Cnty Solid Waste Resource Recovery	FL	50666	GEN2	18.0		MSW	ST	(T) Regulatory approvals received. Not under construction	20.0
2026	10	65728		IPP	Brenneman Solar Project	GA	66744	BRNMN	150.0		SUN	PV	(T) Regulatory approvals received. Not under construction	168.0
2026	10	64077		IPP	JVR Energy Park LLC	CA	64428	JVR1A	90.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	90.0
2026	10	64351		IPP	Roxbury Solar, LLC	ME	64834	ROX	55.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	55.0
2026	10	64690		IPP	Topsham Meadow Solar Station	ME	65369	TMS5	17.2		SUN	PV	(L) Regulatory approvals pending. Not under construction	17.2
2026	10	64691		IPP	West Baldwin Solar Station	ME	65371	WBSS	17.1		SUN	PV	(L) Regulatory approvals pending. Not under construction	17.1
2026	10	924	Associated Electric Coop, Inc	Electric Utility	Ripley Energy Center	OK	67262	RP1	411.4		NG	GT	(L) Regulatory approvals pending. Not under construction	419.0
2026	10	15399	Avangrid Renewables LLC	IPP	Osagrove Flats Wind	IL	67347	OF1	150.0		WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2026	10	61060	Cypress Creek Renewables	IPP	Amerada	TX	67649	AMERA	300.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2026	10	61060	Cypress Creek Renewables	IPP	South Davidson	NC	67665	SDAVI	80.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2026	10	62760	EDPR CA Solar Park VI LLC	IPP	EDPR CA Solar Park VI LLC (CA) Hybrid	CA	62892	SONR2	40.0		MWH	BA	(T) Regulatory approvals received. Not under construction	40.0
2026	10	62760	EDPR CA Solar Park VI LLC	IPP	EDPR CA Solar Park VI LLC (CA) Hybrid	CA	62892	SONR1	200.0		SUN	PV	(T) Regulatory approvals received. Not under construction	201.0
2026	11	63806		IPP	Bellefield 2 Solar & Energy Storage Farm	CA	64209	26SBA	500.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2026	11	63806		IPP	Bellefield 2 Solar & Energy Storage Farm	CA	64209	26SBB	500.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	500.0
2026	11	65144		IPP	Conez Solar, LLC	GA	66671	CONEZ	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	11	64519		IPP	Deer Wood Storage, LLC	VA	65145	ENX12	30.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	30.0
2026	11	65116		IPP	Discovery Wind, LLC	ND	65944	DISC	400.0		WND	WT	(L) Regulatory approvals pending. Not under construction	400.0
2026	11	65455		IPP	Hycos Solar LLC	NC	66383	GEN1	80.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2026	11	66258		IPP	Ratcliff Solar Park	TX	67563	RAGSP	78.8		SUN	PV	(T) Regulatory approvals received. Not under construction	78.8
2026	11	66260		IPP	Reis Solar Park	TX	67564	REGSP	105.5		SUN	PV	(T) Regulatory approvals received. Not under construction	105.5
2026	11	66105		IPP	Trestles Grid LLC	CA	67229	HGLPT	150.0		MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2026	11	64951		IPP	Warren Meadow Solar Station	ME	65708	WMSS	74.5		SUN	PV	(L) Regulatory approvals pending. Not under construction	74.5
2026	11	66262		IPP	Wenswitch Solar Park	TX	67567	WEGSP	145.6		SUN	PV	(T) Regulatory approvals received. Not under construction	145.6
2026	11	61874		IPP	Yellow Vikings	TX	67222	1	182.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	182.0
2026	11	61060	Cypress Creek Renewables	IPP	Wallie Storage	TX	67668	WALLE	200.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2026	11	50123	Leeward Asset Management, LLC	IPP	Sandhill Solar 2	GA	65884	SAHS0	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	65661		IPP	Arco Wind and Solar Project	ID	66651	37565	360.0		WND	WT	(T) Regulatory approvals received. Not under construction	360.0
2026	12	65144		IPP	Cairos Solar and Storage	TX	67581	CIRSA	153.3		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	153.3
2026	12	65144		IPP	Cairos Solar and Storage	TX	67581	CIRSB	77.3		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	77.3
2026	12	65180		IPP	Cedar Island Solar LLC	OR	66011	PV1	800.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	800.0
2026	12	63839		IPP	Clermont	NY	64236	CLRMT	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	12	66373		IPP	Cuchillas PV and BESS	TX	67776	GRS2B	306.9		MWH	BA	(L) Regulatory approvals pending. Not under construction	306.9
2026	12	65543		IPP	Desert Vine Solar	TX	66493	DVS	121.3		SUN	PV	(L) Regulatory approvals pending. Not under construction	121.3
2026	12	64368		IPP	Dolores Canyon Solar	CO	64858	C0497	110.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	110.0
2026	12	66255		IPP	Edens Solar	TX	67560	RIC94	70.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	70.0
2026	12	65080		IPP	Elio Energy LLC	TX	65850	ELIBS	300.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	300.0
2026	12	65113		IPP	Grey Fox Wind	IL	65939	WINDG	400.0		WND	WT	(L) Regulatory approvals pending. Not under construction	400.0
2026	12	65113		IPP	Grey Fox Wind	IL	65939	WINDG2	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	12	63289		IPP	NY2 Battery	NY	63584	NY2	169.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	169.0
2026	12	64800		IPP	Nolin Hills	OR	60070	GEN2	300.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2026	12	66316		IPP	Northumberland Solar I	PA	67675	ENX34	20.0		MWH	BA	(T) Regulatory approvals received. Not under construction	20.0
2026	12	63217		IPP	Obsidian Solar Center	OR	63488	OBSLR	400.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.0
2026	12	63463		IPP	Palomino Solar	OH	63784	PLMNO	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	64475		IPP	Pecan Prairie North Solar	TX	64999	CPNS1	350.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	350.0
2026	12	65105		IPP	Peeler Solar, LLC	TX	65932	PEEL2	50.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2026	12	64467		IPP	Pike Creek Wind	IL	65049	CPCW1	202.5		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	202.5
2026	12	65777		IPP	Porter Mill Solar	MD	66854	PORM1	46.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	46.0
2026	12	64357		IPP	Rail Tie Wind	WY	64847	CRTW1	504.0		WND	WT	(L) Regulatory approvals pending. Not under construction	504.0
2026	12	66121		IPP	Rock Rose Energy Storage LLC	TX	67249	RRES	200.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	66171		IPP	SGT Hoskins Solar Project Hybrid	TX	67341	NOSES	102.1		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	102.1
2026	12	66171		IPP	SGT Hoskins Solar Project Hybrid	TX	67341	NOSPV	204.1		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	204.1
2026	12	66012		IPP	SR Marshall, LLC	MS	67134	MARSH	4.8		SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2026	12	65072		IPP	Sacramento Valley Energy Center, LLC	CA	65808	BSVEC	100.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2026	12	65072		IPP	Sacramento Valley Energy Center, LLC	CA	65808	SVEC	200.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2026	12	63954		IPP	Shepherd's Run Solar	NY	64188	PV	42.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	42.0
2026	12	63721		IPP	Skipjack Wind Farm	MD	64083	SJW01	120.0		WND	WS	(L) Regulatory approvals pending. Not under construction	120.0
2026	12	63721		IPP	Skipjack Wind Farm Phase 2	MD	65388	SJW02	846.0		WND	WS	(L) Regulatory approvals pending. Not under construction	846.0
2026	12	65092		IPP	Springwater Solar, LLC	OH	65900	SPRI2	75.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	75.0
2026	12	66027		IPP	Sunrise Wind	NY	67435	SRWND	924.0		WND	WS	(L) Regulatory approvals pending. Not under construction	924.0
2026	12	64355		IPP	Wildcat Solar Power Plant LLC	NM	64849	ATMWS	50.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2026	12	64355		IPP	Wildcat Solar Power Plant LLC	NM	64849	WILDC	90.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	90.0
2026	12	59365	Capital Power Corporation	IPP	Maple Leaf Solar	NC	67195	GEN	73.0		SUN	PV	(T) Regulatory approvals received. Not under construction	73.0
2026	12	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	1	169.2		WND	WT	(U) Under construction, less than or equal to 50 percent complete	169.2
2026	12	60609	Clean Focus Renewables, Inc.	IPP	Rugged Solar LLC	CA	57960	1	80.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2026	12	56769	Consolidated Edison Development Inc.	IPP	Upton BESS 2	TX	66303	UPBS2	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	12	61060	Cypress Creek Renewables	IPP	Fort Watt Storage	TX	67656	FWATT	200.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2026	12	61060	Cypress Creek Renewables	IPP	Jerboa Storage	TX	67658	JERBO	200.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2026	12	61060	Cypress Creek Renewables	IPP	Langer	TX	67659	LANGE	245.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	245.0
2026	12	5248	Dominion Energy Inc.	Electric Utility	Dulles Solar and Storage	VA	65043	DUST	50.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	50.0
2026	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG1	3.4		WND	WS	(P) Planned for installation, but regulatory approvals not initiated	3.4
2026	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG2	3.4		WND	WS	(P) Planned for installation, but regulatory approvals not initiated	3.4
2026	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG3	3.4		WND	WS	(P) Planned for installation, but regulatory approvals not initiated	3.4
2026	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG4	3.4		WND	WS	(P) Planned for installation, but regulatory approvals not initiated	3.4

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2026	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG5	3.4		WND	WS	(P) Planned for installation, but regulatory approvals not initiated	3.4
2026	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG6	3.4		WND	WS	(P) Planned for installation, but regulatory approvals not initiated	3.4
2026	12	50123	Leeward Asset Management, LLC	IPP	Buena Vista Energy LLC	CA	56446	BVBAT	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	12	50123	Leeward Asset Management, LLC	IPP	Honey Creek Solar	IN	65821	HNYBA	20.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2026	12	50123	Leeward Asset Management, LLC	IPP	Honey Creek Solar	IN	65821	HNYSR	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	61298	Pine Gate Renewables	IPP	Olin Creek Farm Solar	NC	64626	OLINC	35.0		SUN	PV	(T) Regulatory approvals received. Not under construction	35.0
2026	12	62936	TREX US Red Holly LLC	IPP	TREX US Red Holly	TX	63202	701	250.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	250.0
2026	12	61950	Terra-Gen Operating Co-Solar	IPP	Lockhart Solar PV IV, LLC	CA	67510	LOC4	80.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2026	12	59056	Tri Global Energy, LLC	IPP	Water Valley Wind Energy	TX	62846	WWE1	180.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	180.0
2027	1	61060	Cypress Creek Renewables	IPP	Soleil	TX	67664	SOLEI	450.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	450.0
2027	1	5248	Dominion Energy Inc.	Electric Utility	Coastal Virginia Offshore Wind (CVOW) Commercial Project	VA	64550	CVOWC	1,265.0		WND	WS	(T) Regulatory approvals received. Not under construction	2,640.0
2027	1	50123	Leeward Asset Management, LLC	IPP	Parowan Solar	UT	65823	PARB	58.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	58.0
2027	1	50123	Leeward Asset Management, LLC	IPP	Parowan Solar	UT	65823	PARSO	58.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	58.0
2027	2	66376		IPP	Hayrick BESS	TX	67779	GRSS	113.9		MWH	BA	(L) Regulatory approvals pending. Not under construction	113.9
2027	3	66252		IPP	Blue Hills Wind Project	TX	67542	BHWP	276.0		WND	WT	(T) Regulatory approvals received. Not under construction	276.0
2027	3	65470		IPP	Braddock Lock and Dam	PA	59091	GEN1	5.3		WAT	HY	(L) Regulatory approvals pending. Not under construction	5.3
2027	3	65144		IPP	Stark Solar, LLC	OH	66672	AG239	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	3	63786		IPP	Tygart Hydropower	WV	64171	1	3.0		WAT	HY	(L) Regulatory approvals pending. Not under construction	10.0
2027	3	63786		IPP	Tygart Hydropower	WV	64171	2	3.0		WAT	HY	(L) Regulatory approvals pending. Not under construction	10.0
2027	3	63786		IPP	Tygart Hydropower	WV	64171	3	3.0		WAT	HY	(L) Regulatory approvals pending. Not under construction	10.0
2027	3	57416	Acciona Energy USA Global, LLC	IPP	AEUG Madison Solar, LLC	KY	64659	AMS	100.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2027	3	61060	Cypress Creek Renewables	IPP	Carriger	WA	67653	CARRI	160.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	160.0
2027	3	61060	Cypress Creek Renewables	IPP	Elk Run	CO	67655	ELKRN	200.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2027	3	61060	Cypress Creek Renewables	IPP	Oxbow Hill	NY	67661	OXHIL	140.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	140.0
2027	3	58970	Ecoplexus, Inc	IPP	Westminister NC	NC	63567	WSMTR	70.0		SUN	PV	(T) Regulatory approvals received. Not under construction	70.0
2027	4	65511		IPP	Aragon Energy Storage	GA	66431	ARAG1	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	4	66253		IPP	Donegal Solar Project	TX	67543	DOGSP	204.2		SUN	PV	(T) Regulatory approvals received. Not under construction	204.2
2027	4	64138		IPP	Friesian Holdings	NC	60692	PV1	75.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	75.0
2027	4	66360		IPP	Imperial Power Plant LLC	TX	67742	SUGAR	144.0		NG	IC	(P) Planned for installation, but regulatory approvals not initiated	148.0
2027	4	66255		IPP	Jim Wells BESS	TX	67553	RIC99	100.3		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.3
2027	4	66254		IPP	Leitrim Solar Park	TX	67544	LEGSP	91.2		SUN	PV	(T) Regulatory approvals received. Not under construction	91.2
2027	4	65837		IPP	Timber Cove Solar	TX	66922	59957	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	4	59966	ESC Harrison County Power	IPP	ESC Harrison County Power	WV	60206	HCCA1	205.4		NG	CA	(P) Planned for installation, but regulatory approvals not initiated	207.4
2027	4	59966	ESC Harrison County Power	IPP	ESC Harrison County Power	WV	60206	HCC11	319.1		NG	CT	(P) Planned for installation, but regulatory approvals not initiated	371.5
2027	4	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Merrillville Solar	IN	66114	INRD1	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	5	65687		IPP	Accalia Point Solar, LLC	TX	66673	66666	190.5		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	190.5
2027	5	66369		IPP	Cumbia Energy Center	TX	67768	CECBA	200.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	5	66255		IPP	Dunlay Solar	TX	67559	RIC95	150.5		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	180.4
2027	5	66374		IPP	Harryoung PV and BESS	TX	67777	GRS4B	190.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	190.0
2027	5	66374		IPP	Harryoung PV and BESS	TX	67777	GRS4P	190.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	190.0
2027	5	65777		IPP	Hillsboro Solar 3	AL	66852	HILL3	200.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2027	5	66108		IPP	Hinds Solar, LLC	MS	67231	HS	150.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2027	5	63289		IPP	KCE NY 30, LLC	NY	67838	NY30	50.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2027	5	63289		IPP	KCE NY 31, LLC	NY	67839	NY31	50.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2027	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN1	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN2	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN3	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN4	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN5	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN6	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	63807		IPP	Red Antelope Solar & Energy Storage Farm	AZ	64208	30PNA	400.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.0
2027	5	63807		IPP	Red Antelope Solar & Energy Storage Farm	AZ	64208	30PNB	300.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	5	65079		IPP	Rowdy Creek Solar and BESS	TX	65854	RDYBS	350.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	350.0
2027	5	65079		IPP	Rowdy Creek Solar and BESS	TX	65854	RDYPV	700.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	700.0
2027	5	62910	300MS 8me LLC	IPP	Southern Bighorn Solar Hybrid	NV	63113	BESS	300.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	95.0
2027	5	62910	300MS 8me LLC	IPP	Southern Bighorn Solar Hybrid	NV	63113	SBS	300.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	5	54803	Dynegy Oakland, LLC	IPP	Dynegy Oakland Power Plant	CA	6211	GEN4	43.3		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	43.3
2027	5	6738	Franklin Heating Station	Commercial	Franklin Heating Station	MN	54224	CTG1	7.3		NG	CT	(L) Regulatory approvals pending. Not under construction	7.5
2027	5	6738	Franklin Heating Station	Commercial	Franklin Heating Station	MN	54224	EG11	3.4		DFO	IC	(L) Regulatory approvals pending. Not under construction	3.4
2027	5	6738	Franklin Heating Station	Commercial	Franklin Heating Station	MN	54224	EG12	3.4		DFO	IC	(L) Regulatory approvals pending. Not under construction	3.4
2027	5	6738	Franklin Heating Station	Commercial	Franklin Heating Station	MN	54224	EG13	3.4		DFO	IC	(L) Regulatory approvals pending. Not under construction	3.4
2027	5	6738	Franklin Heating Station	Commercial	Franklin Heating Station	MN	54224	EG14	3.4		DFO	IC	(L) Regulatory approvals pending. Not under construction	3.4
2027	5	6738	Franklin Heating Station	Commercial	Franklin Heating Station	MN	54224	EG15	3.4		DFO	IC	(L) Regulatory approvals pending. Not under construction	3.4
2027	6	65777		IPP	Beaver Creek Solar	PA	66850	BEAC1	34.2		SUN	PV	(L) Regulatory approvals pending. Not under construction	34.2
2027	6	66369		IPP	Bramble Energy Center	TX	67767	BECBA	225.1		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	225.1
2027	6	66100		IPP	Diamond Solar (NY)	NY	67220	NY48	60.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2027	6	66100		IPP	Foothills Solar (NY)	NY	67221	NY128	40.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	40.0
2027	6	65105		IPP	Peeler Solar, LLC	TX	65932	PEELR	200.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2027	6	66380		IPP	RedSun PV and BESS	TX	67782	GS22B	84.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	84.0
2027	6	66380		IPP	RedSun PV and BESS	TX	67782	GS22P	84.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	84.0
2027	6	64514		IPP	Royalston Solar One	MA	65136	VCP04	5.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2027	6	64514		IPP	Royalston Solar One	MA	65136	VCPS1	2.5		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	2.5
2027	6	64387		IPP	Sandy Creek Solar	NY	64913	GEN1	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2027	6	64657		IPP	Vacherie Solar Energy Center, LLC	LA	65345	VSEC	150.0		SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2027	6	65104		IPP	Vermillion Rise Solar	IN	65935	14	225.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	225.0
2027	6	66318		IPP	Zeta Solar & Storage	CA	67676	GEN01	75.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	75.0
2027	6	66318		IPP	Zeta Solar & Storage	CA	67676	GEN02	75.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	75.0
2027	6	58597	Enviromission, Inc	IPP	La Paz Solar Tower	AZ	58652	1	200.0		SUN	OT	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	CA1	249.9		NG	CA	(T) Regulatory approvals received. Not under construction	265.2
2027	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	GT1	226.7		NG	CT	(T) Regulatory approvals received. Not under construction	238.9
2027	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	GT2	226.7		NG	CT	(T) Regulatory approvals received. Not under construction	238.9
2027	7	66384		IPP	Longhorn BESS	TX	67798	GRS7	193.7		MWH	BA	(L) Regulatory approvals pending. Not under construction	193.7
2027	7	64726		IPP	Mill Pond Hydro	NY	65399	U3	0.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.5

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2027	7	64265		IPP	Notch Peak Solar LLC	UT	64669	KOV4A	324.0		SUN	PV	(T) Regulatory approvals received. Not under construction	324.0
2027	7	65986		IPP	Pecan BESS	TX	67774	GRS3	157.1		MWH	BA	(L) Regulatory approvals pending. Not under construction	157.1
2027	7	64904		IPP	Somerset Solar LLC	NY	67324	NYSOM	125.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	7	65690		IPP	Whale Rock Pumped Storage Hydro Project	CA	66685	WH001	200.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	65690		IPP	Whale Rock Pumped Storage Hydro Project	CA	66685	WH002	200.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	65690		IPP	Whale Rock Pumped Storage Hydro Project	CA	66685	WH003	200.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	924	Associated Electric Coop, Inc	Electric Utility	Turney Energy Center	MO	67263	TN1	411.4		NG	GT	(L) Regulatory approvals pending. Not under construction	419.0
2027	7	59686	Coronado Power Ventures LLC	IPP	Aegle Power	TX	59924	CTG-1	430.0		NG	CT	(P) Planned for installation, but regulatory approvals not initiated	430.0
2027	7	59686	Coronado Power Ventures LLC	IPP	Aegle Power	TX	59924	CTG-2	430.0		NG	CT	(P) Planned for installation, but regulatory approvals not initiated	430.0
2027	7	59686	Coronado Power Ventures LLC	IPP	Aegle Power	TX	59924	STG-1	422.0		NG	CA	(P) Planned for installation, but regulatory approvals not initiated	422.0
2027	7	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	WT1	2.4		WND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2027	7	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	WT2	2.4		WND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2027	7	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	WT3	2.4		WND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2027	7	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	WT4	2.4		WND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2027	7	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	WT5	2.4		WND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2027	8	65698		IPP	Holly Branch Solar, LLC	TX	66692	HOLLY	230.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	230.0
2027	8	65698		IPP	Holly Branch Solar, LLC	TX	66692	HOLLY	100.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2027	9	65715		IPP	Austin Creek Solar	IL	66703	11103	140.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	140.0
2027	9	65587		IPP	Mammoth Central Solar Project	IN	66546	MMTHC	300.0		SUN	PV	(T) Regulatory approvals received. Not under construction	300.0
2027	9	65587		IPP	Mammoth Central Solar Project	IN	66546	MTHC2	300.0		SUN	PV	(T) Regulatory approvals received. Not under construction	300.0
2027	9	65588		IPP	Mammoth South Solar Project	IN	66545	MMTHS	300.0		SUN	PV	(U) Under construction, less than or equal to 50 percent complete	300.0
2027	9	65715		IPP	Patoka Solar	IN	66706	11101	250.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2027	9	65715		IPP	Prairie Oak Solar	IL	66707	11102	250.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2027	9	66263		IPP	Wittig Solar Park	TX	67568	WIGSP	96.0		SUN	PV	(T) Regulatory approvals received. Not under construction	96.0
2027	9	61060	Cypress Creek Renewables	IPP	Scotch Grove Solar	NC	67663	SGROV	80.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2027	10	66191		IPP	Mineral Basin Solar Power	PA	67378	MB	401.6		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	401.6
2027	10	56769	Consolidated Edison Development Inc.	IPP	Alamo 3 BESS 2	TX	66293	A3BS2	100.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	10	14063	Oklahoma Gas & Electric Co	Electric Utility	Horseshoe Lake	OK	2951	11	224.0		NG	GT	(T) Regulatory approvals received. Not under construction	224.0
2027	10	14063	Oklahoma Gas & Electric Co	Electric Utility	Horseshoe Lake	OK	2951	12	224.0		NG	GT	(T) Regulatory approvals received. Not under construction	224.0
2027	10	61906	Rye Development	IPP	Emsworth L&D Hydroelectric Project	PA	62433	NA1	5.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2027	10	19436	Union Electric Co - (MO)	Electric Utility	Castle Bluff Energy Center	MO	67576	1	175.0		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	216.0
2027	10	19436	Union Electric Co - (MO)	Electric Utility	Castle Bluff Energy Center	MO	67576	2	175.0		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	216.0
2027	10	19436	Union Electric Co - (MO)	Electric Utility	Castle Bluff Energy Center	MO	67576	3	175.0		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	216.0
2027	11	65441		IPP	Black Walnut Solar, LLC	NC	66363	GEN1	80.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2027	11	64452		IPP	Homer Solar Energy Center	NY	65052	HSEC	90.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	90.0
2027	11	64904		IPP	Kahana Solar, LLC	HI	64095	KSBA	20.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2027	11	64904		IPP	Kahana Solar, LLC	HI	64095	KSSOL	20.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2027	11	64452		IPP	Rock House Solar	GA	67226	ROCKH	250.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2027	11	64452		IPP	Tracy Solar Energy Center	NY	65051	TSEC	119.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	119.0
2027	11	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	1	0.6		WAT	HY	(T) Regulatory approvals received. Not under construction	0.6
2027	11	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	2	0.6		WAT	HY	(T) Regulatory approvals received. Not under construction	0.6
2027	11	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	3	0.2		WAT	HY	(T) Regulatory approvals received. Not under construction	0.2
2027	11	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	4	0.2		WAT	HY	(T) Regulatory approvals received. Not under construction	0.2
2027	11	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	5	0.6		WAT	HY	(T) Regulatory approvals received. Not under construction	0.6
2027	11	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	6	0.6		WAT	HY	(T) Regulatory approvals received. Not under construction	0.6
2027	11	61906	Rye Development	IPP	Allegheny L&D2 Hydroelectric Project	PA	62401	NA1	2.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	4.5
2027	11	61906	Rye Development	IPP	Emsworth BC Hydroelectric Project	PA	62434	NA1	3.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2027	11	61906	Rye Development	IPP	Emsworth L&D Hydroelectric Project	PA	62433	NA2	5.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2027	12	65815		IPP	Albatross Solar, LLC	TX	66894	ALBBA	50.4		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.4
2027	12	65815		IPP	Albatross Solar, LLC	TX	66894	ALBPV	101.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	101.0
2027	12	63520		IPP	Arida Solar (Hybrid)	NV	63841	ARIDA	370.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	370.0
2027	12	63520		IPP	Arida Solar (Hybrid)	NV	63841	BESS	370.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	370.0
2027	12	64736		IPP	Beartooth Energy Storage LLC	MT	65407	BEAR1	50.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	50.0
2027	12	64452		IPP	Bonanza Solar and Storage Project	NV	66908	BZES	195.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	195.0
2027	12	64452		IPP	Bonanza Solar and Storage Project	NV	66908	BZPV	300.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2027	12	65697		IPP	Briggs Solar, LLC	TX	66691	BRIGG	305.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	305.0
2027	12	65697		IPP	Briggs Solar, LLC	TX	66691	BRUGG	70.5		MWH	BA	(L) Regulatory approvals pending. Not under construction	70.5
2027	12	66181		IPP	CPV County Line Solar, LLC	VA	67352	CPVCL	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	64615		IPP	Elm Spring Solar 1	VA	65313	ES	3.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2027	12	64904		IPP	Empire Solar (NY)	NY	66663	EMPIR	125.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	125.0
2027	12	65777		IPP	Fairview Solar (AR)	AR	66851	FAIR1	75.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	75.0
2027	12	63289		IPP	KCE NY 35, LLC	NY	67840	NY35	200.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	12	63289		IPP	KCE NY 36, LLC	NY	67841	NY36	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	64245		IPP	Kingsley Solar Farm	CA	64634	90F18	225.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	225.0
2027	12	64245		IPP	Kingsley Solar Farm	CA	64634	90F1B	74.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	74.0
2027	12	66187		IPP	Lake Whitney Solar	TX	67358	4670	150.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	65812		IPP	Lumberton PV 1, LLC	TX	66904	LBTN	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	12	65815		IPP	Lupinus Solar 2, LLC	TX	66896	LP2BA	122.9		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	122.9
2027	12	65815		IPP	Lupinus Solar 2, LLC	TX	66896	LP2PV	244.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	244.0
2027	12	64452		IPP	Lycan Solar Project	CA	66805	LYCAN	400.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2027	12	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN10	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN11	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN12	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN7	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN8	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN9	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	64800		IPP	Nolin Hills	OR	60070	GEN	300.0		WND	WT	(L) Regulatory approvals pending. Not under construction	300.0
2027	12	63465		IPP	Rough Hat	NV	63782	RH1	400.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2027	12	64615		IPP	Shenvalee Solar	VA	65312	SV	3.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2027	12	64389		IPP	South Ripley Solar	NY	64911	CSRB1	20.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	20.0
2027	12	64389		IPP	South Ripley Solar	NY	64911	CSRS1	270.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	270.0
2027	12	64606		IPP	Steward Creek Solar Phase 1	IL	65301	SC1	1,200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1,200.0
2027	12	65104		IPP	Vermillion Rise Solar	IN	65935	BAT	40.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	40.0
2027	12	66190		IPP	Waco Solar II	TX	67354	5698	190.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	190.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2027	12	60799	33UI 8me LLC	IPP	Gale 1 Solar	UT	61170	33UI8	300.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	12	60799	33UI 8me LLC	IPP	Gale 1 Solar	UT	61170	33UI9	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	56769	Consolidated Edison Development Inc.	IPP	Crane 2 BESS 2	TX	66300	CRBS2	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	56769	Consolidated Edison Development Inc.	IPP	Uvalde 2 BESS 1	TX	66304	UVBS1	75.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	75.0
2027	12	56769	Consolidated Edison Development Inc.	IPP	Uvalde 2 BESS 2	TX	66305	UVBS2	150.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	56769	Consolidated Edison Development Inc.	IPP	Uvalde Solar 2	TX	66309	UVPV2	300.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	12	61060	Cypress Creek Renewables	IPP	Bhalu	TX	67652	BHALU	200.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2027	12	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	CA1	249.9		NG	CA	(T) Regulatory approvals received. Not under construction	265.2
2027	12	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	GT1	226.7		NG	CT	(T) Regulatory approvals received. Not under construction	238.9
2027	12	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	GT2	226.7		NG	CT	(T) Regulatory approvals received. Not under construction	238.9
2027	12	49893	Invenergy Services LLC	IPP	Powell Solar	OR	67157	BESS1	20.5		MWH	BA	(T) Regulatory approvals received. Not under construction	20.5
2027	12	49893	Invenergy Services LLC	IPP	Powell Solar	OR	67157	PV1	55.9		SUN	PV	(T) Regulatory approvals received. Not under construction	55.9
2027	12	60223	Ketchikan Electric Company	Electric Utility	Mahoney Lake Hydroelectric	AK	59027	GEN 1	9.6		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	9.6
2027	12	50123	Leeward Asset Management, LLC	IPP	Rose Gold Solar	IN	65471	RGS23	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	12	61596	Lincoln Land Energy Center LLC	IPP	Lincoln Land Energy Center	IL	62022	GEN1	520.0		NG	CS	(P) Planned for installation, but regulatory approvals not initiated	638.4
2027	12	61906	Rye Development	IPP	Allegheny L&D2 Hydroelectric Project	PA	62401	NA2	2.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	4.5
2027	12	61906	Rye Development	IPP	Emsworth BC Hydroelectric Project	PA	62434	NA2	4.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2027	12	61906	Rye Development	IPP	Emsworth BC Hydroelectric Project	PA	62434	NA3	5.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2027	12	61906	Rye Development	IPP	Emsworth L&D Hydroelectric Project	PA	62433	NA3	5.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2027	12	18642	Tennessee Valley Authority	Electric Utility	Lawrence County Solar	AL	67233	SOL1	193.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	193.0
2028	1	65688		IPP	Cold Creek Solar	NY	66674	CCBA	20.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2028	1	65688		IPP	Cold Creek Solar	NY	66674	CCSOL	108.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	108.0
2028	1	65478		IPP	Eytcheson Solar	TX	66398	EYTCH	76.4		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	76.4
2028	1	66375		IPP	Findley PV and BESS	TX	67778	GR16B	50.3		MWH	BA	(L) Regulatory approvals pending. Not under construction	50.3
2028	1	66375		IPP	Findley PV and BESS	TX	67778	GR16P	50.3		SUN	PV	(L) Regulatory approvals pending. Not under construction	50.3
2028	1	65091		IPP	Rosebud Solar, LLC	TX	65899	ROSEB	132.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	132.0
2028	1	6738	Franklin Heating Station	Commercial	Franklin Heating Station	MN	54224	DG9	3.1		DFO	IC	(T) Regulatory approvals received. Not under construction	3.1
2028	2	65777		IPP	Spring Valley Solar 2	AL	66858	SPRV2	200.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2028	2	61596	Lincoln Land Energy Center LLC	IPP	Lincoln Land Energy Center	IL	62022	GEN2	520.0		NG	CS	(P) Planned for installation, but regulatory approvals not initiated	638.4
2028	3	65410		IPP	Ash Creek BESS	TX	66391	BESS	306.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	306.0
2028	3	63697		IPP	Auburn PV - BD Solar Auburn LLC	ME	64067	AUBPV	5.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2028	3	63701		IPP	Lewiston Jn PV - BD Solar Lewiston Jn LLC	ME	64071	LJNPV	5.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2028	3	15143	Platte River Power Authority	Electric Utility	Rawhide	CO	6761	G	44.6		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	44.6
2028	3	15143	Platte River Power Authority	Electric Utility	Rawhide	CO	6761	H	44.6		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	44.6
2028	4	66255		IPP	Blackcat BESS	TX	67558	RIC96	200.6		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.6
2028	4	63553		IPP	Haymaker Hybrid	MT	63878	HAY	600.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	600.0
2028	4	66255		IPP	Menard Solar	TX	67561	RIC93	90.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	90.0
2028	4	66255		IPP	Serrano BESS	TX	67566	RIC97	185.6		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	185.6
2028	4	61060	Cypress Creek Renewables	IPP	Malala	TX	67660	MALAL	200.0		MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2028	4	11241	Entergy Louisiana LLC	Electric Utility	Bayou Power Station	LA	67541	RICE1	18.8		NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2028	4	11241	Entergy Louisiana LLC	Electric Utility	Bayou Power Station	LA	67541	RICE2	18.8		NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2028	4	11241	Entergy Louisiana LLC	Electric Utility	Bayou Power Station	LA	67541	RICE3	18.8		NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2028	4	11241	Entergy Louisiana LLC	Electric Utility	Bayou Power Station	LA	67541	RICE4	18.8		NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2028	4	11241	Entergy Louisiana LLC	Electric Utility	Bayou Power Station	LA	67541	RICE5	18.8		NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2028	4	11241	Entergy Louisiana LLC	Electric Utility	Bayou Power Station	LA	67541	RICE6	18.8		NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2028	4	61906	Rye Development	IPP	Grenada Lake Hydroelectric Project	MS	62430	NA1	4.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	5.0
2028	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN13	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN14	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN15	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN16	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN17	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493		Electric Utility	NTEC Gas Plant	NM	66478	GEN18	37.6		NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	61906	Rye Development	IPP	Grenada Lake Hydroelectric Project	MS	62430	NA2	4.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	5.0
2028	6	62161		IPP	Centaurus Solar - GA	GA	67787	CENTA	400.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2028	6	50123	Leeward Asset Management, LLC	IPP	Owens Creek Solar	IL	65446	OCS	500.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2028	6	13902	NorthWestern Energy (MT Hydro)	Electric Utility	Hauser	MT	2185	HAU9	3.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	3.5
2028	6	61906	Rye Development	IPP	Arkabutla Lake Hydroelectric Project	MS	62402	NA1	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	6	61906	Rye Development	IPP	Grays Landing L&D Hydroelectric Project	PA	62388	NA1	4.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2028	6	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA1	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2028	6	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA2	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2028	7	65690		IPP	Haiwee Pumped Storage Project	CA	66686	HL001	250.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690		IPP	Haiwee Pumped Storage Project	CA	66686	HL002	250.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690		IPP	Haiwee Pumped Storage Project	CA	66686	HL003	250.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690		IPP	Haiwee Pumped Storage Project	CA	66686	HL004	250.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65821		IPP	Hecate Grid Intrepid	NY	66911	HGIN1	250.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65821		IPP	Hecate Grid Intrepid	NY	66911	HGIN6	50.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2028	7	65690		IPP	Intermountain Pumped Storage Project	UT	66684	HL001	250.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690		IPP	Intermountain Pumped Storage Project	UT	66684	HL002	250.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690		IPP	Intermountain Pumped Storage Project	UT	66684	HL003	250.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690		IPP	Intermountain Pumped Storage Project	UT	66684	HL004	250.0		WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	61906	Rye Development	IPP	Arkabutla Lake Hydroelectric Project	MS	62402	NA2	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	7	61906	Rye Development	IPP	Grays Landing L&D Hydroelectric Project	PA	62388	NA2	4.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2028	7	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA3	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2028	7	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA4	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2028	8	65457		IPP	Panther Branch Solar, LLC	NC	66385	GEN1	80.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2028	8	61906	Rye Development	IPP	Morgantown L&D Hydroelectric Project	WV	62387	NA1	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	8	61906	Rye Development	IPP	Opekiska L&D Hydroelectric Project	WV	62386	NA1	2.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	3.0
2028	8	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA5	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2028	8	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA6	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2028	9	61906	Rye Development	IPP	Morgantown L&D Hydroelectric Project	WV	62387	NA2	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	9	61906	Rye Development	IPP	Opekiska L&D Hydroelectric Project	WV	62386	NA2	2.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	3.0
2028	10	63289		IPP	KCE CT 1, LLC	CT	66879	CT1	105.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	105.0
2028	10	63626		IPP	Two Rivers Wind Facility	WY	63972	TR1	6.1		WND	WT	(L) Regulatory approvals pending. Not under construction	6.1
2028	10	61906	Rye Development	IPP	Beverly L&D Hydroelectric Project	OH	62403	NA1	1.2		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.5

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2028	10	61906	Rye Development	IPP	Devola L&D Hydroelectric Project	OH	62435	NA1	1.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2028	10	61906	Rye Development	IPP	Enid Lake Hydroelectric Project	MS	62432	NA1	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	10	61906	Rye Development	IPP	KY No. 11 L&D Hydroelectric Project	KY	62390	NA1	0.3		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.5
2028	10	61906	Rye Development	IPP	Lowell L&D Hydroelectric Project	OH	62429	NA1	2.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	10	61906	Rye Development	IPP	Monongahela L&D4 Hydroelectric Project	PA	62404	NA1	4.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2028	10	61906	Rye Development	IPP	Montgomery L&D Hydroelectric Project	PA	62400	NA1	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2028	10	61906	Rye Development	IPP	Philo L&D Hydroelectric Project	OH	62427	NA1	1.2		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.5
2028	10	61906	Rye Development	IPP	Rokeby L&D Hydroelectric Project	OH	62426	NA1	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2028	10	61906	Rye Development	IPP	Sardis Lake Hydroelectric Project	MS	62425	NA1	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	7.5
2028	11	58880	Gallegos Wind Farm LLC	IPP	Gallegos Wind Farm, Phase 1	NM	59047	GEN 1	190.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	190.0
2028	11	61906	Rye Development	IPP	Beverly L&D Hydroelectric Project	OH	62403	NA2	1.2		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.5
2028	11	61906	Rye Development	IPP	Devola L&D Hydroelectric Project	OH	62435	NA2	1.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2028	11	61906	Rye Development	IPP	Enid Lake Hydroelectric Project	MS	62432	NA2	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	11	61906	Rye Development	IPP	KY No. 11 L&D Hydroelectric Project	KY	62390	NA2	0.3		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.5
2028	11	61906	Rye Development	IPP	KY No. 11 L&D Hydroelectric Project	KY	62390	NA3	0.3		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.5
2028	11	61906	Rye Development	IPP	KY No. 11 L&D Hydroelectric Project	KY	62390	NA4	0.3		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.5
2028	11	61906	Rye Development	IPP	KY No. 11 L&D Hydroelectric Project	KY	62390	NA5	0.3		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.5
2028	11	61906	Rye Development	IPP	Lowell L&D Hydroelectric Project	OH	62429	NA2	2.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	11	61906	Rye Development	IPP	Malta L&D Hydroelectric Project	OH	62428	NA1	1.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2028	11	61906	Rye Development	IPP	Malta L&D Hydroelectric Project	OH	62428	NA2	1.0		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2028	11	61906	Rye Development	IPP	Maxwell L&D Hydroelectric Project	PA	62385	NA1	4.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2028	11	61906	Rye Development	IPP	Monongahela L&D4 Hydroelectric Project	PA	62404	NA2	4.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2028	11	61906	Rye Development	IPP	Montgomery L&D Hydroelectric Project	PA	62400	NA2	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2028	11	61906	Rye Development	IPP	Philo L&D Hydroelectric Project	OH	62427	NA2	1.2		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.5
2028	11	61906	Rye Development	IPP	Point Marion L&D Hydroelectric Project	PA	62384	NA1	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	11	61906	Rye Development	IPP	Rokeby L&D Hydroelectric Project	OH	62426	NA2	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2028	11	61906	Rye Development	IPP	Sardis Lake Hydroelectric Project	MS	62425	NA2	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	7.5
2028	12	64388		IPP	Mill Point Solar	NY	64912	CMPS1	250.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	12	64540		IPP	Prairie Violet Wind LLC	IL	66343	PVLET	130.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	130.0
2028	12	64246		IPP	Sienna Solar Farm	CA	64632	99MT8	200.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2028	12	64246		IPP	Sienna Solar Farm	CA	64632	99MTB	200.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2028	12	66259		IPP	Vista Sands Solar	WI	67551	VISTA	1,182.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	1,182.0
2028	12	61817	Collard Holdings, LLC	IPP	Collard Holdings Solar	NC	62317	PV	10.0		SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
2028	12	61956	Mount Sinai South Nassau Hospital	Commercial	Mount Sinai South Nassau Hospital	NY	62447	5	3.9		DFO	IC	(V) Under construction, more than 50 percent complete	3.9
2028	12	61956	Mount Sinai South Nassau Hospital	Commercial	Mount Sinai South Nassau Hospital	NY	62447	6	3.9		DFO	IC	(V) Under construction, more than 50 percent complete	3.9
2028	12	61784	Rolling Upland Wind Farm LLC	IPP	Rolling Upland Wind Farm LLC	NY	62262	GEN1	71.4		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	71.4
2028	12	61906	Rye Development	IPP	Maxwell L&D Hydroelectric Project	PA	62385	NA2	4.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2028	12	61906	Rye Development	IPP	Montgomery L&D Hydroelectric Project	PA	62400	NA3	5.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2028	12	61906	Rye Development	IPP	Point Marion L&D Hydroelectric Project	PA	62384	NA2	1.5		WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2029	1	66397		IPP	Robinson Solar	NV	67819	CRSB1	1,000.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	1,000.0
2029	1	66397		IPP	Robinson Solar	NV	67819	CRSS1	1,000.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1,000.0
2029	7	64904		IPP	Riverside Solar LLC	NY	67325	NYRIV	100.0		SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2029	12	65708		IPP	Buffalo Branch Wind and Solar LLC	MO	66701	BB1	247.0		WND	WT	(P) Planned for installation, but regulatory approvals not initiated	247.0
2029	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	I-A	892.8		WND	WT	(U) Under construction, less than or equal to 50 percent complete	892.8
2029	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	I-B	885.6		WND	WT	(U) Under construction, less than or equal to 50 percent complete	885.6
2030	1	1182	BASF Corporation	Industrial	Geismar	LA	10319	GEN4	42.0		NG	GT	(P) Planned for installation, but regulatory approvals not initiated	45.0
2030	1	1182	BASF Corporation	Industrial	Geismar	LA	10319	GEN5	25.0		NG	ST	(P) Planned for installation, but regulatory approvals not initiated	25.0
2030	1	55983	Luminant Generation Company LLC	IPP	Alira	TX	63193	UNIT1	222.8		SUN	PV	(L) Regulatory approvals pending. Not under construction	222.8
2030	4	64452		IPP	Lycan Solar Project	CA	66805	LYCN2	400.0		MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	400.0
2030	10	65110		IPP	Winding Stair Wind	IA	65938	WINDG	212.0		WND	WT	(L) Regulatory approvals pending. Not under construction	212.0
2030	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	I-A	980.1		WND	WT	(U) Under construction, less than or equal to 50 percent complete	980.1
2031	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	I-B	792.0		WND	WT	(U) Under construction, less than or equal to 50 percent complete	792.0
2039	12	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	CTG	11.6		OBG	CT	(U) Under construction, less than or equal to 50 percent complete	12.0
2039	12	56789	TBE Montgomery LLC	IPP	TBE-Montgomery LLC	NY	57472	STG	7.4		OBG	CA	(U) Under construction, less than or equal to 50 percent complete	9.0

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this table.
 Entity ID and Plant ID are official, unique identification numbers assigned by EIA; Generator IDs are assigned by plant owners and/or operators.

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
2024	5	58535	Eagle Valley Clean Energy LLC	IPP	Eagle Valley Clean Energy LLC Biomass	CO	58574	01	12.6		WDS	ST
2024	7	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	1PT1	1.8		WAT	HY
2024	7	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	1PT2	1.8		WAT	HY
2024	7	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	1PT3	1.8		WAT	HY
2024	7	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	3T1	0.5		WAT	HY
2024	7	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	3T2	0.2		WAT	HY
2024	7	15248	Portland General Electric Co	Electric Utility	Salem Smart Power Center	OR	60441	SSPC	5.0		MWH	BA
2024	7	20541	Wheelabrator Environmental Systems	Commercial	Wheelabrator Portsmouth	VA	54998	1410	15.5		MSW	ST
2024	7	20541	Wheelabrator Environmental Systems	Commercial	Wheelabrator Portsmouth	VA	54998	1420	15.5		MSW	ST
2024	7	20541	Wheelabrator Environmental Systems	Commercial	Wheelabrator Portsmouth	VA	54998	1430	15.5		MSW	ST
2024	8	16534	Sacramento Municipal Util Dist	Electric Utility	White Rock/Slab Creek	CA	435	H4	0.5		WAT	HY
2024	9	1058	B Braun Medical Inc	Industrial	B Braun Medical	CA	50200	GEN1	2.7		NG	GT
2024	9	1058	B Braun Medical Inc	Industrial	B Braun Medical	CA	50200	GEN2	3.0		NG	GT
2024	9	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	1A	1.1		DFO	IC
2024	9	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	2A	1.1		DFO	IC
2024	9	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	3A	1.1		DFO	IC
2024	9	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	4	1.1		DFO	IC
2024	9	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	8	1.3		DFO	IC
2024	9	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	9	2.0		DFO	IC
2024	9	8453	Hendricks Regional Health	Commercial	Hendricks Regional Health	IN	54731	GEO1	0.5		DFO	IC
2024	9	8453	Hendricks Regional Health	Commercial	Hendricks Regional Health	IN	54731	GEO2	0.5		DFO	IC
2024	9	8453	Hendricks Regional Health	Commercial	Hendricks Regional Health	IN	54731	GEO3	0.3		DFO	IC
2024	10	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN2	80.0		NG	CA
2024	10	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN3	94.0		NG	CA
2024	10	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN4	49.0		NG	CA
2024	10	61950	Terra-Gen Operating Co-Solar	IPP	SEGS IX	CA	10446	GEN1	88.0		SUN	ST
2024	12	5416	Duke Energy Carolinas, LLC	Electric Utility	G G Allen	NC	2718	1	120.0		BIT	ST
2024	12	5416	Duke Energy Carolinas, LLC	Electric Utility	G G Allen	NC	2718	5	259.0		BIT	ST
2024	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	6	45.0		NG	ST
2024	12	7601	Green Mountain Power Corp	Electric Utility	Rutland	VT	3723	GT5	8.4		DFO	IC
2024	12	59504	Kirkwood Community College	IPP	Kirkwood Wind Turbine	IA	59735	KCC01	0.7		WND	WT
2024	12	11249	Louisville Gas & Electric Co	Electric Utility	Mill Creek (KY)	KY	1364	1	300.0		BIT	ST
2024	12	13914	Occidental Chemical Corporation	Industrial	Wichita Plant	KS	50169	GEN1	27.0		NG	GT
2024	12	14328	Pacific Gas & Electric Co.	Electric Utility	Cow Creek	CA	229	1	0.9		WAT	HY
2024	12	14328	Pacific Gas & Electric Co.	Electric Utility	Cow Creek	CA	229	2	0.9		WAT	HY
2024	12	14328	Pacific Gas & Electric Co.	Electric Utility	Kilarc	CA	253	1	1.6		WAT	HY
2024	12	15400	Procter & Gamble Co	Industrial	Procter & Gamble Cincinnati Plant	OH	50456	GEN1	11.7		NG	ST
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G10	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G11	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G12	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G13	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G14	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G15	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G16	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G17	46.4		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G18	46.4		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G19	46.4		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G20	46.4		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT1	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT2	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT3	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT4	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT5	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT6	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT7	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT8	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT9	15.1		DFO	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G10	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G11	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G12	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G13	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G14	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G15	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G16	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT1	47.1		NG	GT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT2	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT3	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT4	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT5	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT6	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT7	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT8	47.1		NG	GT
2024	12	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT9	47.1		NG	GT
2025	1	17568	Cooperative Energy	Electric Utility	Moselle	MS	2070	3	59.0		NG	ST
2025	1	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN6	52.0		NG	CT
2025	3	16604	City of San Antonio - (TX)	Electric Utility	V H Braunig	TX	3612	1	217.0		NG	ST
2025	3	16604	City of San Antonio - (TX)	Electric Utility	V H Braunig	TX	3612	2	230.0		NG	ST
2025	3	16604	City of San Antonio - (TX)	Electric Utility	V H Braunig	TX	3612	3	412.0		NG	ST
2025	4	65792		Commercial	ITT Cogen Facility	IL	52021	GEN1	3.5		NG	GT
2025	4	65792		Commercial	ITT Cogen Facility	IL	52021	GEN2	3.5		NG	GT
2025	4	6452	Florida Power & Light Co	Electric Utility	Pea Ridge	FL	7715	1	4.0		NG	GT
2025	4	6452	Florida Power & Light Co	Electric Utility	Pea Ridge	FL	7715	2	4.0		NG	GT
2025	4	6452	Florida Power & Light Co	Electric Utility	Pea Ridge	FL	7715	3	4.0		NG	GT
2025	5	4254	Consumers Energy Co - (MI)	Electric Utility	J H Campbell	MI	1710	1	260.0		SUB	ST
2025	5	4254	Consumers Energy Co - (MI)	Electric Utility	J H Campbell	MI	1710	2	355.5		SUB	ST
2025	5	4254	Consumers Energy Co - (MI)	Electric Utility	J H Campbell	MI	1710	3	784.6		SUB	ST
2025	5	20847	Wisconsin Electric Power Co	Electric Utility	South Oak Creek	WI	4041	7	306.5		SUB	ST
2025	5	20847	Wisconsin Electric Power Co	Electric Utility	South Oak Creek	WI	4041	8	309.5		SUB	ST
2025	6	60421	Brandon Shores LLC	IPP	Brandon Shores	MD	602	1	635.0		BIT	ST
2025	6	60421	Brandon Shores LLC	IPP	Brandon Shores	MD	602	2	638.0		BIT	ST
2025	6	6035	Constellation Power, Inc	IPP	Eddystone Generating Station	PA	3161	3	380.0		NG	ST
2025	6	6035	Constellation Power, Inc	IPP	Eddystone Generating Station	PA	3161	4	380.0		NG	ST
2025	6	60422	H.A. Wagner LLC	IPP	Herbert A Wagner	MD	1554	1	126.0		DFO	ST
2025	6	60422	H.A. Wagner LLC	IPP	Herbert A Wagner	MD	1554	3	305.0		DFO	ST
2025	6	60422	H.A. Wagner LLC	IPP	Herbert A Wagner	MD	1554	4	397.0		DFO	ST
2025	6	19830	NRG Vienna Operations Inc	IPP	Vienna Operations	MD	1564	10	14.3		DFO	GT
2025	6	19830	NRG Vienna Operations Inc	IPP	Vienna Operations	MD	1564	8	153.0		RFO	ST
2025	6	18414	TES Filer City Station LP	Electric CHP	TES Filer City Station	MI	50835	GEN1	60.0		BIT	ST
2025	7	11208	Los Angeles Department of Water & Power	Electric Utility	Intermountain Power Project	UT	6481	1	900.0		BIT	ST
2025	7	11208	Los Angeles Department of Water & Power	Electric Utility	Intermountain Power Project	UT	6481	2	900.0		BIT	ST
2025	7	13781	Northern States Power Co - Minnesota	Electric Utility	White River (WI)	WI	3989	1	0.2		WAT	HY
2025	7	13781	Northern States Power Co - Minnesota	Electric Utility	White River (WI)	WI	3989	2	0.2		WAT	HY
2025	8	13157	City of Omaha	Commercial	Papillion Creek Wastewater	NE	55027	951	0.5		OBG	IC
2025	8	13157	City of Omaha	Commercial	Papillion Creek Wastewater	NE	55027	952	0.5		OBG	IC
2025	8	13157	City of Omaha	Commercial	Papillion Creek Wastewater	NE	55027	953	0.5		OBG	IC
2025	8	14328	Pacific Gas & Electric Co.	Electric Utility	Diablo Canyon	CA	6099	2	1,118.0		NUC	ST
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE10	0.8		LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE11	0.8		LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE12	0.8		LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE13	0.8		LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE14	0.8		LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN5	0.8		LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN6	0.8		LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN7	0.8		LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN8	0.8		LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN9	0.8		LFG	IC
2025	11	13781	Northern States Power Co - Minnesota	Electric Utility	Trego	WI	4012	1	0.4		WAT	HY
2025	11	13781	Northern States Power Co - Minnesota	Electric Utility	Trego	WI	4012	2	0.3		WAT	HY
2025	12	65384		Commercial	Hartford Hospital Cogeneration	CT	52061	GEN2	2.4		NG	CA
2025	12	65384		Commercial	Hartford Hospital Cogeneration	CT	52061	GEN3	6.2		NG	CT
2025	12	2138	Brainerd Public Utilities	Electric Utility	Brainerd Public Utilities	MN	50636	4	0.6		WAT	HY
2025	12	3249	Central Hudson Gas & Elec Corp	Electric Utility	Central Hudson High Falls	NY	579	1	3.2		WAT	HY
2025	12	3249	Central Hudson Gas & Elec Corp	Electric Utility	West Cocksackie	NY	2487	GT1	20.2		NG	GT
2025	12	17539	Dominion Energy South Carolina, Inc	Electric Utility	Coit GT	SC	3281	1	14.0		DFO	GT
2025	12	17539	Dominion Energy South Carolina, Inc	Electric Utility	Coit GT	SC	3281	2	12.0		DFO	GT
2025	12	5517	Dynegy Midwest Generation Inc	IPP	Baldwin Energy Complex	IL	889	1	576.0		SUB	ST
2025	12	5517	Dynegy Midwest Generation Inc	IPP	Baldwin Energy Complex	IL	889	2	581.0		SUB	ST
2025	12	13756	Northern Indiana Pub Serv Co	Electric Utility	R M Schahfer	IN	6085	17	361.0		BIT	ST
2025	12	13756	Northern Indiana Pub Serv Co	Electric Utility	R M Schahfer	IN	6085	18	361.0		BIT	ST
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Angus Anson	SD	7237	1	90.0		NG	GT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Angus Anson	SD	7237	2	90.0		NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	1	36.0		DFO	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	2	36.0		DFO	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	3	36.0		DFO	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	4	39.0		DFO	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Sherburne County	MN	6090	1	680.0		SUB	ST
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	1	44.0		NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	2	51.0		NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	3	44.0		NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	4	47.0		NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	6	48.0		DFO	GT
2025	12	14610	Orlando Utilities Comm	Electric Utility	Stanton Energy Center	FL	564	1	453.4		BIT	ST
2025	12	17470	PUD No 1 of Snohomish County	Electric Utility	MESA 1	WA	60016	A	1.0		MWH	BA
2025	12	17470	PUD No 1 of Snohomish County	Electric Utility	MESA 1	WA	60016	B	1.0		MWH	BA
2025	12	14354	PacifiCorp	Electric Utility	Naughton	WY	4162	1	156.0		SUB	ST
2025	12	14354	PacifiCorp	Electric Utility	Naughton	WY	4162	2	201.0		SUB	ST
2025	12	15466	Public Service Co of Colorado	Electric Utility	Comanche (CO)	CO	470	2	335.0		SUB	ST
2025	12	17633	Southern Indiana Gas & Elec Co	Electric Utility	F B Culley	IN	1012	2	90.0		BIT	ST
2025	12	17698	Southwestern Electric Power Co	Electric Utility	Arsenal Hill	LA	1416	5	110.0		NG	ST
2025	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	2	183.0		NG	ST
2025	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	2	61.0		NG	GT
2025	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	3	10.0		NG	GT
2025	12	19099	TransAlta Centralia Gen LLC	IPP	Transalta Centralia Generation	WA	3845	2	670.0		SUB	ST
2025	12	30151	Tri-State G & T Assn, Inc	Electric Utility	Craig (CO)	CO	6021	1	427.0		SUB	ST
2025	12	19436	Union Electric Co - (MO)	Electric Utility	Rush Island	MO	6155	1	589.0		SUB	ST
2025	12	19436	Union Electric Co - (MO)	Electric Utility	Rush Island	MO	6155	2	589.0		SUB	ST
2026	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	2	492.5		SUB	ST
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	13WT	0.1		WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	14wt	0.1		WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	15WT	0.1		WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	16WT	0.1		WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	17WT	0.1		WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	1WT	0.6		WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	2WT	0.1		WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	3WT	0.2		WND	WT
2026	5	57015	Third Taxing District of Norwalk	Electric Utility	Norden 1-3	CT	57689	NORD1	2.0		DFO	IC
2026	5	57015	Third Taxing District of Norwalk	Electric Utility	Norden 1-3	CT	57689	NORD2	2.0		DFO	IC
2026	5	57015	Third Taxing District of Norwalk	Electric Utility	Norden 1-3	CT	57689	NORD3	2.0		DFO	IC
2026	6	14605	City of Peabody - (MA)	Electric Utility	Waters River	MA	1678	1	16.0		NG	GT
2026	6	11241	Entergy Louisiana LLC	Electric Utility	Little Gypsy	LA	1402	2	412.0		NG	ST
2026	6	55937	Entergy Texas Inc.	Electric Utility	Sabine	TX	3459	3	374.9		NG	ST
2026	6	55937	Entergy Texas Inc.	Electric Utility	Sabine	TX	3459	4	490.8		NG	ST
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT1	9.6		NG	GT
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT2	9.7		NG	GT
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT3	12.1		NG	GT
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT4	5.8		NG	GT
2026	6	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	11wt	0.1		WND	WT
2026	6	13902	NorthWestern Energy (MT Hydro)	Electric Utility	Hauser	MT	2185	HAU3	2.8		WAT	HY
2026	6	20856	Wisconsin Power & Light Co	Electric Utility	Columbia (WI)	WI	8023	1	556.2		SUB	ST
2026	6	20856	Wisconsin Power & Light Co	Electric Utility	Columbia (WI)	WI	8023	2	561.8		SUB	ST
2026	8	60474		IPP	Bergenmand Solar Partners, LLC Mahwah	NJ	63200	SA1	0.5		SUN	PV
2026	10	60094	Clinton Battery Utility, LLC	IPP	Clinton Battery	OH	60297	1	5.0		MWH	BA
2026	10	55937	Entergy Texas Inc.	Electric Utility	Sabine	TX	3459	1	201.1		NG	ST
2026	10	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	GT1	17.5		NG	GT
2026	10	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	GT2	17.5		NG	GT
2026	10	21048	Wyandotte Municipal Serv Comm	Electric Utility	Wyandotte	MI	1866	4	10.5		NG	ST
2026	10	21048	Wyandotte Municipal Serv Comm	Electric Utility	Wyandotte	MI	1866	7	32.0		NG	ST
2026	11	60538	Vitro Architectural Glass	Industrial	Works 4	TX	54364	L2G	2.0		DFO	IC
2026	12	22148	AES Alamitos LLC	IPP	AES Alamitos LLC	CA	315	3	332.0		NG	ST
2026	12	22148	AES Alamitos LLC	IPP	AES Alamitos LLC	CA	315	4	335.0		NG	ST
2026	12	22148	AES Alamitos LLC	IPP	AES Alamitos LLC	CA	315	5	485.0		NG	ST
2026	12	23693	AES Huntington Beach LLC	IPP	AES Huntington Beach LLC	CA	335	2	225.8		NG	ST
2026	12	9332	Indian River Operations Inc	IPP	Indian River Generating Station	DE	594	4	410.0		BIT	ST
2026	12	61944	MN8 Energy LLC	IPP	L'Oreal Piscataway	NJ	57868	UNIT1	0.5		SUN	PV
2026	12	61944	MN8 Energy LLC	IPP	L'Oreal Piscataway	NJ	57868	UNIT2	0.3		SUN	PV

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
2026	12	61944	MN8 Energy LLC	IPP	L'Oreal Piscataway	NJ	57868	UNIT3	0.3		SUN	PV
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	1	47.0		NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	2	47.0		NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	3	47.0		NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	4	47.0		NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	5	47.0		NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	6	47.0		NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	7	1.8		DFO	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	8	1.8		DFO	GT
2026	12	14127	Omaha Public Power District	Electric Utility	North Omaha	NE	2291	1	63.0		NG	ST
2026	12	14127	Omaha Public Power District	Electric Utility	North Omaha	NE	2291	2	83.4		NG	ST
2026	12	14127	Omaha Public Power District	Electric Utility	North Omaha	NE	2291	3	92.5		NG	ST
2026	12	15466	Public Service Co of Colorado	Electric Utility	Alamosa	CO	464	CT1	13.0		NG	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Alamosa	CO	464	CT2	14.0		NG	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Fort Lupton	CO	8067	1	44.0		NG	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Fort Lupton	CO	8067	2	44.0		NG	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Fruita	CO	471	1	14.0		NG	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Valmont	CO	477	6	43.0		NG	GT
2026	12	18642	Tennessee Valley Authority	Electric Utility	Cumberland (TN)	TN	3399	2	1,231.0		BIT	ST
2026	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	7	174.0		SUB	ST
2026	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	8	174.0		SUB	ST
2026	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	9	174.0		SUB	ST
2027	1	63844		IPP	Ellwood	CA	8076	01	54.0		NG	GT
2027	1	63843		IPP	Ormond Beach	CA	350	1	741.0		NG	ST
2027	1	63843		IPP	Ormond Beach	CA	350	2	750.0		NG	ST
2027	1	3476	DTE San Diego COGEN Inc.	Commercial	Childrens Hospital	CA	10175	0799	2.0		DFO	IC
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	HH	0.5		SUN	PV
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	HII	0.4		SUN	PV
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	HJC	0.2		SUN	PV
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	UNIT1	2.7		SUN	PV
2027	3	16604	City of San Antonio - (TX)	Electric Utility	O W Sommers	TX	3611	1	420.0		NG	ST
2027	3	60538	Vitro Architectural Glass	Industrial	Works 4	TX	54364	L1G	2.0		DFO	IC
2027	4	5695	Desert Star Energy Center SDG&E	Electric Utility	Desert Star Energy Center	NV	55077	ED01	140.0		NG	CT
2027	4	5695	Desert Star Energy Center SDG&E	Electric Utility	Desert Star Energy Center	NV	55077	ED02	140.0		NG	CT
2027	4	5695	Desert Star Energy Center SDG&E	Electric Utility	Desert Star Energy Center	NV	55077	ED03	170.0		NG	CA
2027	6	64726		IPP	Mill Pond Hydro	NY	65399	U2	0.5		WAT	HY
2027	6	65159		IPP	Tanner Street Generation	MA	54586	TRENT	58.0		NG	CT
2027	6	65159		IPP	Tanner Street Generation	MA	54586	VAX	17.0		NG	CA
2027	6	16612	City & County of San Francisco	Commercial	SF Southeast Cogen Plant	CA	57971	COGEN	2.1		OBG	IC
2027	6	814	Entergy Arkansas LLC	Electric Utility	Lake Catherine	AR	170	4	522.0		NG	ST
2027	6	11249	Louisville Gas & Electric Co	Electric Utility	Mill Creek (KY)	KY	1364	2	297.0		BIT	ST
2027	7	59918	Dynegy Kincaid Generation	IPP	Kincaid Generation LLC	IL	876	1	556.0		SUB	ST
2027	7	59918	Dynegy Kincaid Generation	IPP	Kincaid Generation LLC	IL	876	2	556.0		SUB	ST
2027	8	61364	Lockheed Martin RMS Syracuse	Industrial	Lockheed Martin RMS Syracuse	NY	61739	SYR1	1.0		MWH	BA
2027	9	66075		IPP	Old Gold Energy Center, LLC	IA	55804	NM	80.0		WND	WT
2027	12	56570	Coletto Creek Power LP	IPP	Coletto Creek	TX	6178	1	655.0		SUB	ST
2027	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	1	73.0		NG	ST
2027	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	2	73.0		NG	ST
2027	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	7	46.0		NG	ST
2027	12	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	1	76.0		NG	ST
2027	12	520	Illinois Power Generating Co	IPP	Newton	IL	6017	1	595.0		SUB	ST
2027	12	59919	Luminant Miami Fort	IPP	Miami Fort	OH	2832	7	510.0		BIT	ST
2027	12	59919	Luminant Miami Fort	IPP	Miami Fort	OH	2832	8	510.0		BIT	ST
2027	12	12686	Mississippi Power Co	Electric Utility	Victor J Daniel Jr	MS	6073	1	502.0		SUB	ST
2027	12	12686	Mississippi Power Co	Electric Utility	Victor J Daniel Jr	MS	6073	2	502.0		SUB	ST
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	1	9.0		MSW	ST
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	2	9.0		MSW	ST
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	1	1.8		WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	2	1.8		WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	3	1.9		WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	4	1.9		WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	5	2.0		WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	6	1.9		WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	7	2.0		WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	8	1.9		WAT	HY

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	1	9.0		MSW	ST
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	2	9.0		MSW	ST
2027	12	14354	PacifiCorp	Electric Utility	Dave Johnston	WY	4158	1	93.0		SUB	ST
2027	12	14354	PacifiCorp	Electric Utility	Dave Johnston	WY	4158	2	102.0		SUB	ST
2027	12	14354	PacifiCorp	Electric Utility	Dave Johnston	WY	4158	3	220.0		SUB	ST
2027	12	14354	PacifiCorp	Electric Utility	Dave Johnston	WY	4158	4	330.0		SUB	ST
2027	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	4	310.0		NG	ST
2027	12	15466	Public Service Co of Colorado	Electric Utility	Hayden	CO	525	2	262.0		BIT	ST
2027	12	15466	Public Service Co of Colorado	Electric Utility	Salida	CO	474	2	0.6		WAT	HY
2027	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	2	106.0		NG	ST
2027	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	4	190.0		NG	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	1	132.0		SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	2	132.0		SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	3	132.0		SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	4	132.0		SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	5	174.0		SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	6	174.0		SUB	ST
2027	12	24211	Tucson Electric Power Co	Electric Utility	Springerville	AZ	8223	1	381.0		SUB	ST
2028	1	56997	Marina Energy LLC	IPP	Freeze Solar	NJ	60759	PV1	1.5		SUN	PV
2028	1	13781	Northern States Power Co - Minnesota	Electric Utility	Allen S King	MN	1915	1	511.0		SUB	ST
2028	1	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	1	500.0		SUB	ST
2028	1	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	3	500.0		SUB	ST
2028	1	19876	Virginia Electric & Power Co	Electric Utility	Altavista Power Station	VA	10773	1	51.0		WDS	ST
2028	1	19876	Virginia Electric & Power Co	Electric Utility	Hopewell Power Station	VA	10771	1	51.0		WDS	ST
2028	1	19876	Virginia Electric & Power Co	Electric Utility	Southampton Power Station	VA	10774	1	51.0		WDS	ST
2028	5	56997	Marina Energy LLC	IPP	Heller 400M	NJ	62438	A	0.8		SUN	PV
2028	5	56997	Marina Energy LLC	IPP	Heller 400M	NJ	62438	B	0.2		SUN	PV
2028	5	56997	Marina Energy LLC	IPP	Heller 400M	NJ	62438	C	0.2		SUN	PV
2028	5	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	HM	0.8		SUN	PV
2028	5	13756	Northern Indiana Pub Serv Co	Electric Utility	Michigan City	IN	997	12	455.0		SUB	ST
2028	6	11241	Entergy Louisiana LLC	Electric Utility	Waterford 1 & 2	LA	8056	2	416.8		NG	ST
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	1	2.0		DFO	IC
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	2	2.0		DFO	IC
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	3	2.0		DFO	IC
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	1	113.0		NG	ST
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	2	113.0		NG	ST
2028	9	30151	Tri-State G & T Assn, Inc	Electric Utility	Craig (CO)	CO	6021	2	410.0		SUB	ST
2028	11	56898	Sunnyvale City of WPCP	Electric Utility	Sunnyvale City of WPCP	CA	57557	S-14	0.8		NG	IC
2028	12	61412	Cardinal Operating Company	IPP	Cardinal	OH	2828	3	620.0		BIT	ST
2028	12	16604	City of San Antonio - (TX)	Electric Utility	J K Spruce	TX	7097	1	560.0		SUB	ST
2028	12	5109	DTE Electric Company	Electric Utility	Belle River	MI	6034	ST1	635.0		SUB	ST
2028	12	5109	DTE Electric Company	Electric Utility	Belle River	MI	6034	ST2	635.0		SUB	ST
2028	12	5109	DTE Electric Company	Electric Utility	Monroe (MI)	MI	1733	3	773.0		SUB	ST
2028	12	5109	DTE Electric Company	Electric Utility	Monroe (MI)	MI	1733	4	762.0		SUB	ST
2028	12	9324	Indiana Michigan Power Co	Electric Utility	Rockport	IN	6166	1	1,300.0		SUB	ST
2028	12	9324	Indiana Michigan Power Co	Electric Utility	Rockport	IN	6166	2	1,300.0		SUB	ST
2028	12	61944	MN8 Energy LLC	IPP	ACCC Mays Landing	NJ	60802	PV1	1.4		SUN	PV
2028	12	61944	MN8 Energy LLC	IPP	IFF Hazlet	NJ	60709	GRND	3.0		SUN	PV
2028	12	11843	Maui Electric Co Ltd	Electric Utility	Kahului	HI	6056	1	4.7		RFO	ST
2028	12	11843	Maui Electric Co Ltd	Electric Utility	Kahului	HI	6056	2	4.8		RFO	ST
2028	12	11843	Maui Electric Co Ltd	Electric Utility	Kahului	HI	6056	3	11.0		RFO	ST
2028	12	11843	Maui Electric Co Ltd	Electric Utility	Kahului	HI	6056	4	11.9		RFO	ST
2028	12	15466	Public Service Co of Colorado	Electric Utility	Hayden	CO	525	1	179.0		BIT	ST
2028	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	1	112.0		NG	ST
2028	12	17718	Southwestern Public Service Co	Electric Utility	Tolk	TX	6194	1	532.0		SUB	ST
2028	12	17718	Southwestern Public Service Co	Electric Utility	Tolk	TX	6194	2	535.0		SUB	ST
2028	12	18642	Tennessee Valley Authority	Electric Utility	Cumberland (TN)	TN	3399	1	1,239.0		BIT	ST
2028	12	19436	Union Electric Co - (MO)	Electric Utility	Sioux	MO	2107	1	487.0		SUB	ST
2028	12	19436	Union Electric Co - (MO)	Electric Utility	Sioux	MO	2107	2	487.0		SUB	ST
2029	3	16604	City of San Antonio - (TX)	Electric Utility	O W Sommers	TX	3611	2	410.0		NG	ST
2029	6	65384		Commercial	Hartford Hospital Cogeneration	CT	52061	GEN4	1.4		NG	FC
2029	6	11241	Entergy Louisiana LLC	Electric Utility	Little Gypsy	LA	1402	3	496.1		NG	ST
2029	9	10875	Lee County Board-Commissioners	IPP	Lee County Solid Waste Energy	FL	52010	GEN1	39.0		MSW	ST
2029	12	3989	City of Colorado Springs - (CO)	Electric Utility	Ray D Nixon	CO	8219	1	208.0		SUB	ST
2029	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	1	105.0		NG	ST

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2029	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	2	156.3		NG	ST
2029	12	14354	PacifiCorp	Electric Utility	Naughton	WY	4162	3	247.0		NG	ST
2029	12	15143	Platte River Power Authority	Electric Utility	Rawhide	CO	6761	1	280.0		SUB	ST
2029	12	30151	Tri-State G & T Assn, Inc	Electric Utility	Craig (CO)	CO	6021	3	448.0		SUB	ST
2030	1	15474	Public Service Co of Oklahoma	Electric Utility	Weleetka	OK	2966	4	55.0		NG	GT
2030	1	15474	Public Service Co of Oklahoma	Electric Utility	Weleetka	OK	2966	5	53.0		NG	GT
2030	5	8973	Town of Hudson - (MA)	Electric Utility	Cherry Street	MA	9038	10	1.9		NG	IC
2030	5	8973	Town of Hudson - (MA)	Electric Utility	Cherry Street	MA	9038	11	1.9		NG	IC
2030	6	327	Air Liquide Large Industries U S LP	Industrial	Geismar Cogen	LA	56787	GTG	72.5		NG	GT
2030	6	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	1	9.0		WDS	ST
2030	6	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	2	7.0		WDS	ST
2030	6	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	3	61.0		DFO	GT
2030	6	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	4	58.0		DFO	GT
2030	6	16732	San Jose State University Fclts Dev &Ops	Commercial	San Jose Cogeneration	CA	10548	GEN1	5.6		NG	GT
2030	10	6013	Eugene Water & Electric Board	Electric Utility	Carmen Smith	OR	3067	3	3.8		WAT	HY
2030	10	13365	Nevada Cogeneration Assoc # 2	Electric CHP	Nevada Cogen Associates 2 Black Mountain	NV	54349	GTA	21.7		NG	CT
2030	10	13365	Nevada Cogeneration Assoc # 2	Electric CHP	Nevada Cogen Associates 2 Black Mountain	NV	54349	GTB	21.7		NG	CT
2030	10	13365	Nevada Cogeneration Assoc # 2	Electric CHP	Nevada Cogen Associates 2 Black Mountain	NV	54349	GTC	21.7		NG	CT
2030	10	13365	Nevada Cogeneration Assoc # 2	Electric CHP	Nevada Cogen Associates 2 Black Mountain	NV	54349	STM	28.0		NG	CA
2030	12	5701	El Paso Electric Co	Electric Utility	Copper	TX	9	1	63.0		NG	GT
2030	12	12698	KCP&L Greater Missouri Operations	Electric Utility	Lake Road (MO)	MO	2098	4	94.6		NG	ST
2030	12	17543	South Carolina Public Service Authority	Electric Utility	Winyah	SC	6249	1	275.0		BIT	ST
2030	12	17543	South Carolina Public Service Authority	Electric Utility	Winyah	SC	6249	2	285.0		BIT	ST
2030	12	17543	South Carolina Public Service Authority	Electric Utility	Winyah	SC	6249	3	285.0		BIT	ST
2030	12	17543	South Carolina Public Service Authority	Electric Utility	Winyah	SC	6249	4	285.0		BIT	ST
2030	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	3	244.0		NG	ST
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL00	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL01	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL02	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL03	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL04	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL05	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL06	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL07	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL08	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL09	0.1		NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL10	0.1		NG	FC
2031	6	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	6(4)	731.9		NG	ST
2031	8	61944	MN8 Energy LLC	IPP	L'Oreal Piscataway	NJ	57868	UNIT4	0.7		SUN	PV
2031	12	803	Arizona Public Service Co	Electric Utility	Four Corners	NM	2442	4	770.0		BIT	ST
2031	12	803	Arizona Public Service Co	Electric Utility	Four Corners	NM	2442	5	770.0		BIT	ST
2031	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	90.0		NG	ST
2031	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	4	86.0		NG	CA
2031	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT1	67.0		NG	CT
2031	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT2	67.0		NG	CT
2031	12	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	2	232.0		NG	ST
2031	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	2	117.0		NG	CA
2031	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	5	165.0		NG	CT
2031	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	1	243.0		NG	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	1	225.0		BIT	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	2	225.0		SUB	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	3	263.0		SUB	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	4	263.0		SUB	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT1	71.5		NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT2	71.5		NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT3	71.5		NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT4	71.5		NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT5	73.4		NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT6	73.4		NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT7	73.4		NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT8	73.4		NG	GT
2032	8	64400		IPP	Flower Valley I	TX	64915	FLRV1	9.9		MWH	BA
2032	12	5109	DTE Electric Company	Electric Utility	Monroe (MI)	MI	1733	1	758.0		SUB	ST
2032	12	5109	DTE Electric Company	Electric Utility	Monroe (MI)	MI	1733	2	773.0		SUB	ST
2032	12	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTA	20.5		NG	CT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2032	12	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTB	20.5		NG	CT
2032	12	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTC	20.5		NG	CT
2032	12	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	STM	24.0		NG	CA
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	1	64.0		NG	ST
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	2	69.0		NG	ST
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	3	104.5		NG	ST
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	4	39.6		NG	GT
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	5	39.6		NG	GT
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	6	36.9		NG	GT
2032	12	16553	Saguaro Power Co	Electric CHP	Saguaro Power	NV	54271	CTG1	36.0		NG	CT
2032	12	16553	Saguaro Power Co	Electric CHP	Saguaro Power	NV	54271	CTG2	36.0		NG	CT
2032	12	16553	Saguaro Power Co	Electric CHP	Saguaro Power	NV	54271	STG	29.0		NG	CA
2032	12	16572	Salt River Project	Electric Utility	Coronado	AZ	6177	CO1	380.0		SUB	ST
2032	12	16572	Salt River Project	Electric Utility	Coronado	AZ	6177	CO2	382.0		SUB	ST
2032	12	24211	Tucson Electric Power Co	Electric Utility	Springerville	AZ	8223	2	406.0		SUB	ST
2033	6	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	5	721.5		NG	ST
2033	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	8	139.0		NG	ST
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Hilton Head	SC	3318	1	16.0		DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Hilton Head	SC	3318	2	16.0		DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Hilton Head	SC	3318	3	52.0		DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Myrtle Beach	SC	3320	1	8.0		DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Myrtle Beach	SC	3320	2	8.0		DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Myrtle Beach	SC	3320	3	19.0		DFO	GT
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	1	134.0		SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	2	134.0		SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	4	134.0		SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	5	134.0		SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	6	134.0		SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	7	134.0		SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	8	134.0		SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	9	134.0		SUB	ST
2034	6	55937	Entergy Texas Inc.	Electric Utility	Lewis Creek	TX	3457	1	250.0		NG	ST
2034	6	55937	Entergy Texas Inc.	Electric Utility	Lewis Creek	TX	3457	2	249.7		NG	ST
2034	12	5416	Duke Energy Carolinas, LLC	Electric Utility	Marshall (NC)	NC	2727	1	370.0		NG	ST
2034	12	5416	Duke Energy Carolinas, LLC	Electric Utility	Marshall (NC)	NC	2727	2	370.0		BIT	ST
2034	12	13781	Northern States Power Co - Minnesota	Electric Utility	Sherburne County	MN	6090	3	876.0		SUB	ST
2034	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	2	243.0		NG	ST
2034	12	17718	Southwestern Public Service Co	Electric Utility	Quay County	NM	58125	1	17.0		DFO	GT
2035	6	12685	Entergy Mississippi LLC	Electric Utility	Gerald Andrus	MS	8054	1	706.5		NG	ST
2035	7	59711	Bakersfield 111 LLC	IPP	Bakersfield 111	CA	59948	BF111	1.4		SUN	PV
2035	7	56742	Notus Clean Energy LLC	IPP	Notus Wind 1	MA	57414	1	1.7		WND	WT
2035	12	20169	Avista Corp	Electric Utility	Northeast (WA)	WA	6210	1	45.0		NG	GT
2035	12	59474	BQ Energy LLC	IPP	Mount Kisco Landfill Solar & Storage CSG	NY	63774	KISCB	0.5		MWH	BA
2035	12	5860	Empire District Electric Co	Electric Utility	Empire Energy Center	MO	6223	1	80.0		NG	GT
2035	12	5860	Empire District Electric Co	Electric Utility	Empire Energy Center	MO	6223	2	82.0		NG	GT
2036	12	14354	PacifiCorp	Electric Utility	Huntington	UT	8069	1	459.0		BIT	ST
2036	12	14354	PacifiCorp	Electric Utility	Huntington	UT	8069	2	450.0		BIT	ST
2036	12	17718	Southwestern Public Service Co	Electric Utility	Harrington	TX	6193	1	339.0		SUB	ST
2037	12	14354	PacifiCorp	Electric Utility	Jim Bridger	WY	8066	1	531.0		SUB	ST
2037	12	14354	PacifiCorp	Electric Utility	Jim Bridger	WY	8066	2	539.0		SUB	ST
2037	12	14354	PacifiCorp	Electric Utility	Jim Bridger	WY	8066	3	523.0		SUB	ST
2037	12	14354	PacifiCorp	Electric Utility	Jim Bridger	WY	8066	4	526.0		SUB	ST
2038	12	17718	Southwestern Public Service Co	Electric Utility	Harrington	TX	6193	2	339.0		SUB	ST
2039	10	65384		Commercial	HSCo CHP	CT	57179	1	3.5		NG	GT
2039	12	14354	PacifiCorp	Electric Utility	Wyodak	WY	6101	1	332.0		SUB	ST
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV1	0.1		SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV2	0.1		SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV3	0.1		SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV4	0.1		SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV5	0.1		SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV6	0.1		SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV7	0.1		SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV8	0.1		SUN	PV
2040	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	3	106.0		NG	GT
2040	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	4	103.0		NG	GT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2040	12	17718	Southwestern Public Service Co	Electric Utility	Harrington	TX	6193	3	340.0		SUB	ST
2041	4	63424		IPP	Silverstrand Grid Energy Storage System	CA	63735	SLV01	11.0		MWH	BA
2042	6	63723		IPP	Ignacio Grid Energy Storage System	TX	64089	IGN01	100.0		MWH	BA
2042	6	63451		IPP	Madero Grid	TX	63757	MAD01	100.0		MWH	BA
2043	12	57170	EDF Renewable Asset Holdings, Inc.	IPP	Copenhagen Wind Farm	NY	58979	CPHGN	79.9		WND	WT
2043	12	14354	PacifiCorp	Electric Utility	Chehalis Generating Facility	WA	55662	CA	157.0		NG	CA
2043	12	14354	PacifiCorp	Electric Utility	Chehalis Generating Facility	WA	55662	CT1	160.0		NG	CT
2043	12	14354	PacifiCorp	Electric Utility	Chehalis Generating Facility	WA	55662	CT2	160.0		NG	CT
2044	12	13781	Northern States Power Co - Minnesota	Electric Utility	Apple River	WI	6231	1	0.4		WAT	HY
2044	12	13781	Northern States Power Co - Minnesota	Electric Utility	Apple River	WI	6231	3	0.5		WAT	HY
2044	12	13781	Northern States Power Co - Minnesota	Electric Utility	Apple River	WI	6231	4	0.5		WAT	HY
2045	12	62915	Madison Energy Holdings LLC	IPP	ESCA-LL-COLTON, LLC	CA	64270	COLT1	2.6		SUN	PV
2047	7	60455	PVN Milliken, LLC	IPP	PVN Milliken, LLC	CA	60790	PV	3.0		SUN	PV
2049	4	61612	Panda Solar NC 1, LLC	IPP	Panda Solar NC 1, LLC	NC	62089	20002	1.0		SUN	PV
2049	4	61655	Panda Solar NC 2, LLC	IPP	Panda Solar NC 2, LLC	NC	62120	20003	2.0		SUN	PV
2049	6	61663	Panda Solar NC 10, LLC	IPP	Panda Solar NC 10, LLC	NC	62128	20031	2.0		SUN	PV
2049	6	61664	Panda Solar NC 11, LLC	IPP	Panda Solar NC 11, LLC	NC	62129	20032	2.0		SUN	PV
2049	6	61656	Panda Solar NC 3, LLC	IPP	Panda Solar NC 3, LLC	NC	62121	20011	2.0		SUN	PV
2049	6	61658	Panda Solar NC 5, LLC	IPP	Panda Solar NC 5, LLC	NC	62123	20007	1.0		SUN	PV
2049	6	61660	Panda Solar NC 6, LLC	IPP	Panda Solar NC 6, LLC	NC	62124	20028	1.0		SUN	PV
2049	6	61662	Panda Solar NC 9, LLC	IPP	Panda Solar NC 9, LLC	NC	62127	20022	2.0		SUN	PV
2049	9	61661	Panda Solar NC 8, LLC	IPP	Panda Solar NC 8, LLC	NC	62126	20052	2.0		SUN	PV
2052	1	64390		IPP	Brighter Future Solar	NC	64910	BFSNC	11.0		SUN	PV
2056	11	64170		IPP	Camden Solar LLC	NC	64535	KOV4A	20.0		SUN	PV
2056	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	3	166.0		NG	GT
2057	4	64393		IPP	Luciana	CA	64909	TSC	55.8		SUN	PV
2057	12	59474	BQ Energy LLC	IPP	West Valley East	NY	62738	WVE	5.0		SUN	PV
2057	12	59474	BQ Energy LLC	IPP	West Valley West	NY	62737	WVW	5.0		SUN	PV
2058	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	6-1	212.0		NG	GT
2058	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	4	168.0		NG	GT
2061	1	63631		IPP	Hertford Solar Power, LLC	NC	63024	KEH	10.0		SUN	PV
2063	12	62836	Navisun LLC	IPP	Acushnet MA 1	MA	64706	ACNT1	1.0		SUN	PV
2064	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	1	0.5		WAT	HY
2064	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	2	0.5		WAT	HY
2064	12	13781	Northern States Power Co - Minnesota	Electric Utility	Superior Falls	MI	1757	1	0.5		WAT	HY
2064	12	13781	Northern States Power Co - Minnesota	Electric Utility	Superior Falls	MI	1757	2	0.5		WAT	HY
2072	8	10875	Lee County Board-Commissioners	IPP	Lee County Solid Waste Energy	FL	52010	GEN2	16.0		MSW	ST

NOTES:

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this table.
 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 6.07.A. Capacity Factors for Utility Scale Generators Primarily Using Fossil Fuels

Year/Month	Coal		Natural Gas								Petroleum					
	Time Adjusted Capacity (MW)	Capacity Factor	Combined Cycle		Gas Turbine		Steam Turbine		Internal Combustion		Steam Turbine		Gas Turbine		Internal Combustion	
Time Adjusted Capacity (MW)			Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)
Annual Data																
2014	299,064.7	60.5%	224,183.2	48.6%	124,736.9	8.3%	75,049.1	10.3%	3,026.7	10.8%	18,057.0	13.0%	16,791.5	1.2%	5,011.3	2.1%
2015	286,082.7	54.3%	231,467.5	55.8%	123,444.3	9.8%	80,348.0	11.3%	3,507.8	11.9%	14,965.4	14.0%	16,122.8	1.3%	5,075.2	2.1%
2016	269,477.1	52.8%	236,442.8	55.4%	125,148.4	11.0%	81,225.1	12.3%	3,684.3	11.5%	13,993.7	12.2%	15,114.0	1.3%	5,082.8	2.3%
2017	259,930.2	53.1%	242,839.1	51.2%	125,806.6	9.6%	79,149.4	10.7%	4,225.5	11.6%	13,290.9	13.7%	14,275.3	1.0%	5,153.3	2.1%
2018	246,866.8	53.6%	254,403.3	55.1%	126,763.4	11.9%	76,177.8	12.6%	4,446.6	13.0%	13,300.1	14.2%	14,234.9	1.3%	5,289.7	1.9%
2019	235,089.3	47.5%	266,846.5	57.4%	128,832.5	11.4%	72,797.3	14.1%	4,848.3	15.3%	11,214.7	12.8%	14,009.7	1.0%	5,287.8	2.0%
2020	220,623.2	40.5%	274,300.4	57.1%	129,085.6	11.6%	75,462.3	14.2%	5,123.0	15.1%	8,443.3	13.9%	13,875.8	1.2%	5,300.7	1.8%
2021	212,587.0	49.1%	277,618.5	55.0%	130,103.4	11.7%	74,003.4	12.5%	5,171.8	18.2%	8,385.5	14.2%	13,729.8	1.6%	5,522.7	1.8%
2022	196,396.3	48.4%	286,467.1	56.6%	130,170.6	12.9%	77,518.8	15.6%	5,526.9	18.1%	9,839.0	13.2%	15,005.7	1.6%	5,407.0	1.8%
2023	183,856.3	42.1%	292,741.1	58.8%	131,118.7	14.1%	76,591.4	17.1%	5,637.3	20.9%	8,430.0	11.2%	14,402.3	1.9%	5,401.3	2.1%
Year 2022																
January	202,043.3	57.4%	284,236.2	55.6%	129,881.8	11.3%	78,088.0	14.8%	5,454.3	16.0%	9,839.0	19.6%	15,279.8	1.4%	5,401.4	2.2%
February	202,013.8	52.2%	284,236.2	52.4%	129,967.8	9.6%	78,088.0	11.7%	5,454.3	14.8%	9,839.0	15.3%	15,279.8	0.9%	5,402.0	1.8%
March	200,821.8	41.0%	284,247.2	46.6%	130,009.3	8.3%	77,514.0	8.5%	5,484.9	13.6%	9,839.0	9.8%	15,245.8	1.0%	5,392.6	1.7%
April	200,376.8	38.5%	284,450.3	44.2%	130,070.8	9.6%	77,514.0	9.6%	5,486.4	13.5%	9,839.0	10.1%	15,119.1	0.9%	5,395.3	1.7%
May	198,851.8	42.1%	283,899.1	49.6%	130,070.8	12.5%	77,514.0	14.6%	5,544.4	14.7%	9,839.0	12.0%	15,119.1	1.4%	5,399.7	1.8%
June	195,863.8	52.5%	286,389.0	61.2%	130,127.6	16.9%	77,510.0	20.2%	5,546.0	18.8%	9,839.0	12.2%	14,947.1	1.8%	5,407.0	1.9%
July	195,881.8	59.6%	287,485.0	70.5%	130,274.1	20.2%	77,510.0	28.1%	5,549.7	23.0%	9,839.0	10.3%	14,947.1	2.5%	5,410.4	1.7%
August	194,856.8	59.2%	288,566.5	72.4%	130,035.1	18.6%	77,379.0	22.4%	5,563.9	25.1%	9,839.0	11.8%	14,947.1	2.2%	5,410.7	1.7%
Sept	192,425.8	47.3%	288,493.5	63.9%	130,259.8	13.9%	77,374.0	16.3%	5,559.0	21.7%	9,839.0	13.1%	14,858.1	1.7%	5,409.2	1.8%
October	192,425.8	38.7%	288,458.5	53.0%	130,348.7	10.3%	77,374.0	13.3%	5,558.0	17.9%	9,839.0	12.3%	14,817.2	1.4%	5,413.1	1.8%
November	192,271.3	40.9%	288,485.6	52.0%	130,380.6	11.3%	77,379.8	13.7%	5,555.9	17.9%	9,839.0	13.6%	14,789.6	1.0%	5,420.9	1.6%
December	189,316.3	51.4%	288,504.6	56.8%	130,606.5	12.5%	77,026.8	14.1%	5,560.7	19.3%	9,839.0	18.2%	14,735.6	2.8%	5,421.2	2.2%
Year 2023																
January	186,891.9	44.3%	288,850.7	56.8%	131,147.9	9.3%	77,794.4	9.9%	5,581.3	17.2%	8,430.0	9.9%	14,223.6	1.0%	5,401.4	1.8%
February	186,881.3	37.1%	289,082.7	56.6%	131,147.9	8.9%	77,794.4	10.0%	5,583.9	16.7%	8,430.0	11.6%	14,223.6	0.9%	5,399.4	1.4%
March	186,881.3	35.9%	290,371.7	52.8%	130,957.7	10.4%	77,708.4	11.5%	5,585.4	19.1%	8,430.0	10.1%	14,223.6	1.1%	5,398.8	2.1%
April	186,881.3	30.4%	290,932.7	47.4%	130,957.7	12.2%	77,708.4	13.4%	5,586.9	17.5%	8,430.0	9.3%	14,223.6	1.7%	5,398.8	2.4%
May	185,392.9	32.4%	292,840.3	52.2%	130,438.2	13.7%	76,918.4	15.5%	5,583.8	17.5%	8,430.0	8.2%	14,619.5	2.0%	5,398.3	2.3%
June	183,239.7	44.1%	292,928.0	62.7%	130,652.7	17.0%	76,604.4	21.0%	5,583.8	22.8%	8,430.0	11.3%	14,471.1	2.3%	5,385.1	2.5%
July	182,590.8	58.0%	294,152.4	72.5%	130,816.5	23.2%	76,604.4	30.6%	5,583.8	30.1%	8,430.0	16.3%	14,471.1	3.2%	5,398.9	2.4%
August	181,977.5	57.7%	294,152.4	72.8%	131,479.5	22.5%	76,604.4	29.6%	5,715.4	30.4%	8,430.0	15.2%	14,471.1	3.5%	5,398.1	2.5%
Sept	181,977.5	46.1%	294,152.4	64.9%	131,479.5	15.2%	75,568.4	21.6%	5,709.5	22.6%	8,430.0	16.4%	14,471.1	2.0%	5,407.2	1.8%
October	181,492.5	38.3%	294,811.3	52.6%	131,466.5	14.2%	75,568.4	16.4%	5,709.5	20.2%	8,430.0	10.2%	14,471.1	2.1%	5,407.2	2.1%
November	181,492.5	39.4%	294,811.3	54.0%	131,462.5	12.3%	75,568.4	14.2%	5,709.5	18.9%	8,430.0	8.4%	14,471.1	1.2%	5,407.2	2.3%
December	180,810.5	41.7%	295,513.1	59.1%	131,423.5	9.9%	74,741.4	10.8%	5,710.4	17.1%	8,430.0	8.1%	14,471.1	1.3%	5,415.3	1.5%
Year 2024																
January	178,304.4	56.4%	295,113.0	62.7%	131,399.5	14.1%	75,710.6	16.6%	5,817.7	21.1%	8,423.7	10.5%	14,482.6	2.4%	5,416.9	1.8%
February	177,943.3	35.8%	293,365.4	56.1%	131,431.3	10.3%	75,757.0	11.1%	5,847.3	17.5%	8,728.7	8.0%	14,480.6	1.3%	5,429.2	1.9%
March	177,677.8	29.3%	295,014.7	50.4%	131,824.0	11.2%	75,320.8	13.5%	5,849.7	18.0%	8,728.7	7.1%	14,474.3	1.2%	5,425.4	2.1%
April	177,089.5	29.8%	293,390.5	46.7%	131,923.0	14.4%	75,277.3	15.5%	5,852.0	17.2%	8,802.0	7.5%	14,087.3	1.8%	5,431.6	3.0%
May	177,179.4	35.7%	293,453.5	53.1%	131,551.6	14.8%	74,571.7	20.2%	5,938.4	19.3%	8,804.2	8.1%	14,290.8	2.2%	5,408.8	2.9%
June	176,966.1	48.8%	292,068.6	64.6%	131,517.6	17.3%	74,193.7	26.4%	5,981.5	22.5%	8,743.2	8.4%	14,179.6	2.6%	5,406.4	2.2%

Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

Time adjusted capacity for month rows is the summer capacity of generators in operation for the entire month; units that began operation during the month or that retired during the month are excluded. Time adjusted capacity for year rows is a time weighted average of the month rows.

Capacity factors are a comparison of net generation with available capacity. See the technical note for an explanation of how capacity factors are calculated.

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 6.07.B. Capacity Factors for Utility Scale Generators Primarily Using Non-Fossil Fuels

Year/Month	Geothermal		Hydroelectric		Nuclear		Other Biomass		Other Gas		Solar				Wind		Wood	
	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Photovoltaic	Thermal	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor	Time Adjusted Capacity (MW)	Capacity Factor
Annual Data																		
2014	2,513.3	72.0%	79,582.8	37.2%	98,569.3	91.7%	5,114.6	62.7%	1,994.0	54.0%	6,555.6	25.6%	1,445.3	18.3%	60,587.8	34.0%	8,319.7	60.0%
2015	2,523.0	71.9%	79,650.8	35.7%	98,614.6	92.3%	5,104.5	62.6%	2,527.7	60.8%	9,521.6	25.5%	1,697.3	21.7%	67,106.2	32.2%	9,024.5	59.3%
2016	2,516.6	71.6%	79,806.0	38.2%	99,364.8	92.3%	5,099.5	62.7%	2,458.8	64.8%	14,161.4	25.0%	1,757.9	22.1%	74,162.7	34.5%	8,979.8	58.3%
2017	2,460.4	73.2%	79,698.8	43.0%	99,619.5	92.3%	5,125.6	61.8%	2,375.8	62.8%	21,940.9	25.6%	1,757.9	21.8%	83,355.6	34.6%	8,807.5	60.2%
2018	2,391.5	76.0%	79,771.9	41.9%	99,605.2	92.5%	5,059.0	61.8%	2,543.9	65.4%	27,143.3	25.1%	1,757.9	23.6%	89,228.5	34.6%	8,760.2	60.6%
2019	2,535.2	69.6%	79,838.0	41.2%	98,836.7	93.4%	4,786.5	62.5%	2,504.1	67.4%	31,840.8	24.3%	1,758.1	21.2%	97,564.8	34.4%	8,485.0	59.0%
2020	2,561.5	69.1%	79,810.4	40.7%	97,238.3	92.4%	4,653.8	62.5%	2,275.2	64.6%	39,458.1	24.2%	1,747.9	20.6%	107,387.7	35.3%	8,327.2	57.8%
2021	2,588.5	69.8%	79,878.4	36.0%	95,802.7	92.8%	4,490.4	63.2%	1,902.5	60.9%	51,219.7	24.4%	1,629.0	20.5%	123,757.1	34.4%	7,959.0	59.9%
2022	2,616.0	69.0%	80,054.5	36.3%	94,969.9	92.7%	4,402.5	60.2%	1,716.0	61.6%	64,501.0	24.4%	1,480.0	23.1%	136,669.4	35.9%	7,817.6	57.9%
2023	2,665.4	70.0%	80,086.9	34.2%	95,099.0	93.1%	4,297.3	59.6%	1,721.1	61.7%	77,167.2	23.3%	1,480.0	22.2%	144,018.9	33.5%	7,781.8	52.8%
Year 2022																		
January	2,592.8	75.1%	80,036.5	40.6%	95,406.4	99.4%	4,460.5	60.7%	1,664.2	64.2%	60,335.2	16.8%	1,480.0	11.3%	132,415.6	37.5%	7,829.0	60.8%
February	2,592.8	70.3%	80,040.6	39.6%	95,406.4	96.5%	4,459.1	60.6%	1,664.2	62.8%	61,350.2	21.2%	1,480.0	15.9%	133,711.4	41.6%	7,829.0	62.6%
March	2,592.8	65.7%	80,050.6	41.0%	95,406.4	89.0%	4,444.5	59.8%	1,664.2	63.4%	61,673.4	24.4%	1,480.0	23.1%	133,969.5	42.7%	7,829.0	57.4%
April	2,592.8	67.1%	80,054.7	34.8%	95,406.4	80.5%	4,437.0	60.0%	1,733.5	56.2%	62,666.8	28.5%	1,480.0	30.1%	135,080.4	46.6%	7,829.0	54.9%
May	2,609.8	67.4%	80,054.7	39.2%	95,427.4	89.3%	4,434.2	59.2%	1,733.5	59.9%	63,122.2	30.9%	1,480.0	33.5%	137,384.2	41.1%	7,811.3	55.4%
June	2,609.8	67.0%	80,057.2	45.1%	94,658.9	96.4%	4,434.2	61.7%	1,733.5	63.6%	63,890.6	33.2%	1,480.0	34.9%	137,594.2	33.9%	7,805.5	59.5%
July	2,609.8	67.1%	80,057.2	41.2%	94,658.9	97.8%	4,374.4	61.7%	1,733.5	63.7%	65,118.6	31.2%	1,480.0	26.2%	137,993.8	28.6%	7,805.5	61.5%
August	2,639.4	67.9%	80,057.2	35.5%	94,658.9	97.8%	4,378.3	60.7%	1,733.5	59.5%	65,707.2	28.4%	1,480.0	25.3%	137,999.4	24.0%	7,817.5	60.3%
Sept	2,661.3	68.6%	80,058.7	29.5%	94,658.9	93.5%	4,369.7	59.5%	1,733.5	61.6%	66,419.3	26.5%	1,480.0	26.7%	138,005.0	27.3%	7,817.5	56.4%
October	2,620.5	65.3%	80,059.2	24.1%	94,658.9	83.7%	4,366.5	59.2%	1,733.5	59.5%	67,201.8	22.9%	1,480.0	26.4%	138,005.0	31.6%	7,817.5	50.9%
November	2,620.5	72.6%	80,059.2	31.0%	94,658.9	91.0%	4,354.3	59.6%	1,733.5	63.2%	67,739.4	16.5%	1,480.0	14.1%	138,025.0	40.8%	7,817.5	56.7%
December	2,648.6	74.1%	80,067.7	34.3%	94,658.9	98.1%	4,322.3	60.1%	1,728.2	62.3%	68,569.5	12.5%	1,480.0	9.0%	139,628.0	36.8%	7,804.5	58.8%
Year 2023																		
January	2,648.6	78.4%	80,074.5	37.4%	94,632.0	100.7%	4,325.7	61.7%	1,728.2	64.4%	71,296.2	14.6%	1,480.0	7.7%	141,467.7	37.1%	7,804.5	59.3%
February	2,648.6	72.6%	80,092.5	34.7%	94,632.0	95.6%	4,295.7	60.3%	1,728.2	67.6%	72,707.2	18.3%	1,480.0	11.0%	142,116.8	43.9%	7,804.5	57.5%
March	2,648.6	69.4%	80,092.5	33.9%	94,632.0	89.2%	4,295.7	58.6%	1,698.2	60.9%	73,256.7	21.5%	1,480.0	14.0%	142,832.2	41.4%	7,831.3	51.6%
April	2,648.6	69.6%	80,111.5	30.3%	94,632.0	83.2%	4,295.7	54.5%	1,698.2	46.1%	73,878.7	26.6%	1,480.0	27.9%	143,246.0	41.5%	7,831.3	47.6%
May	2,673.6	68.5%	80,082.5	46.0%	94,632.0	87.3%	4,295.7	59.9%	1,725.1	54.4%	74,759.1	29.2%	1,480.0	27.5%	143,912.8	29.8%	7,786.3	54.1%
June	2,673.6	65.7%	80,084.9	33.8%	94,632.0	95.3%	4,295.7	60.7%	1,725.1	55.6%	75,828.1	30.8%	1,480.0	34.6%	144,684.0	26.3%	7,778.8	53.9%
July	2,673.6	65.2%	80,084.9	35.6%	94,632.0	99.1%	4,297.0	60.7%	1,725.1	63.4%	77,427.1	31.1%	1,480.0	35.0%	144,684.0	25.9%	7,778.8	54.6%
August	2,673.6	67.1%	80,084.9	35.4%	95,746.0	97.9%	4,297.0	59.9%	1,725.1	71.5%	79,450.9	29.0%	1,480.0	28.4%	144,684.0	26.4%	7,778.8	56.3%
Sept	2,673.6	69.8%	80,082.1	28.6%	95,746.0	95.1%	4,297.0	57.1%	1,725.1	61.0%	80,057.5	25.7%	1,480.0	27.7%	144,700.0	27.0%	7,778.8	50.3%
October	2,673.6	70.7%	80,080.0	30.3%	95,746.0	86.2%	4,288.8	58.6%	1,725.1	59.7%	81,004.9	22.1%	1,480.0	26.2%	144,787.6	33.6%	7,778.8	43.3%
November	2,673.6	72.8%	80,084.6	31.4%	95,746.0	90.3%	4,290.4	60.5%	1,725.1	69.2%	82,539.6	16.6%	1,480.0	15.7%	145,498.3	35.3%	7,715.6	53.0%
December	2,673.6	70.5%	80,088.7	32.4%	95,746.0	96.7%	4,292.6	63.0%	1,725.1	66.6%	83,486.5	13.7%	1,480.0	9.9%	145,495.3	34.9%	7,715.6	52.7%
Year 2024																		
January	2,742.6	66.5%	79,837.3	35.7%	95,723.1	97.1%	4,269.9	59.2%	1,746.3	67.9%	90,725.7	13.7%	1,480.0	7.3%	147,768.9	31.6%	7,603.8	58.0%
February	2,742.6	65.9%	79,982.9	35.2%	95,723.1	96.9%	4,254.3	57.5%	1,746.3	55.5%	93,474.7	18.7%	1,480.0	11.7%	148,608.6	40.1%	7,568.0	53.9%
March	2,742.6	60.2%	80,000.8	38.5%	95,723.1	88.9%	4,244.1	54.3%	1,748.1	48.9%	94,093.0	21.7%	1,481.1	20.4%	148,782.5	41.4%	7,535.8	52.0%
April	2,695.8	66.0%	79,859.1	33.4%	95,760.5	83.2%	4,182.7	55.1%	1,720.1	38.9%	96,841.3	26.2%	1,480.0	31.6%	148,941.6	44.2%	7,527.5	51.9%
May	2,695.8	60.6%	79,862.8	37.0%	96,826.2	90.2%	4,130.8	59.7%	1,893.6	46.2%	97,636.4	29.1%	1,480.0	38.1%	150,070.5	34.8%	7,529.2	53.8%
June	2,695.8	63.8%	79,829.0	36.9%	96,826.2	97.8%	4,083.6	59.4%	1,847.6	47.5%	100,198.5	31.5%	1,480.0	39.1%	150,229.0	35.4%	7,693.1	54.9%

Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary.

Time adjusted capacity for month rows is the summer capacity of generators in operation for the entire month; units that began operation during the month or that retired during the month are excluded. Time adjusted capacity for year rows is a time weighted average of the month rows.

Capacity factors are a comparison of net generation with available capacity. See the technical note for an explanation of how capacity factors are calculated.

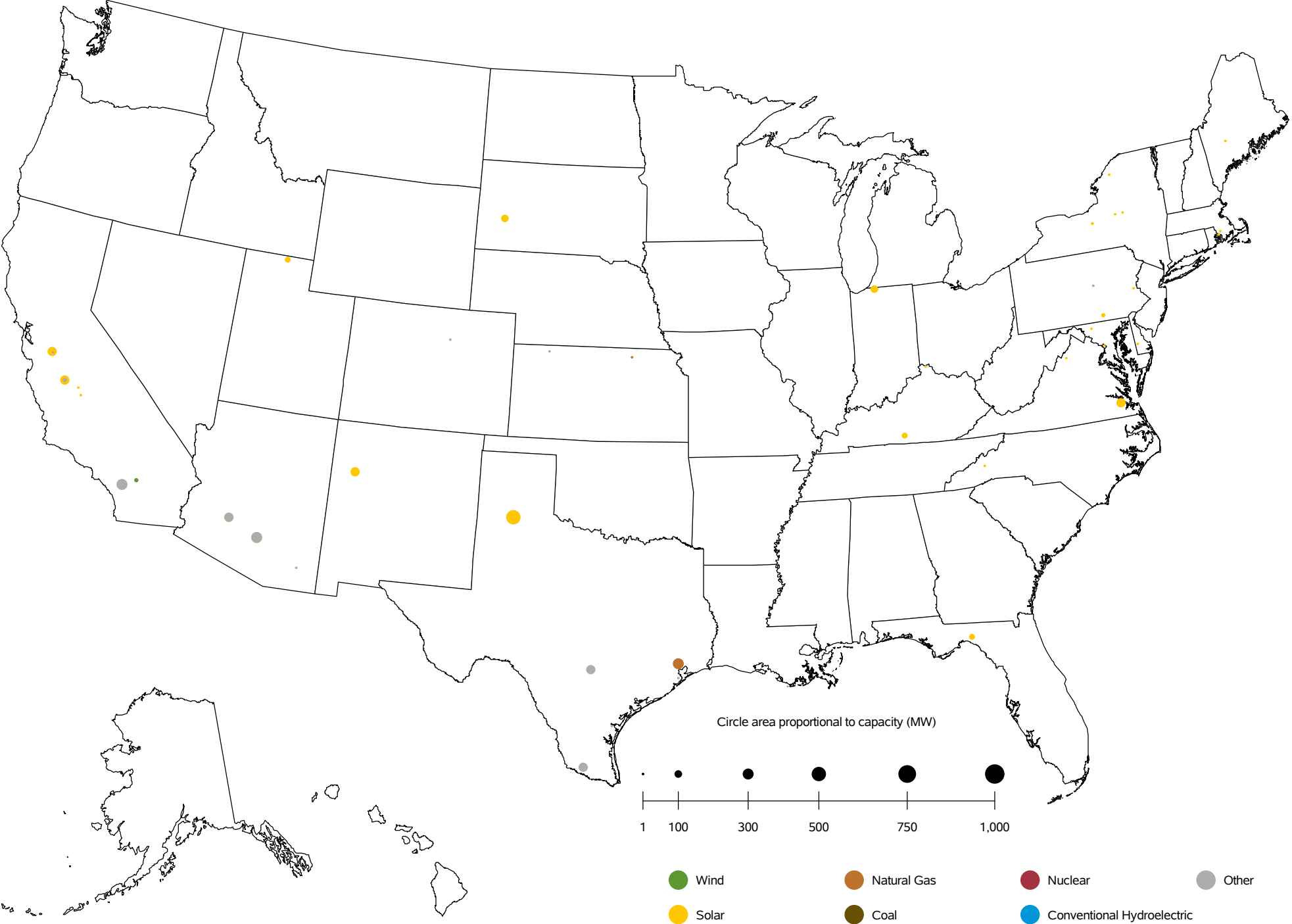
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Table 6.07.C. Usage Factors for Utility Scale Storage Generators

Year/Month	Battery		Pumped Storage	
	Time Adjusted Capacity (MW)	Usage Factor	Time Adjusted Capacity (MW)	Usage Factor
Annual Data				
2014	155.1	1.7%	22,477.9	10.2%
2015	206.8	3.6%	22,568.9	10.2%
2016	423.0	3.8%	22,752.7	11.2%
2017	632.8	6.8%	22,791.7	11.4%
2018	713.6	5.2%	22,815.4	10.8%
2019	949.8	5.4%	22,754.7	10.4%
2020	1,210.3	5.2%	22,939.6	10.5%
2021	2,627.6	6.1%	23,007.7	10.2%
2022	6,566.1	6.4%	23,033.9	11.1%
2023	11,165.8	5.7%	23,151.2	11.0%
Year 2022				
January	4,926.4	5.5%	23,013.4	9.5%
February	4,996.7	6.6%	23,013.4	8.9%
March	5,069.2	5.7%	23,013.4	9.1%
April	5,316.2	6.0%	23,013.4	7.3%
May	6,055.5	6.4%	23,043.9	10.9%
June	6,064.5	7.1%	23,043.9	14.8%
July	6,555.2	6.9%	23,043.9	15.9%
August	6,941.6	6.6%	23,043.9	16.4%
Sept	7,469.9	6.1%	23,043.9	13.2%
October	7,958.4	6.7%	23,043.9	8.4%
November	8,630.7	6.7%	23,043.9	9.2%
December	8,696.4	6.5%	23,043.9	9.6%
Year 2023				
January	9,104.9	5.6%	23,076.9	9.2%
February	9,171.2	5.2%	23,076.9	9.6%
March	9,253.2	5.9%	23,156.9	9.2%
April	9,521.3	5.7%	23,166.5	8.8%
May	9,690.3	5.2%	23,166.5	11.0%
June	9,833.9	5.1%	23,166.5	13.8%
July	10,894.7	5.5%	23,166.5	15.8%
August	12,384.7	5.7%	23,166.5	15.6%
Sept	12,867.0	5.5%	23,166.5	13.3%
October	13,440.5	6.3%	23,166.5	8.7%
November	13,621.4	6.0%	23,166.5	8.3%
December	14,051.5	5.7%	23,166.5	8.1%
Year 2024				
January	15,733.1	5.3%	23,139.0	9.5%
February	15,909.5	6.3%	23,139.0	9.7%
March	15,791.5	6.9%	23,219.0	7.4%
April	16,847.9	7.3%	23,219.0	9.2%
May	17,541.8	6.7%	23,219.0	12.5%
June	18,619.3	6.7%	23,227.4	15.5%

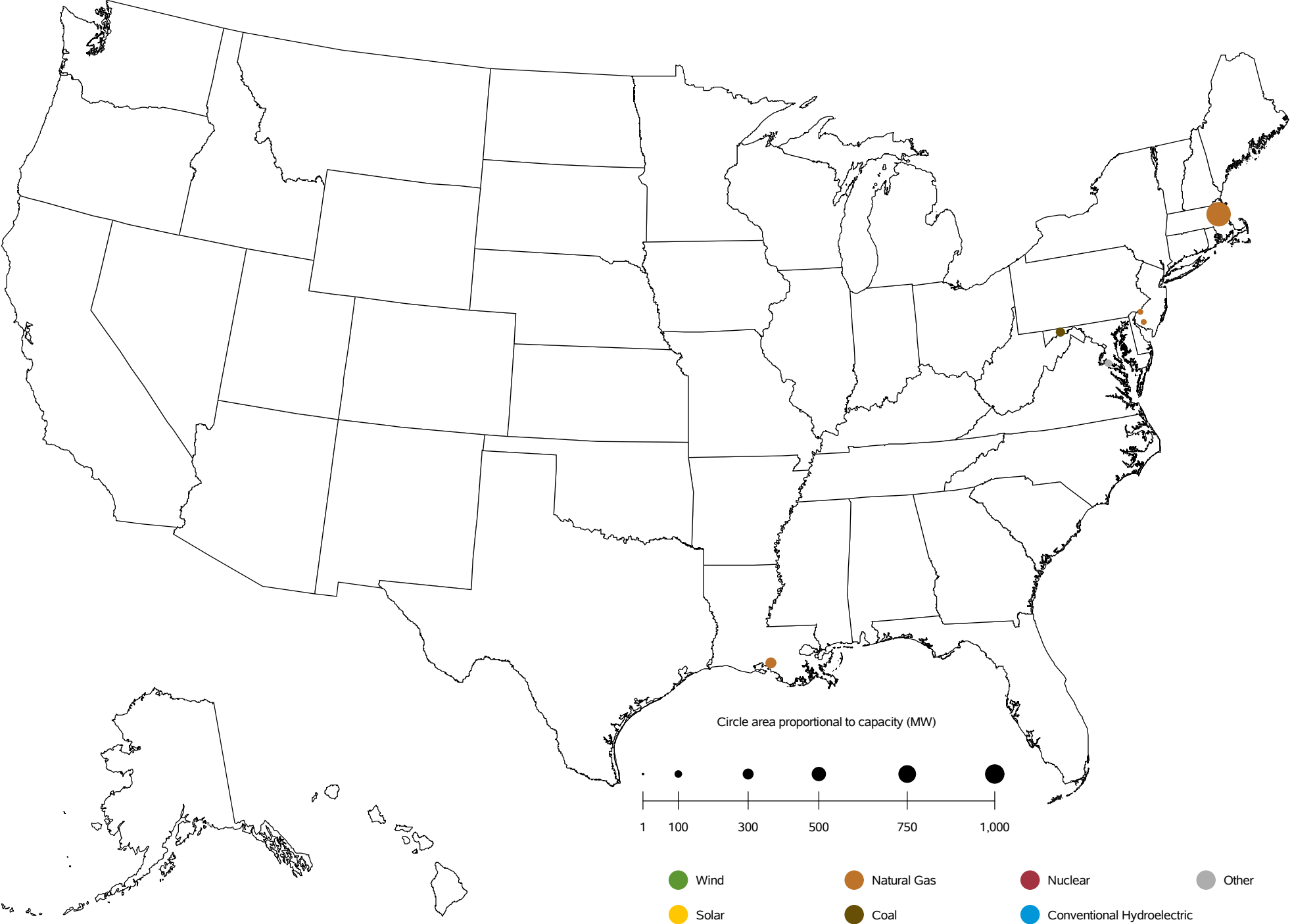
Values for 2022 and prior years are final. Values for 2023 and 2024 are preliminary. Time adjusted capacity for month rows is the summer capacity of generators in operation for the entire month; units that began operation during the month or that retired during the month are excluded. Time adjusted capacity for year rows is a time weighted average of the month rows. Usage factors are a comparison of gross generation with available capacity. See the technical note for an explanation of how usage factors are calculated. Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.A. Utility-Scale Generating Units Added in June 2024



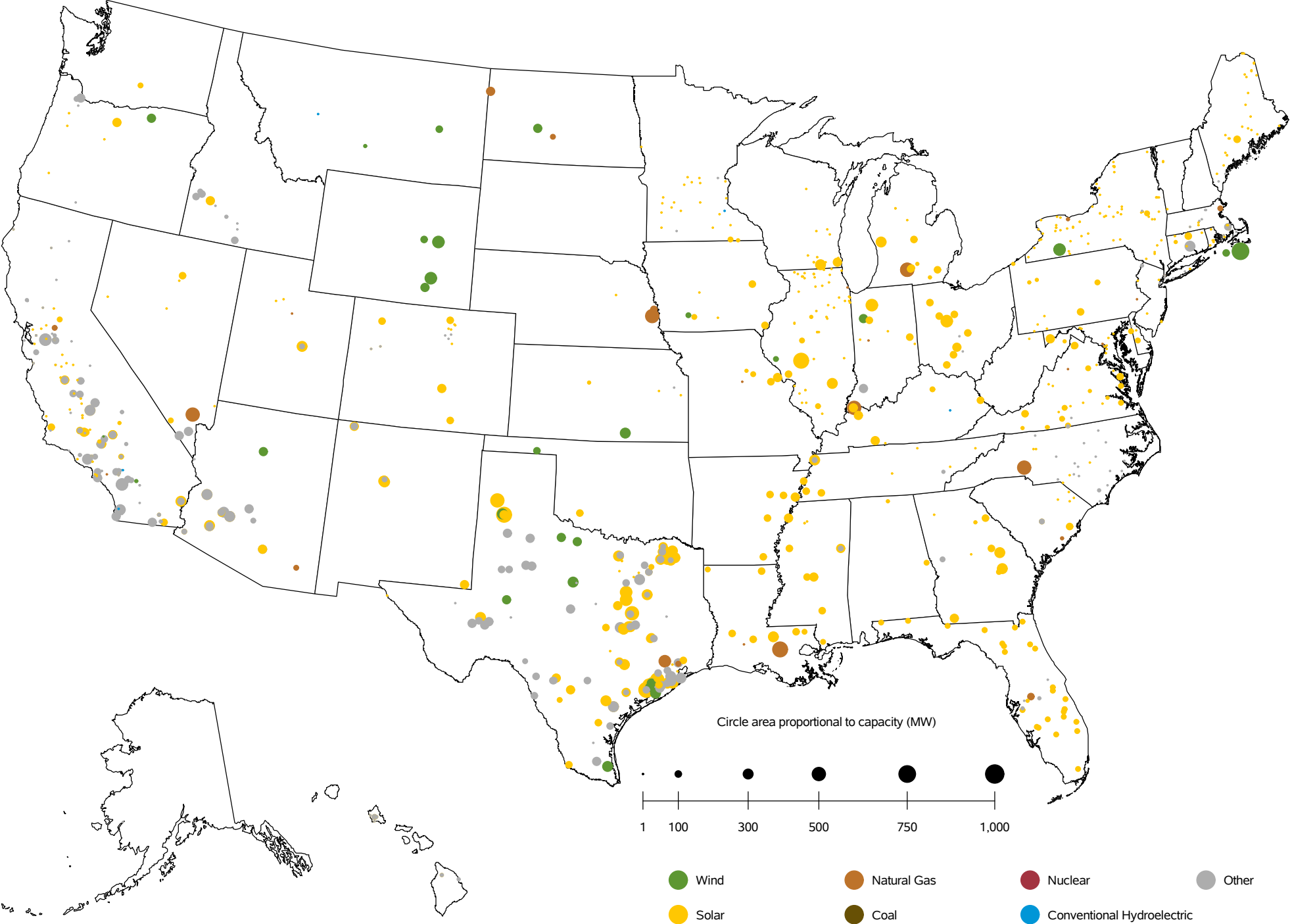
Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.B. Utility-Scale Generating Units Retired in June 2024



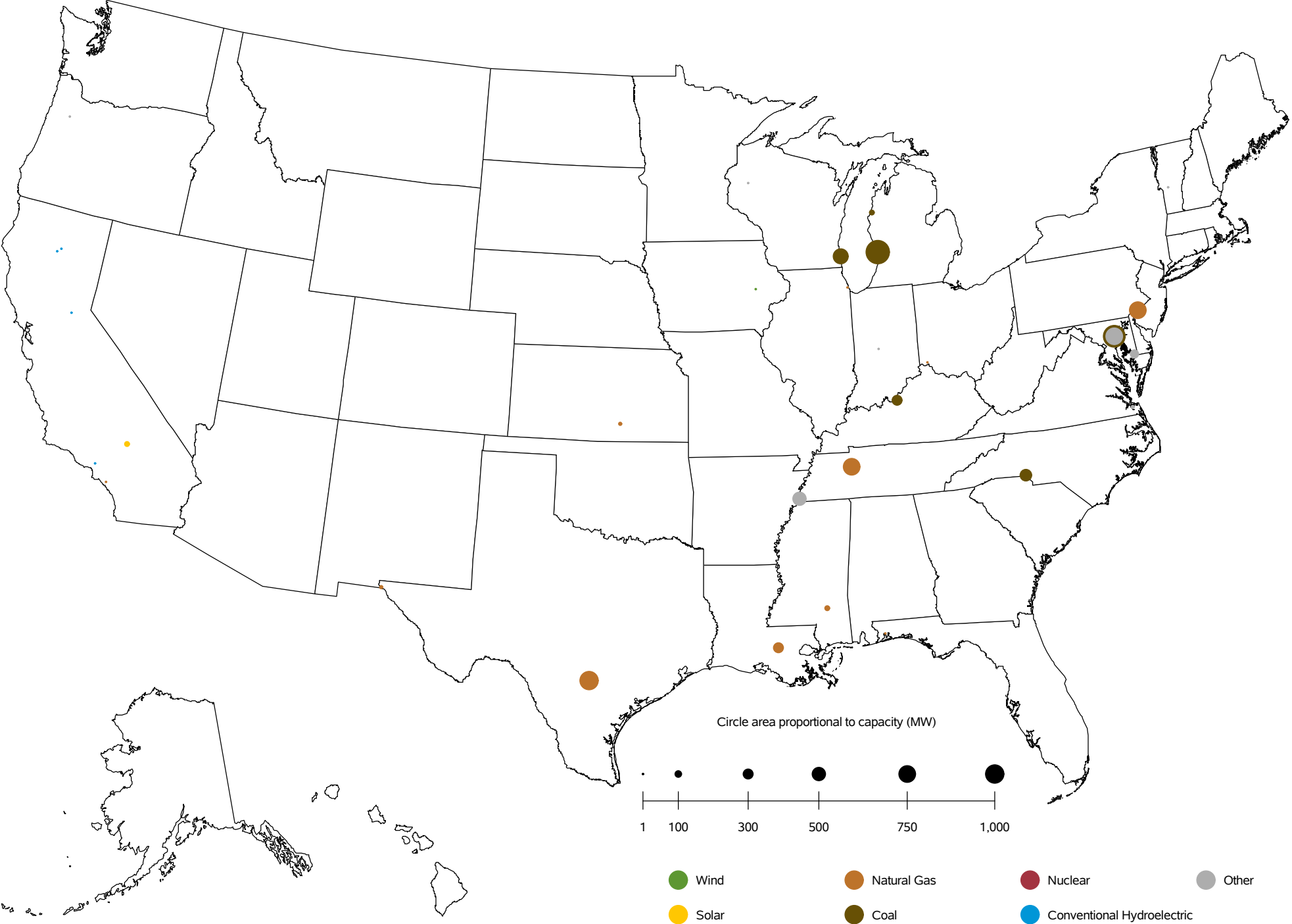
Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility-Scale Generating Units Planned to Come Online from July 2024 to June 2025



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

Figure 6.1.D. Utility-Scale Generating Units Planned to Retire from July 2024 to June 2025



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.'

Chapter 7

Imports and Exports

Table 7.1. Electric Power Industry - U.S. Electricity Imports from and Electricity Exports to Canada and Mexico (Megawatthours)

Period	Canada		Mexico		U.S. Total		
	Imports from	Exports to	Imports from	Exports to	Imports	Exports	Net Imports
Annual Totals							
2016	65,173,818	2,682,381	7,542,445	3,531,636	72,716,263	6,214,017	66,502,246
2017	59,909,320	3,312,798	5,775,597	6,058,005	65,684,917	9,370,803	56,314,114
2018	51,494,627	7,290,070	6,765,975	6,514,422	58,260,602	13,804,492	44,456,110
2019	52,309,254	13,532,067	6,743,207	6,475,965	59,052,461	20,008,032	39,044,429
2020	57,001,240	9,855,106	4,447,623	4,279,573	61,448,863	14,134,679	47,314,184
2021	48,140,438	10,067,396	5,026,570	3,788,021	53,167,008	13,855,418	39,311,591
2022	52,187,403	10,651,209	4,782,900	5,107,113	56,970,303	15,758,322	41,211,981
2023	33,152,646	18,091,647	5,721,644	1,778,279	38,874,290	19,869,926	19,004,364
Year 2022							
January	4,042,047	1,308,758	425,753	161,512	4,467,800	1,470,270	2,997,530
February	3,215,153	1,171,627	144,626	367,552	3,359,779	1,539,179	1,820,600
March	3,388,199	1,207,760	293,001	477,405	3,681,200	1,685,165	1,996,035
April	3,552,599	934,026	317,755	440,121	3,870,354	1,374,147	2,496,207
May	4,010,343	1,025,038	364,183	582,820	4,374,526	1,607,858	2,766,668
June	5,123,334	641,211	391,371	489,104	5,514,705	1,130,315	4,384,390
July	6,295,212	766,185	443,070	507,701	6,738,282	1,273,886	5,464,396
August	6,810,768	765,145	418,236	550,822	7,229,004	1,315,967	5,913,037
Sept	4,683,783	867,176	504,443	483,658	5,188,226	1,350,834	3,837,392
October	3,740,536	838,388	399,055	413,166	4,139,591	1,251,554	2,888,037
November	3,067,640	562,777	466,374	344,579	3,534,014	907,356	2,626,658
December	4,257,789	563,118	615,033	288,673	4,872,822	851,791	4,021,031
Year 2023							
January	4,080,305	769,353	393,029	403,105	4,473,334	1,172,458	3,300,876
February	3,100,194	1,362,099	410,963	188,332	3,511,157	1,550,431	1,960,726
March	3,458,995	1,241,647	419,500	59,250	3,878,495	1,300,897	2,577,598
April	3,423,252	1,544,551	163,079	128,981	3,586,331	1,673,532	1,912,799
May	3,606,207	1,099,609	297,511	179,615	3,903,718	1,279,224	2,624,494
June	2,616,523	1,236,416	449,132	139,691	3,065,655	1,376,107	1,689,548
July	2,588,006	1,808,004	628,915	155,251	3,216,921	1,963,255	1,253,666
August	2,365,281	1,453,099	635,633	153,225	3,000,914	1,606,324	1,394,590
Sept	1,773,886	2,107,530	581,900	142,050	2,355,786	2,249,580	106,206
October	1,578,196	1,877,439	632,526	128,399	2,210,722	2,005,838	204,884
November	1,928,906	1,772,906	540,292	56,060	2,469,198	1,828,966	640,232
December	2,632,895	1,818,994	569,164	44,320	3,202,059	1,863,314	1,338,745
Year 2024							
January	2,962,963	1,650,615	650,173	225,723	3,613,136	1,876,338	1,736,798
February	2,074,024	2,221,825	464,965	156,777	2,538,989	2,378,602	160,387
March	1,677,169	2,419,779	529,864	135,813	2,207,033	2,555,592	-348,559
April	1,524,951	2,116,495	274,638	146,206	1,799,589	2,262,701	-463,112
May	1,399,943	1,556,845	391,690	189,616	1,791,633	1,746,461	45,172
June	2,439,048	1,313,197	435,385	139,696	2,874,433	1,452,893	1,421,540

Source: U.S. Energy Information Administration, Form EIA-111, "Quarterly Electricity Imports and Exports Report."

Chapter 8

Puerto Rico

**Table 8.1 Puerto Rico- Sales of Electricity to Ultimate Customers:
Total by End-Use Sector, 2014 - June 2024 (Thousand Megawatthours)**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2014	6,218	8,761	2,376	0	17,356
2015	6,314	8,586	2,355	0	17,255
2016	6,524	8,569	2,251	0	17,344
2017	5,045	6,820	1,747	0	13,611
2018	6,103	8,203	2,128	0	16,434
2019	6,205	7,905	2,048	0	16,158
2020	6,908	7,320	1,910	0	16,138
2021	7,119	7,485	1,853	0	16,457
2022	6,723	7,511	1,768	0	16,003
Year 2022					
January	529	573	163	0	1,265
February	448	579	141	0	1,167
March	504	569	147	0	1,220
April	509	553	129	0	1,191
May	559	724	178	0	1,461
June	691	696	137	0	1,525
July	677	707	160	0	1,545
August	642	645	159	0	1,445
Sept	614	676	144	0	1,435
October	426	526	116	0	1,068
November	587	625	150	0	1,362
December	536	638	144	0	1,318
Year 2023					
January	476	585	126	0	1,188
February	429	547	124	0	1,100
March	497	606	143	0	1,246
April	523	621	143	0	1,287
May	631	689	126	0	1,445
June	696	697	146	0	1,539
July	766	721	146	0	1,633
August	743	722	163	0	1,628
Sept	725	746	146	0	1,618
October	742	768	149	0	1,659
November	599	687	133	0	1,420
December	546	684	138	0	1,368
Year 2024					
January	492	633	108	0	1,233
February	475	613	132	0	1,220
March	616	699	132	0	1,446
April	608	657	145	0	1,410
May	637	772	103	0	1,512
June	760	698	143	0	1,601
Year to Date					
2022	3,240	3,694	896	0	7,830
2023	3,252	3,745	807	0	7,804
2024	3,588	4,071	764	0	8,423
Rolling 12 Months Ending in June					
2023	6,735	7,562	1,680	0	15,977
2024	7,708	8,400	1,641	0	17,749

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

**Table 8.2 Puerto Rico- Revenue from Sales of Electricity to Ultimate Customers:
Total by End-Use Sector, 2014 - June 2024 (Million Dollars)**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2014	1,636	2,394	551	0	4,581
2015	1,282	1,850	417	0	3,549
2016	1,170	1,677	356	0	3,203
2017	1,123	1,549	344	0	3,016
2018	1,265	1,893	405	0	3,564
2019	1,330	1,811	420	0	3,560
2020	1,329	1,568	361	0	3,258
2021	1,506	1,800	380	0	3,686
2022	1,902	2,335	505	0	4,742
Year 2022					
January	136	154	40	0	331
February	116	168	36	0	321
March	139	188	41	0	368
April	136	182	35	0	353
May	151	226	48	0	425
June	190	204	40	0	435
July	237	238	57	0	532
August	191	212	48	0	452
Sept	170	203	41	0	414
October	140	195	40	0	375
November	157	187	41	0	385
December	138	175	38	0	351
Year 2023					
January	108	147	29	0	283
February	101	144	30	0	275
March	124	167	37	0	328
April	128	167	36	0	332
May	152	187	31	0	371
June	154	145	32	0	331
July	184	198	39	0	421
August	174	180	37	0	390
Sept	143	158	28	0	329
October	178	194	37	0	409
November	128	151	27	0	306
December	103	138	26	0	268
Year 2024					
January	104	143	24	0	271
February	105	149	30	0	284
March	139	171	31	0	340
April	138	160	33	0	331
May	170	217	29	0	417
June	188	180	35	0	403
Year to Date					
2022	868	1,124	241	0	2,232
2023	767	959	195	0	1,921
2024	844	1,021	181	0	2,046
Rolling 12 Months Ending in June					
2023	1,801	2,170	460	0	4,431
2024	1,755	2,039	376	0	4,170

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

**Table 8.3 Puerto Rico- Number of Ultimate Customers Served by Sector:
Total by End-Use Sector, 2014 - June 2024**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2014	1,328,546	129,122	662	0	1,458,330
2015	1,326,631	127,365	647	0	1,454,643
2016	1,332,152	127,179	633	0	1,459,964
2017	1,337,756	127,065	618	0	1,465,439
2018	1,346,102	126,527	602	0	1,473,231
2019	1,341,424	124,912	588	0	1,466,924
2020	1,351,190	125,391	587	0	1,477,168
2021	1,358,513	126,159	591	0	1,485,263
2022	1,370,811	127,741	589	0	1,499,141
Year 2022					
January	1,366,102	127,193	590	0	1,493,885
February	1,365,877	127,084	590	0	1,493,551
March	1,366,362	127,176	589	0	1,494,127
April	1,368,406	127,392	587	0	1,496,385
May	1,369,833	127,589	585	0	1,498,007
June	1,372,587	127,921	588	0	1,501,096
July	1,372,079	127,976	588	0	1,500,643
August	1,372,668	127,954	589	0	1,501,211
Sept	1,373,141	128,077	590	0	1,501,808
October	1,374,149	128,107	590	0	1,502,846
November	1,374,192	128,189	589	0	1,502,970
December	1,374,331	128,237	590	0	1,503,158
Year 2023					
January	1,374,717	128,300	589	0	1,503,606
February	1,375,176	128,310	588	0	1,504,074
March	1,376,298	128,038	580	0	1,504,916
April	1,377,070	127,609	580	0	1,505,259
May	1,378,115	127,666	579	0	1,506,360
June	1,379,369	127,596	580	0	1,507,545
July	1,380,020	127,635	581	0	1,508,236
August	1,380,809	127,610	580	0	1,508,999
Sept	1,381,572	127,764	581	0	1,509,917
October	1,382,416	127,594	582	0	1,510,592
November	1,383,057	127,671	583	0	1,511,311
December	1,383,477	127,688	585	0	1,511,750
Year 2024					
January	1,383,097	127,623	585	0	1,511,305
February	1,381,935	127,432	585	0	1,509,952
March	1,382,392	127,463	585	0	1,510,440
April	1,382,496	127,457	585	0	1,510,538
May	1,382,632	128,353	586	0	1,511,571
June	1,382,161	128,323	586	0	1,511,070
Rolling 12 Months Ending in June					
2023	1,375,109	128,005	586	0	1,503,700
2024	1,382,172	127,718	584	0	1,510,473

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

**Table 8.4 Puerto Rico- Average Price of Electricity to Ultimate Customers:
Total by End-Use Sector, 2014 - June 2024 (Cents per Kilowatthour)**

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2014	26.31	27.33	23.18	--	26.39
2015	20.31	21.55	17.71	--	20.57
2016	17.93	19.57	15.83	--	18.47
2017	22.26	22.72	19.70	--	22.16
2018	20.73	23.08	19.04	--	21.68
2019	21.43	22.90	20.51	--	22.03
2020	19.24	21.43	18.89	--	20.19
2021	21.16	24.05	20.52	--	22.40
2022	28.29	31.09	28.56	--	29.63
Year 2022					
January	25.72	26.92	24.76	--	26.14
February	25.92	29.12	25.69	--	27.48
March	27.49	33.05	27.86	--	30.13
April	26.69	33.02	27.10	--	29.67
May	27.03	31.19	26.87	--	29.07
June	27.50	29.36	29.29	--	28.51
July	35.05	33.68	35.35	--	34.46
August	29.76	32.94	30.46	--	31.26
Sept	27.71	30.02	28.30	--	28.85
October	32.92	37.07	34.49	--	35.14
November	26.75	29.96	27.11	--	28.26
December	25.75	27.49	26.46	--	26.67
Year 2023					
January	22.58	25.12	22.80	--	23.86
February	23.60	26.38	23.90	--	25.01
March	24.84	27.63	26.16	--	26.35
April	24.45	26.98	25.39	--	25.77
May	24.17	27.22	24.95	--	25.69
June	22.12	20.83	21.97	--	21.52
July	24.06	27.44	26.60	--	25.78
August	23.39	24.93	22.46	--	23.98
Sept	19.68	21.17	19.44	--	20.35
October	24.02	25.22	25.00	--	24.66
November	21.44	21.93	20.19	--	21.56
December	18.92	20.17	19.14	--	19.56
Year 2024					
January	21.12	22.66	21.80	--	21.97
February	22.17	24.35	22.49	--	23.30
March	22.59	24.40	23.31	--	23.53
April	22.64	24.41	22.91	--	23.49
May	26.74	28.16	28.24	--	27.57
June	24.69	25.83	24.24	--	25.14
Year to Date					
2022	26.78	30.42	26.86	--	28.51
2023	23.57	25.61	24.21	--	24.61
2024	23.52	25.08	23.72	--	24.29
Rolling 12 Months Ending in June					
2023	26.74	28.70	27.37	--	27.73
2024	22.76	24.28	22.91	--	23.49

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

Table 8.5. Net Summer Capacity (MW) of Existing Utility Scale Units by Technology for Puerto Rico, 2007-June 2024

Period	Coal	Hydroelectric Conventional	Natural Gas	Other	Petroleum	Solar	Wind	Total
Annual Totals								
2007	454	107	1,163	0	3,082	0	0	4,806
2008	454	107	1,163	0	3,516	0	0	5,240
2009	454	107	1,163	0	3,639	0	0	5,363
2010	454	107	1,163	0	3,640	0	0	5,364
2011	454	107	1,163	0	3,642	5	0	5,372
2012	454	107	1,163	0	3,643	20	98	5,486
2013	454	107	1,163	0	3,643	23	98	5,489
2014	454	107	1,163	0	3,645	35	99	5,503
2015	454	107	1,163	9	3,649	67	99	5,548
2016	454	107	1,163	33	3,652	142	99	5,650
2017	454	107	1,163	35	3,653	142	76	5,630
2018	454	107	1,349	35	3,656	142	76	5,820
2019	454	107	1,358	35	3,661	146	76	5,838
2020	454	107	1,367	38	3,663	156	76	5,862
2021	454	107	1,377	38	3,665	156	76	5,872
2022	454	107	1,381	40	3,749	156	76	5,963
2023	454	107	1,384	40	3,749	158	76	5,968
Year 2024								
January	454	98	1,384	37	3,749	154	99	5,976
February	454	98	1,384	37	3,749	154	76	5,953
March	454	98	1,384	37	3,749	154	102	5,979
April	454	98	1,384	37	3,749	154	102	5,979
May	454	98	1,384	37	3,749	154	102	5,979
June	454	98	1,384	37	3,749	154	102	5,979

Capacity from facilities with a total generator nameplate capacity less than 1 MW are excluded from this report.

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

**Table A.1.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:
Total (All Sectors) by Census Division and State, June 2024**

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	13	0	2	0	0	8
Connecticut	0	38	0	2	0	0	35
Maine	0	4	0	9	0	0	11
Massachusetts	0	8	0	5	0	0	20
New Hampshire	0	15	0	0	0	0	16
Rhode Island	0	138	0	8	0	0	163
Vermont	0	202	0	0	0	0	18
Middle Atlantic	6	14	0	1	17	0	2
New Jersey	0	107	0	3	0	0	0
New York	0	15	0	2	0	0	2
Pennsylvania	6	33	0	1	30	0	11
East North Central	0	27	24	2	6	0	15
Illinois	0	27	0	4	0	0	51
Indiana	1	3	0	2	11	0	33
Michigan	0	52	0	4	0	0	29
Ohio	1	15	78	2	16	0	29
Wisconsin	0	250	0	6	0	0	23
West North Central	1	55	0	10	0	0	10
Iowa	1	131	0	14	0	0	28
Kansas	0	5	0	13	0	0	0
Minnesota	1	297	0	18	0	0	31
Missouri	0	9	0	8	0	0	14
Nebraska	5	318	0	52	0	0	32
North Dakota	0	92	0	51	0	0	25
South Dakota	0	653	0	54	0	0	16
South Atlantic	0	1	6	1	0	0	5
Delaware	0	67	0	6	0	0	0
District of Columbia	0	18,601	0	21	0	0	0
Florida	0	0	0	1	0	0	40
Georgia	0	16	250	3	0	0	8
Maryland	0	11	0	2	0	0	0
North Carolina	0	13	0	2	0	0	8
South Carolina	0	7	0	3	0	0	13
Virginia	0	10	0	2	0	0	11
West Virginia	1	0	0	7	0	0	15
East South Central	0	6	0	1	0	0	4
Alabama	0	157	0	2	0	0	6
Kentucky	0	7	0	2	0	0	7
Mississippi	0	1	0	1	0	0	0
Tennessee	0	2	0	2	0	0	6
West South Central	0	12	0	1	4	0	7
Arkansas	0	38	0	4	0	0	10
Louisiana	0	205	0	2	9	0	20
Oklahoma	0	9	0	2	0	0	13
Texas	0	14	0	1	3	0	19
Mountain	1	51	0	1	4	0	6
Arizona	0	31	0	0	0	0	5
Colorado	0	367	0	2	0	0	22
Idaho	317	0	0	26	0	0	12
Montana	14	125	0	54	0	0	11
Nevada	0	0	0	0	0	0	2
New Mexico	0	874	0	3	0	0	78
Utah	0	1	0	3	0	0	41
Wyoming	4	1	0	7	4	0	36
Pacific Contiguous	0	80	0	3	0	0	2
California	0	101	0	1	0	0	6
Oregon	0	489	0	8	0	0	5
Washington	0	133	0	16	0	0	1
Pacific Noncontiguous	38	4	0	44	0	0	25
Alaska	38	14	0	44	0	0	26
Hawaii	0	3	0	0	0	0	66
U.S. Total	0	3	15	1	3	0	2

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

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

Total (All Sectors) by Census Division and State, June 2024 (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	4	4	0	0	1
Connecticut	0	0	0	10	9	0	0	1
Maine	0	0	0	10	6	0	0	5
Massachusetts	0	0	0	6	5	0	0	3
New Hampshire	0	0	0	132	21	0	0	2
Rhode Island	0	0	0	10	7	0	0	7
Vermont	0	0	0	14	10	0	0	10
Middle Atlantic	0	0	0	4	2	0	1	0
New Jersey	0	0	0	7	5	0	0	1
New York	0	0	0	5	3	0	2	1
Pennsylvania	0	0	0	6	4	0	0	1
East North Central	0	0	0	1	1	0	2	1
Illinois	0	0	0	3	1	0	0	1
Indiana	0	0	0	2	2	0	0	1
Michigan	0	0	0	5	2	0	17	2
Ohio	0	0	0	1	1	0	0	1
Wisconsin	0	0	0	2	3	0	27	3
West North Central	0	0	0	3	1	0	6	1
Iowa	0	0	0	5	1	0	0	2
Kansas	0	0	0	24	1	0	0	2
Minnesota	0	0	0	5	2	0	5	4
Missouri	0	0	0	20	1	0	0	1
Nebraska	0	0	0	10	2	0	0	5
North Dakota	0	0	0	0	2	0	67	3
South Dakota	0	0	0	1	1	0	0	7
South Atlantic	0	0	0	1	1	0	0	0
Delaware	0	0	0	11	14	0	0	6
District of Columbia	0	0	0	47	22	0	0	15
Florida	0	0	0	0	1	0	0	1
Georgia	0	0	0	1	2	0	0	1
Maryland	0	0	0	7	5	0	0	1
North Carolina	0	0	0	2	2	0	0	1
South Carolina	0	0	0	3	3	0	0	1
Virginia	0	0	0	1	2	0	0	1
West Virginia	0	0	0	10	2	0	0	1
East South Central	0	0	0	1	2	0	0	0
Alabama	0	0	0	2	4	0	0	1
Kentucky	0	0	0	8	14	0	0	1
Mississippi	0	0	0	1	2	0	0	1
Tennessee	0	0	0	4	4	0	0	1
West South Central	0	0	0	0	1	0	2	1
Arkansas	0	0	0	2	3	0	0	2
Louisiana	0	0	0	4	6	0	0	1
Oklahoma	0	0	0	5	1	0	0	1
Texas	0	0	0	0	1	0	2	1
Mountain	0	10	0	1	1	0	1	1
Arizona	0	0	0	1	1	0	0	0
Colorado	0	0	0	2	1	0	0	1
Idaho	0	48	0	2	4	0	0	9
Montana	0	0	0	0	1	0	0	6
Nevada	0	10	0	1	2	0	0	1
New Mexico	0	0	0	2	1	0	0	1
Utah	0	23	0	1	2	0	11	1
Wyoming	0	0	0	0	2	0	0	3
Pacific Contiguous	0	5	0	1	1	0	0	1
California	0	5	0	1	1	0	0	1
Oregon	0	33	0	3	2	0	0	3
Washington	0	0	0	4	3	0	0	2
Pacific Noncontiguous	0	34	0	5	6	0	0	9
Alaska	0	0	0	91	26	0	0	22
Hawaii	0	34	0	5	6	0	0	3
U.S. Total	0	6	0	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.1.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Total (All Sectors) by Census Division and State, Year-to-Date through June 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	13	0	2	0	0	8
Connecticut	0	38	0	2	0	0	35
Maine	0	4	0	9	0	0	11
Massachusetts	0	8	0	5	0	0	20
New Hampshire	0	15	0	0	0	0	16
Rhode Island	0	138	0	8	0	0	163
Vermont	0	202	0	0	0	0	18
Middle Atlantic	6	14	0	1	17	0	2
New Jersey	0	107	0	3	0	0	0
New York	0	15	0	2	0	0	2
Pennsylvania	6	33	0	1	30	0	11
East North Central	0	27	24	2	6	0	15
Illinois	0	27	0	4	0	0	51
Indiana	1	3	0	2	11	0	33
Michigan	0	52	0	4	0	0	29
Ohio	1	15	78	2	16	0	29
Wisconsin	0	250	0	6	0	0	23
West North Central	1	55	0	10	0	0	10
Iowa	1	131	0	14	0	0	28
Kansas	0	5	0	13	0	0	0
Minnesota	1	297	0	18	0	0	31
Missouri	0	9	0	8	0	0	14
Nebraska	5	318	0	52	0	0	32
North Dakota	0	92	0	51	0	0	25
South Dakota	0	653	0	54	0	0	16
South Atlantic	0	1	6	1	0	0	5
Delaware	0	67	0	6	0	0	0
District of Columbia	0	18,601	0	21	0	0	0
Florida	0	0	0	1	0	0	40
Georgia	0	16	250	3	0	0	8
Maryland	0	11	0	2	0	0	0
North Carolina	0	13	0	2	0	0	8
South Carolina	0	7	0	3	0	0	13
Virginia	0	10	0	2	0	0	11
West Virginia	1	0	0	7	0	0	15
East South Central	0	6	0	1	0	0	4
Alabama	0	157	0	2	0	0	6
Kentucky	0	7	0	2	0	0	7
Mississippi	0	1	0	1	0	0	0
Tennessee	0	2	0	2	0	0	6
West South Central	0	12	0	1	4	0	7
Arkansas	0	38	0	4	0	0	10
Louisiana	0	205	0	2	9	0	20
Oklahoma	0	9	0	2	0	0	13
Texas	0	14	0	1	3	0	19
Mountain	1	51	0	1	4	0	6
Arizona	0	31	0	0	0	0	5
Colorado	0	367	0	2	0	0	22
Idaho	317	0	0	26	0	0	12
Montana	14	125	0	54	0	0	11
Nevada	0	0	0	0	0	0	2
New Mexico	0	874	0	3	0	0	78
Utah	0	1	0	3	0	0	41
Wyoming	4	1	0	7	4	0	36
Pacific Contiguous	0	80	0	3	0	0	2
California	0	101	0	1	0	0	6
Oregon	0	489	0	8	0	0	5
Washington	0	133	0	16	0	0	1
Pacific Noncontiguous	38	4	0	44	0	0	25
Alaska	38	14	0	44	0	0	26
Hawaii	0	3	0	0	0	0	66
U.S. Total	0	3	15	1	3	0	2

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

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

Total (All Sectors) by Census Division and State, Year-to-Date through June 2024 (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	4	4	0	0	1
Connecticut	0	0	0	10	9	0	0	1
Maine	0	0	0	10	6	0	0	5
Massachusetts	0	0	0	6	5	0	0	3
New Hampshire	0	0	0	132	21	0	0	2
Rhode Island	0	0	0	10	7	0	0	7
Vermont	0	0	0	14	10	0	0	10
Middle Atlantic	0	0	0	4	2	0	1	0
New Jersey	0	0	0	7	5	0	0	1
New York	0	0	0	5	3	0	2	1
Pennsylvania	0	0	0	6	4	0	0	1
East North Central	0	0	0	1	1	0	2	1
Illinois	0	0	0	3	1	0	0	1
Indiana	0	0	0	2	2	0	0	1
Michigan	0	0	0	5	2	0	17	2
Ohio	0	0	0	1	1	0	0	1
Wisconsin	0	0	0	2	3	0	27	3
West North Central	0	0	0	3	1	0	6	1
Iowa	0	0	0	5	1	0	0	2
Kansas	0	0	0	24	1	0	0	2
Minnesota	0	0	0	5	2	0	5	4
Missouri	0	0	0	20	1	0	0	1
Nebraska	0	0	0	10	2	0	0	5
North Dakota	0	0	0	0	2	0	67	3
South Dakota	0	0	0	1	1	0	0	7
South Atlantic	0	0	0	1	1	0	0	0
Delaware	0	0	0	11	14	0	0	6
District of Columbia	0	0	0	47	22	0	0	15
Florida	0	0	0	0	1	0	0	1
Georgia	0	0	0	1	2	0	0	1
Maryland	0	0	0	7	5	0	0	1
North Carolina	0	0	0	2	2	0	0	1
South Carolina	0	0	0	3	3	0	0	1
Virginia	0	0	0	1	2	0	0	1
West Virginia	0	0	0	10	2	0	0	1
East South Central	0	0	0	1	2	0	0	0
Alabama	0	0	0	2	4	0	0	1
Kentucky	0	0	0	8	14	0	0	1
Mississippi	0	0	0	1	2	0	0	1
Tennessee	0	0	0	4	4	0	0	1
West South Central	0	0	0	0	1	0	2	1
Arkansas	0	0	0	2	3	0	0	2
Louisiana	0	0	0	4	6	0	0	1
Oklahoma	0	0	0	5	1	0	0	1
Texas	0	0	0	0	1	0	2	1
Mountain	0	10	0	1	1	0	1	1
Arizona	0	0	0	1	1	0	0	0
Colorado	0	0	0	2	1	0	0	1
Idaho	0	48	0	2	4	0	0	9
Montana	0	0	0	0	1	0	0	6
Nevada	0	10	0	1	2	0	0	1
New Mexico	0	0	0	2	1	0	0	1
Utah	0	23	0	1	2	0	11	1
Wyoming	0	0	0	0	2	0	0	3
Pacific Contiguous	0	5	0	1	1	0	0	1
California	0	5	0	1	1	0	0	1
Oregon	0	33	0	3	2	0	0	3
Washington	0	0	0	4	3	0	0	2
Pacific Noncontiguous	0	34	0	5	6	0	0	9
Alaska	0	0	0	91	26	0	0	22
Hawaii	0	34	0	5	6	0	0	3
U.S. Total	0	6	0	0	0	0	0	0

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**Table A.1.C. Relative Standard Error (Percent) for Small Scale Solar Generation and Capacity
by Sector, Census Division and State, June 2024**

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0	0	1	.	0
Connecticut	0	1	0	.	0
Maine	0	0	0	.	0
Massachusetts	0	1	3	.	0
New Hampshire	0	0	0	.	0
Rhode Island	0	0	0	.	0
Vermont	4	2	0	.	3
Middle Atlantic	0	0	2	.	0
New Jersey	0	0	3	.	0
New York	0	0	1	.	0
Pennsylvania	1	2	0	.	1
East North Central	2	1	5	.	1
Illinois	2	1	52	.	1
Indiana	9	1	24	.	4
Michigan	4	5	58	.	3
Ohio	6	2	1	.	3
Wisconsin	7	5	14	.	4
West North Central	2	1	7	.	1
Iowa	4	3	5	.	2
Kansas	4	4	0	.	3
Minnesota	5	5	6	.	4
Missouri	4	2	31	.	2
Nebraska	6	13	0	.	5
North Dakota	0	149	0	.	58
South Dakota	0	0	0	.	0
South Atlantic	1	3	11	.	1
Delaware	6	7	81	.	7
District of Columbia	0	0	0	.	0
Florida	2	10	8	.	2
Georgia	33	29	0	.	26
Maryland	1	4	33	.	2
North Carolina	5	7	0	.	4
South Carolina	7	11	0	.	6
Virginia	4	4	9	.	3
West Virginia	0	0	0	.	0
East South Central	2	5	34	.	2
Alabama	0	0	0	.	0
Kentucky	3	6	0	.	2
Mississippi	5	10	207	.	5
Tennessee	0	0	0	.	0
West South Central	3	4	20	.	3
Arkansas	6	6	22	.	5
Louisiana	5	13	0	.	4
Oklahoma	6	8	0	.	6
Texas	5	6	253	.	4
Mountain	1	0	14	.	0
Arizona	1	0	0	.	0
Colorado	2	1	45	.	2
Idaho	2	4	0	.	2
Montana	3	0	0	.	3
Nevada	1	0	0	.	0
New Mexico	3	1	0	.	2
Utah	2	1	0	.	1
Wyoming	4	0	0	.	4
Pacific Contiguous	0	0	0	.	0
California	0	0	0	.	0
Oregon	1	1	4	.	1
Washington	2	3	19	.	2
Pacific Noncontiguous	0	0	0	.	0
Alaska	0	0	0	.	0
Hawaii	0	0	0	.	0
U.S. Total	0	0	1	.	0

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

**Table A.2.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:
Electric Utilities by Census Division and State, June 2024**

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	11	0	95	0	0	23
Connecticut	0	27	0	0	0	0	41
Maine	0	0	0	0	0	0	0
Massachusetts	0	11	0	111	0	0	42
New Hampshire	0	0	0	0	0	0	165
Rhode Island	0	0	0	0	0	0	0
Vermont	0	202	0	0	0	0	28
Middle Atlantic	0	42	0	4	0	0	1
New Jersey	0	0	0	81	0	0	0
New York	0	43	0	4	0	0	1
Pennsylvania	0	47	0	0	0	0	0
East North Central	1	42	0	4	0	0	16
Illinois	0	30	0	15	0	0	55
Indiana	1	3	0	4	0	0	31
Michigan	0	55	0	6	0	0	30
Ohio	8	19	0	6	0	0	39
Wisconsin	0	262	0	7	0	0	25
West North Central	1	56	0	11	0	0	10
Iowa	1	133	0	15	0	0	28
Kansas	0	5	0	14	0	0	0
Minnesota	1	345	0	22	0	0	44
Missouri	0	9	0	10	0	0	14
Nebraska	5	318	0	53	0	0	32
North Dakota	0	93	0	51	0	0	25
South Dakota	0	656	0	56	0	0	16
South Atlantic	0	0	0	1	0	0	5
Delaware	0	0	0	0	0	0	0
Florida	0	0	0	1	0	0	40
Georgia	0	17	0	3	0	0	8
Maryland	0	10	0	1	0	0	0
North Carolina	0	12	0	1	0	0	9
South Carolina	0	7	0	3	0	0	13
Virginia	0	20	0	2	0	0	11
West Virginia	0	0	0	0	0	0	23
East South Central	0	4	0	1	0	0	4
Alabama	0	134	0	3	0	0	6
Kentucky	0	7	0	3	0	0	7
Mississippi	0	1	0	1	0	0	0
Tennessee	0	2	0	3	0	0	7
West South Central	0	13	0	2	0	0	8
Arkansas	0	46	0	5	0	0	10
Louisiana	0	205	0	2	0	0	0
Oklahoma	0	9	0	3	0	0	13
Texas	0	18	0	3	0	0	22
Mountain	1	57	0	1	0	0	6
Arizona	0	31	0	1	0	0	5
Colorado	0	369	0	2	0	0	23
Idaho	0	0	0	27	0	0	12
Montana	0	1,989	0	72	0	0	11
Nevada	0	0	0	1	0	0	0
New Mexico	0	874	0	3	0	0	78
Utah	0	1	0	2	0	0	42
Wyoming	4	1	0	8	0	0	37
Pacific Contiguous	0	157	0	6	0	0	2
California	0	134	0	2	0	0	5
Oregon	0	562	0	17	0	0	4
Washington	0	1,572	0	24	0	0	1
Pacific Noncontiguous	57	5	0	44	0	0	27
Alaska	57	15	0	44	0	0	27
Hawaii	0	4	0	0	0	0	0
U.S. Total	0	3	0	1	0	0	2

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

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

Electric Utilities by Census Division and State, June 2024 (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	14	8	0	0	17
Connecticut	0	0	0	0	0	0	0	16
Maine	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	25	22	0	0	39
New Hampshire	0	0	0	0	0	0	0	165
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	4	7	0	0	12
Middle Atlantic	0	0	0	23	8	0	0	2
New Jersey	0	0	0	23	23	0	0	43
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	0
East North Central	0	0	0	2	2	0	15	1
Illinois	0	0	0	50	46	0	0	12
Indiana	0	0	0	3	4	0	0	1
Michigan	0	0	0	18	2	0	0	2
Ohio	0	0	0	95	84	0	0	5
Wisconsin	0	0	0	2	3	0	27	4
West North Central	0	0	0	9	1	0	6	2
Iowa	0	0	0	8	1	0	0	3
Kansas	0	0	0	68	4	0	0	3
Minnesota	0	0	0	20	3	0	0	5
Missouri	0	0	0	42	2	0	0	1
Nebraska	0	0	0	92	28	0	0	7
North Dakota	0	0	0	0	4	0	67	3
South Dakota	0	0	0	0	7	0	0	14
South Atlantic	0	0	0	0	1	0	0	0
Delaware	0	0	0	101	101	0	0	7
District of Columbia	0	0	0	200	200	0	0	200
Florida	0	0	0	0	0	0	0	0
Georgia	0	0	0	6	6	0	0	1
Maryland	0	0	0	90	90	0	0	1
North Carolina	0	0	0	5	5	0	0	1
South Carolina	0	0	0	91	55	0	0	1
Virginia	0	0	0	2	6	0	0	1
West Virginia	0	0	0	58	58	0	0	0
East South Central	0	0	0	9	13	0	0	1
Alabama	0	0	0	51	51	0	0	1
Kentucky	0	0	0	33	33	0	0	1
Mississippi	0	0	0	4	4	0	0	1
Tennessee	0	0	0	158	158	0	0	1
West South Central	0	0	0	9	2	0	0	1
Arkansas	0	0	0	9	9	0	0	2
Louisiana	0	0	0	41	41	0	0	1
Oklahoma	0	0	0	26	1	0	0	2
Texas	0	0	0	68	9	0	0	2
Mountain	0	32	0	4	2	0	5	1
Arizona	0	0	0	9	9	0	0	0
Colorado	0	0	0	72	2	0	0	1
Idaho	0	0	0	0	9	0	0	11
Montana	0	0	0	0	7	0	0	10
Nevada	0	0	0	2	2	0	0	0
New Mexico	0	0	0	12	2	0	0	2
Utah	0	32	0	21	27	0	37	1
Wyoming	0	0	0	0	4	0	0	3
Pacific Contiguous	0	0	0	13	3	0	0	2
California	0	0	0	13	4	0	0	2
Oregon	0	0	0	109	4	0	0	5
Washington	0	0	0	92	5	0	0	2
Pacific Noncontiguous	0	0	0	23	22	0	0	13
Alaska	0	0	0	193	43	0	0	24
Hawaii	0	0	0	23	19	0	0	4
U.S. Total	0	8	0	1	1	0	2	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 June 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	11	0	95	0	0	23
Connecticut	0	27	0	0	0	0	41
Maine	0	0	0	0	0	0	0
Massachusetts	0	11	0	111	0	0	42
New Hampshire	0	0	0	0	0	0	165
Rhode Island	0	0	0	0	0	0	0
Vermont	0	202	0	0	0	0	28
Middle Atlantic	0	42	0	4	0	0	1
New Jersey	0	0	0	81	0	0	0
New York	0	43	0	4	0	0	1
Pennsylvania	0	47	0	0	0	0	0
East North Central	1	42	0	4	0	0	16
Illinois	0	30	0	15	0	0	55
Indiana	1	3	0	4	0	0	31
Michigan	0	55	0	6	0	0	30
Ohio	8	19	0	6	0	0	39
Wisconsin	0	262	0	7	0	0	25
West North Central	1	56	0	11	0	0	10
Iowa	1	133	0	15	0	0	28
Kansas	0	5	0	14	0	0	0
Minnesota	1	345	0	22	0	0	44
Missouri	0	9	0	10	0	0	14
Nebraska	5	318	0	53	0	0	32
North Dakota	0	93	0	51	0	0	25
South Dakota	0	656	0	56	0	0	16
South Atlantic	0	0	0	1	0	0	5
Delaware	0	0	0	0	0	0	0
Florida	0	0	0	1	0	0	40
Georgia	0	17	0	3	0	0	8
Maryland	0	10	0	1	0	0	0
North Carolina	0	12	0	1	0	0	9
South Carolina	0	7	0	3	0	0	13
Virginia	0	20	0	2	0	0	11
West Virginia	0	0	0	0	0	0	23
East South Central	0	4	0	1	0	0	4
Alabama	0	134	0	3	0	0	6
Kentucky	0	7	0	3	0	0	7
Mississippi	0	1	0	1	0	0	0
Tennessee	0	2	0	3	0	0	7
West South Central	0	13	0	2	0	0	8
Arkansas	0	46	0	5	0	0	10
Louisiana	0	205	0	2	0	0	0
Oklahoma	0	9	0	3	0	0	13
Texas	0	18	0	3	0	0	22
Mountain	1	57	0	1	0	0	6
Arizona	0	31	0	1	0	0	5
Colorado	0	369	0	2	0	0	23
Idaho	0	0	0	27	0	0	12
Montana	0	1,989	0	72	0	0	11
Nevada	0	0	0	1	0	0	0
New Mexico	0	874	0	3	0	0	78
Utah	0	1	0	2	0	0	42
Wyoming	4	1	0	8	0	0	37
Pacific Contiguous	0	157	0	6	0	0	2
California	0	134	0	2	0	0	5
Oregon	0	562	0	17	0	0	4
Washington	0	1,572	0	24	0	0	1
Pacific Noncontiguous	57	5	0	44	0	0	27
Alaska	57	15	0	44	0	0	27
Hawaii	0	4	0	0	0	0	0
U.S. Total	0	3	0	1	0	0	2

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

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

Electric Utilities by Census Division and State, Year-to-Date through June 2024 (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	14	8	0	0	17
Connecticut	0	0	0	0	0	0	0	16
Maine	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	25	22	0	0	39
New Hampshire	0	0	0	0	0	0	0	165
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	4	7	0	0	12
Middle Atlantic	0	0	0	23	8	0	0	2
New Jersey	0	0	0	23	23	0	0	43
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	0
East North Central	0	0	0	2	2	0	15	1
Illinois	0	0	0	50	46	0	0	12
Indiana	0	0	0	3	4	0	0	1
Michigan	0	0	0	18	2	0	0	2
Ohio	0	0	0	95	84	0	0	5
Wisconsin	0	0	0	2	3	0	27	4
West North Central	0	0	0	9	1	0	6	2
Iowa	0	0	0	8	1	0	0	3
Kansas	0	0	0	68	4	0	0	3
Minnesota	0	0	0	20	3	0	0	5
Missouri	0	0	0	42	2	0	0	1
Nebraska	0	0	0	92	28	0	0	7
North Dakota	0	0	0	0	4	0	67	3
South Dakota	0	0	0	0	7	0	0	14
South Atlantic	0	0	0	0	1	0	0	0
Delaware	0	0	0	101	101	0	0	7
District of Columbia	0	0	0	200	200	0	0	200
Florida	0	0	0	0	0	0	0	0
Georgia	0	0	0	6	6	0	0	1
Maryland	0	0	0	90	90	0	0	1
North Carolina	0	0	0	5	5	0	0	1
South Carolina	0	0	0	91	55	0	0	1
Virginia	0	0	0	2	6	0	0	1
West Virginia	0	0	0	58	58	0	0	0
East South Central	0	0	0	9	13	0	0	1
Alabama	0	0	0	51	51	0	0	1
Kentucky	0	0	0	33	33	0	0	1
Mississippi	0	0	0	4	4	0	0	1
Tennessee	0	0	0	158	158	0	0	1
West South Central	0	0	0	9	2	0	0	1
Arkansas	0	0	0	9	9	0	0	2
Louisiana	0	0	0	41	41	0	0	1
Oklahoma	0	0	0	26	1	0	0	2
Texas	0	0	0	68	9	0	0	2
Mountain	0	32	0	4	2	0	5	1
Arizona	0	0	0	9	9	0	0	0
Colorado	0	0	0	72	2	0	0	1
Idaho	0	0	0	0	9	0	0	11
Montana	0	0	0	0	7	0	0	10
Nevada	0	0	0	2	2	0	0	0
New Mexico	0	0	0	12	2	0	0	2
Utah	0	32	0	21	27	0	37	1
Wyoming	0	0	0	0	4	0	0	3
Pacific Contiguous	0	0	0	13	3	0	0	2
California	0	0	0	13	4	0	0	2
Oregon	0	0	0	109	4	0	0	5
Washington	0	0	0	92	5	0	0	2
Pacific Noncontiguous	0	0	0	23	22	0	0	13
Alaska	0	0	0	193	43	0	0	24
Hawaii	0	0	0	23	19	0	0	4
U.S. Total	0	8	0	1	1	0	2	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, June 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	16	0	2	0	0	8
Connecticut	0	39	0	2	0	0	37
Maine	0	5	0	9	0	0	12
Massachusetts	0	9	0	5	0	0	23
New Hampshire	0	17	0	0	0	0	16
Rhode Island	0	145	0	8	0	0	163
Vermont	0	0	0	0	0	0	22
Middle Atlantic	6	15	0	1	0	0	8
New Jersey	0	112	0	3	0	0	0
New York	0	14	0	2	0	0	10
Pennsylvania	6	40	0	1	0	0	11
East North Central	0	15	78	1	7	0	42
Illinois	0	42	0	4	0	0	103
Indiana	0	0	0	0	0	0	0
Michigan	0	0	0	2	0	0	119
Ohio	0	16	78	2	24	0	44
Wisconsin	0	0	0	0	0	0	107
West North Central	0	747	0	17	0	0	57
Iowa	0	62	0	2,730	0	0	0
Kansas	0	0	0	0	0	0	0
Minnesota	0	1,311	0	30	0	0	74
Missouri	0	0	0	3	0	0	0
South Dakota	0	0	0	0	0	0	0
South Atlantic	4	12	0	3	0	0	9
Delaware	0	67	0	8	0	0	0
Florida	0	16	0	7	0	0	0
Georgia	0	206	0	10	0	0	468
Maryland	0	11	0	3	0	0	0
North Carolina	0	113	0	8	0	0	21
South Carolina	0	17	0	20	0	0	74
Virginia	0	7	0	2	0	0	41
West Virginia	5	0	0	9	0	0	29
East South Central	0	119	0	0	0	0	21
Alabama	0	119	0	0	0	0	0
Kentucky	0	0	0	0	0	0	153
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	21
West South Central	0	17	0	1	0	0	19
Arkansas	0	0	0	0	0	0	95
Louisiana	0	0	0	6	0	0	20
Oklahoma	0	0	0	0	0	0	0
Texas	0	18	0	1	0	0	0
Mountain	10	7	0	3	0	0	30
Arizona	0	0	0	0	0	0	0
Colorado	0	0	0	9	0	0	66
Idaho	0	0	0	57	0	0	39
Montana	14	7	0	61	0	0	97
Nevada	0	0	0	0	0	0	76
New Mexico	0	0	0	4	0	0	0
Utah	0	0	0	94	0	0	0
Wyoming	0	0	0	0	0	0	0
Pacific Contiguous	0	8	0	2	0	0	28
California	0	0	0	2	0	0	32
Oregon	0	0	0	3	0	0	72
Washington	0	9	0	24	0	0	70
Pacific Noncontiguous	59	0	0	0	0	0	0
Alaska	59	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	1	4	46	1	4	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.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, June 2024 (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	4	4	0	0	1
Connecticut	0	0	0	10	9	0	0	1
Maine	0	0	0	10	6	0	0	5
Massachusetts	0	0	0	6	5	0	0	4
New Hampshire	0	0	0	132	21	0	0	2
Rhode Island	0	0	0	10	7	0	0	7
Vermont	0	0	0	19	17	0	0	15
Middle Atlantic	0	0	0	4	2	0	0	1
New Jersey	0	0	0	7	6	0	0	1
New York	0	0	0	5	3	0	0	1
Pennsylvania	0	0	0	7	4	0	0	1
East North Central	0	0	0	1	1	0	27	1
Illinois	0	0	0	3	1	0	0	1
Indiana	0	0	0	3	2	0	0	1
Michigan	0	0	0	5	4	0	35	2
Ohio	0	0	0	1	1	0	0	1
Wisconsin	0	0	0	11	7	0	0	1
West North Central	0	0	0	4	1	0	0	1
Iowa	0	0	0	6	2	0	0	2
Kansas	0	0	0	24	1	0	0	1
Minnesota	0	0	0	6	3	0	0	8
Missouri	0	0	0	20	2	0	0	2
Nebraska	0	0	0	10	2	0	0	2
North Dakota	0	0	0	0	2	0	0	2
South Dakota	0	0	0	1	1	0	0	1
South Atlantic	0	0	0	1	1	0	0	1
Delaware	0	0	0	10	15	0	0	7
District of Columbia	0	0	0	47	47	0	0	47
Florida	0	0	0	4	4	0	0	5
Georgia	0	0	0	1	1	0	0	5
Maryland	0	0	0	7	5	0	0	1
North Carolina	0	0	0	2	2	0	0	3
South Carolina	0	0	0	3	4	0	0	5
Virginia	0	0	0	2	3	0	0	2
West Virginia	0	0	0	0	1	0	0	4
East South Central	0	0	0	1	2	0	0	1
Alabama	0	0	0	1	2	0	0	0
Kentucky	0	0	0	6	8	0	0	6
Mississippi	0	0	0	1	1	0	0	1
Tennessee	0	0	0	4	5	0	0	7
West South Central	0	0	0	0	1	0	0	0
Arkansas	0	0	0	2	2	0	0	1
Louisiana	0	0	0	3	5	0	0	5
Oklahoma	0	0	0	2	2	0	0	1
Texas	0	0	0	0	1	0	0	1
Mountain	0	10	0	1	1	0	0	1
Arizona	0	0	0	1	1	0	0	0
Colorado	0	0	0	2	2	0	0	2
Idaho	0	48	0	3	4	0	0	15
Montana	0	0	0	0	1	0	0	6
Nevada	0	10	0	1	2	0	0	2
New Mexico	0	0	0	2	1	0	0	1
Utah	0	31	0	1	1	0	0	2
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	0	5	0	1	1	0	0	1
California	0	5	0	1	1	0	0	1
Oregon	0	33	0	3	2	0	0	2
Washington	0	0	0	4	4	0	0	10
Pacific Noncontiguous	0	34	0	5	7	0	0	4
Alaska	0	0	0	103	48	0	0	42
Hawaii	0	34	0	5	7	0	0	4
U.S. Total	0	6	0	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.3.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, Year-to-Date through June 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	16	0	2	0	0	8
Connecticut	0	39	0	2	0	0	37
Maine	0	5	0	9	0	0	12
Massachusetts	0	9	0	5	0	0	23
New Hampshire	0	17	0	0	0	0	16
Rhode Island	0	145	0	8	0	0	163
Vermont	0	0	0	0	0	0	22
Middle Atlantic	6	15	0	1	0	0	8
New Jersey	0	112	0	3	0	0	0
New York	0	14	0	2	0	0	10
Pennsylvania	6	40	0	1	0	0	11
East North Central	0	15	78	1	7	0	42
Illinois	0	42	0	4	0	0	103
Indiana	0	0	0	0	0	0	0
Michigan	0	0	0	2	0	0	119
Ohio	0	16	78	2	24	0	44
Wisconsin	0	0	0	0	0	0	107
West North Central	0	747	0	17	0	0	57
Iowa	0	62	0	2,730	0	0	0
Kansas	0	0	0	0	0	0	0
Minnesota	0	1,311	0	30	0	0	74
Missouri	0	0	0	3	0	0	0
South Dakota	0	0	0	0	0	0	0
South Atlantic	4	12	0	3	0	0	9
Delaware	0	67	0	8	0	0	0
Florida	0	16	0	7	0	0	0
Georgia	0	206	0	10	0	0	468
Maryland	0	11	0	3	0	0	0
North Carolina	0	113	0	8	0	0	21
South Carolina	0	17	0	20	0	0	74
Virginia	0	7	0	2	0	0	41
West Virginia	5	0	0	9	0	0	29
East South Central	0	119	0	0	0	0	21
Alabama	0	119	0	0	0	0	0
Kentucky	0	0	0	0	0	0	153
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	21
West South Central	0	17	0	1	0	0	19
Arkansas	0	0	0	0	0	0	95
Louisiana	0	0	0	6	0	0	20
Oklahoma	0	0	0	0	0	0	0
Texas	0	18	0	1	0	0	0
Mountain	10	7	0	3	0	0	30
Arizona	0	0	0	0	0	0	0
Colorado	0	0	0	9	0	0	66
Idaho	0	0	0	57	0	0	39
Montana	14	7	0	61	0	0	97
Nevada	0	0	0	0	0	0	76
New Mexico	0	0	0	4	0	0	0
Utah	0	0	0	94	0	0	0
Wyoming	0	0	0	0	0	0	0
Pacific Contiguous	0	8	0	2	0	0	28
California	0	0	0	2	0	0	32
Oregon	0	0	0	3	0	0	72
Washington	0	9	0	24	0	0	70
Pacific Noncontiguous	59	0	0	0	0	0	0
Alaska	59	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	1	4	46	1	4	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 June 2024 (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	4	4	0	0	1
Connecticut	0	0	0	10	9	0	0	1
Maine	0	0	0	10	6	0	0	5
Massachusetts	0	0	0	6	5	0	0	4
New Hampshire	0	0	0	132	21	0	0	2
Rhode Island	0	0	0	10	7	0	0	7
Vermont	0	0	0	19	17	0	0	15
Middle Atlantic	0	0	0	4	2	0	0	1
New Jersey	0	0	0	7	6	0	0	1
New York	0	0	0	5	3	0	0	1
Pennsylvania	0	0	0	7	4	0	0	1
East North Central	0	0	0	1	1	0	27	1
Illinois	0	0	0	3	1	0	0	1
Indiana	0	0	0	3	2	0	0	1
Michigan	0	0	0	5	4	0	35	2
Ohio	0	0	0	1	1	0	0	1
Wisconsin	0	0	0	11	7	0	0	1
West North Central	0	0	0	4	1	0	0	1
Iowa	0	0	0	6	2	0	0	2
Kansas	0	0	0	24	1	0	0	1
Minnesota	0	0	0	6	3	0	0	8
Missouri	0	0	0	20	2	0	0	2
Nebraska	0	0	0	10	2	0	0	2
North Dakota	0	0	0	0	2	0	0	2
South Dakota	0	0	0	1	1	0	0	1
South Atlantic	0	0	0	1	1	0	0	1
Delaware	0	0	0	10	15	0	0	7
District of Columbia	0	0	0	47	47	0	0	47
Florida	0	0	0	4	4	0	0	5
Georgia	0	0	0	1	1	0	0	5
Maryland	0	0	0	7	5	0	0	1
North Carolina	0	0	0	2	2	0	0	3
South Carolina	0	0	0	3	4	0	0	5
Virginia	0	0	0	2	3	0	0	2
West Virginia	0	0	0	0	1	0	0	4
East South Central	0	0	0	1	2	0	0	1
Alabama	0	0	0	1	2	0	0	0
Kentucky	0	0	0	6	8	0	0	6
Mississippi	0	0	0	1	1	0	0	1
Tennessee	0	0	0	4	5	0	0	7
West South Central	0	0	0	0	1	0	0	0
Arkansas	0	0	0	2	2	0	0	1
Louisiana	0	0	0	3	5	0	0	5
Oklahoma	0	0	0	2	2	0	0	1
Texas	0	0	0	0	1	0	0	1
Mountain	0	10	0	1	1	0	0	1
Arizona	0	0	0	1	1	0	0	0
Colorado	0	0	0	2	2	0	0	2
Idaho	0	48	0	3	4	0	0	15
Montana	0	0	0	0	1	0	0	6
Nevada	0	10	0	1	2	0	0	2
New Mexico	0	0	0	2	1	0	0	1
Utah	0	31	0	1	1	0	0	2
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	0	5	0	1	1	0	0	1
California	0	5	0	1	1	0	0	1
Oregon	0	33	0	3	2	0	0	2
Washington	0	0	0	4	4	0	0	10
Pacific Noncontiguous	0	34	0	5	7	0	0	4
Alaska	0	0	0	103	48	0	0	42
Hawaii	0	34	0	5	7	0	0	4
U.S. Total	0	6	0	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.4.A. Relative Standard Error for Net Generation by Fuel Type:
Commercial Sector by Census Division and State, June 2024**

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	69	0	10	0	0	0
Connecticut	0	229	0	16	0	0	0
Maine	0	0	0	0	0	0	0
Massachusetts	0	86	0	13	0	0	0
New Hampshire	0	3	0	0	0	0	0
Rhode Island	0	433	0	37	0	0	0
Vermont	0	0	0	0	0	0	0
Middle Atlantic	0	83	0	9	0	0	0
New Jersey	0	195	0	16	0	0	0
New York	0	115	0	12	0	0	0
Pennsylvania	0	0	0	5	0	0	0
East North Central	239	32	0	5	0	0	444
Illinois	239	36	0	16	0	0	0
Indiana	0	0	0	0	0	0	444
Michigan	0	322	0	7	0	0	0
Ohio	0	29	0	2	0	0	0
Wisconsin	0	163	0	9	0	0	0
West North Central	0	17	0	1	0	0	0
Iowa	0	0	0	4	0	0	0
Minnesota	0	18	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0
South Dakota	0	765	0	0	0	0	0
South Atlantic	0	4	0	22	0	0	0
District of Columbia	0	18,601	0	21	0	0	0
Florida	0	0	0	82	0	0	0
Georgia	0	24	0	0	0	0	0
Maryland	0	1,302	0	14	0	0	0
North Carolina	0	179	0	81	0	0	0
South Carolina	0	0	0	0	0	0	0
Virginia	0	0	0	0	0	0	0
East South Central	0	0	0	18	0	0	0
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	18	0	0	0
West South Central	0	86	0	28	0	0	0
Arkansas	0	0	0	180	0	0	0
Louisiana	0	0	0	162	0	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	86	0	29	0	0	0
Mountain	0	546	0	19	0	0	97
Arizona	0	546	0	3	0	0	0
Colorado	0	0	0	0	0	0	0
Idaho	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	0	0	71	0	0	0
Utah	0	0	0	48	0	0	176
Pacific Contiguous	0	18	0	11	0	0	225
California	0	1	0	11	0	0	225
Oregon	0	981	0	18	0	0	0
Washington	0	0	0	0	0	0	0
Pacific Noncontiguous	48	8	0	0	0	0	80
Alaska	48	129	0	0	0	0	80
Hawaii	0	0	0	0	0	0	0
U.S. Total	41	12	0	6	0	0	58

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

**Table A.4.A. Relative Standard Error for Net Generation by Fuel Type:
Commercial Sector by Census Division and State, June 2024 (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	63	3	0	0	5
Connecticut	0	0	0	105	105	0	0	16
Maine	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	79	2	0	0	6
New Hampshire	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	35
Vermont	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	0	18	3	0	1	3
New Jersey	0	0	0	19	7	0	0	5
New York	0	0	0	67	2	0	2	4
Pennsylvania	0	0	0	93	4	0	0	2
East North Central	0	0	0	76	17	0	0	5
Illinois	0	0	0	220	163	0	0	16
Indiana	0	0	0	203	18	0	0	18
Michigan	0	0	0	251	12	0	0	6
Ohio	0	0	0	110	45	0	0	3
Wisconsin	0	0	0	139	39	0	0	16
West North Central	0	0	0	0	13	0	53	5
Iowa	0	0	0	0	20	0	0	4
Kansas	0	0	0	0	139	0	0	139
Minnesota	0	0	0	0	22	0	53	12
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	765
South Atlantic	0	0	0	22	4	0	0	6
Delaware	0	0	0	158	126	0	0	126
District of Columbia	0	0	0	0	0	0	0	15
Florida	0	0	0	93	2	0	0	10
Georgia	0	0	0	163	163	0	0	117
Maryland	0	0	0	63	63	0	0	14
North Carolina	0	0	0	24	24	0	0	37
South Carolina	0	0	0	0	0	0	0	0
Virginia	0	0	0	202	2	0	0	1
East South Central	0	0	0	97	97	0	0	18
Kentucky	0	0	0	162	162	0	0	162
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	121	121	0	0	18
West South Central	0	0	0	16	18	0	0	26
Arkansas	0	0	0	0	0	0	0	102
Louisiana	0	0	0	0	0	0	0	162
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	130	28	0	0	28
Mountain	0	0	0	29	24	0	0	17
Arizona	0	0	0	57	57	0	0	11
Colorado	0	0	0	76	76	0	0	30
Idaho	0	0	0	0	30	0	0	13
Nevada	0	0	0	37	37	0	0	18
New Mexico	0	0	0	0	351	0	0	70
Utah	0	0	0	0	0	0	0	49
Pacific Contiguous	0	0	0	18	7	0	0	7
California	0	0	0	18	7	0	0	7
Oregon	0	0	0	0	35	0	0	17
Washington	0	0	0	0	76	0	0	47
Pacific Noncontiguous	0	0	0	101	8	0	0	23
Alaska	0	0	0	0	0	0	0	46
Hawaii	0	0	0	101	9	0	0	4
U.S. Total	0	0	0	10	2	0	1	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.

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

Commercial Sector by Census Division and State, Year-to-Date through June 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	69	0	10	0	0	0
Connecticut	0	229	0	16	0	0	0
Maine	0	0	0	0	0	0	0
Massachusetts	0	86	0	13	0	0	0
New Hampshire	0	3	0	0	0	0	0
Rhode Island	0	433	0	37	0	0	0
Vermont	0	0	0	0	0	0	0
Middle Atlantic	0	83	0	9	0	0	0
New Jersey	0	195	0	16	0	0	0
New York	0	115	0	12	0	0	0
Pennsylvania	0	0	0	5	0	0	0
East North Central	239	32	0	5	0	0	444
Illinois	239	36	0	16	0	0	0
Indiana	0	0	0	0	0	0	444
Michigan	0	322	0	7	0	0	0
Ohio	0	29	0	2	0	0	0
Wisconsin	0	163	0	9	0	0	0
West North Central	0	17	0	1	0	0	0
Iowa	0	0	0	4	0	0	0
Minnesota	0	18	0	0	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0
South Dakota	0	765	0	0	0	0	0
South Atlantic	0	4	0	22	0	0	0
District of Columbia	0	18,601	0	21	0	0	0
Florida	0	0	0	82	0	0	0
Georgia	0	24	0	0	0	0	0
Maryland	0	1,302	0	14	0	0	0
North Carolina	0	179	0	81	0	0	0
South Carolina	0	0	0	0	0	0	0
Virginia	0	0	0	0	0	0	0
East South Central	0	0	0	18	0	0	0
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	18	0	0	0
West South Central	0	86	0	28	0	0	0
Arkansas	0	0	0	180	0	0	0
Louisiana	0	0	0	162	0	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	86	0	29	0	0	0
Mountain	0	546	0	19	0	0	97
Arizona	0	546	0	3	0	0	0
Colorado	0	0	0	0	0	0	0
Idaho	0	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	0	0	71	0	0	0
Utah	0	0	0	48	0	0	176
Pacific Contiguous	0	18	0	11	0	0	225
California	0	1	0	11	0	0	225
Oregon	0	981	0	18	0	0	0
Washington	0	0	0	0	0	0	0
Pacific Noncontiguous	48	8	0	0	0	0	80
Alaska	48	129	0	0	0	0	80
Hawaii	0	0	0	0	0	0	0
U.S. Total	41	12	0	6	0	0	58

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

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

Commercial Sector by Census Division and State, Year-to-Date through June 2024 (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	63	3	0	0	5
Connecticut	0	0	0	105	105	0	0	16
Maine	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	79	2	0	0	6
New Hampshire	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	35
Vermont	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	0	18	3	0	1	3
New Jersey	0	0	0	19	7	0	0	5
New York	0	0	0	67	2	0	2	4
Pennsylvania	0	0	0	93	4	0	0	2
East North Central	0	0	0	76	17	0	0	5
Illinois	0	0	0	220	163	0	0	16
Indiana	0	0	0	203	18	0	0	18
Michigan	0	0	0	251	12	0	0	6
Ohio	0	0	0	110	45	0	0	3
Wisconsin	0	0	0	139	39	0	0	16
West North Central	0	0	0	0	13	0	53	5
Iowa	0	0	0	0	20	0	0	4
Kansas	0	0	0	0	139	0	0	139
Minnesota	0	0	0	0	22	0	53	12
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	0
North Dakota	0	0	0	0	0	0	0	0
South Dakota	0	0	0	0	0	0	0	765
South Atlantic	0	0	0	22	4	0	0	6
Delaware	0	0	0	158	126	0	0	126
District of Columbia	0	0	0	0	0	0	0	15
Florida	0	0	0	93	2	0	0	10
Georgia	0	0	0	163	163	0	0	117
Maryland	0	0	0	63	63	0	0	14
North Carolina	0	0	0	24	24	0	0	37
South Carolina	0	0	0	0	0	0	0	0
Virginia	0	0	0	202	2	0	0	1
East South Central	0	0	0	97	97	0	0	18
Kentucky	0	0	0	162	162	0	0	162
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	121	121	0	0	18
West South Central	0	0	0	16	18	0	0	26
Arkansas	0	0	0	0	0	0	0	102
Louisiana	0	0	0	0	0	0	0	162
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	130	28	0	0	28
Mountain	0	0	0	29	24	0	0	17
Arizona	0	0	0	57	57	0	0	11
Colorado	0	0	0	76	76	0	0	30
Idaho	0	0	0	0	30	0	0	13
Nevada	0	0	0	37	37	0	0	18
New Mexico	0	0	0	0	351	0	0	70
Utah	0	0	0	0	0	0	0	49
Pacific Contiguous	0	0	0	18	7	0	0	7
California	0	0	0	18	7	0	0	7
Oregon	0	0	0	0	35	0	0	17
Washington	0	0	0	0	76	0	0	47
Pacific Noncontiguous	0	0	0	101	8	0	0	23
Alaska	0	0	0	0	0	0	0	46
Hawaii	0	0	0	101	9	0	0	4
U.S. Total	0	0	0	10	2	0	1	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.

**Table A.5.A. Relative Standard Error for Net Generation by Fuel Type:
Industrial Sector by Census Division and State, June 2024**

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	5	0	8	0	0	65
Connecticut	0	1,983	0	9	0	0	0
Maine	0	1	0	27	0	0	65
Massachusetts	0	0	0	15	0	0	0
New Hampshire	0	0	0	0	0	0	0
Rhode Island	0	0	0	28	0	0	0
Middle Atlantic	0	2	0	4	22	0	38
New Jersey	0	0	0	7	0	0	0
New York	0	6	0	5	0	0	38
Pennsylvania	0	3	0	4	30	0	0
East North Central	7	12	0	4	9	0	38
Illinois	0	0	0	10	0	0	0
Indiana	0	24	0	5	11	0	0
Michigan	459	0	0	13	0	0	349
Ohio	0	0	0	11	0	0	0
Wisconsin	54	70	0	10	0	0	35
West North Central	4	4	0	11	0	0	0
Iowa	2	131	0	8	0	0	0
Kansas	0	0	0	36	0	0	0
Minnesota	58	0	0	16	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	9	0	0	0	0	0	0
North Dakota	63	0	0	0	0	0	0
South Dakota	0	0	0	56	0	0	0
South Atlantic	8	19	250	7	0	0	27
Delaware	0	0	0	0	0	0	0
Florida	0	63	0	20	0	0	0
Georgia	18	19	250	17	0	0	209
Maryland	0	0	0	0	0	0	0
North Carolina	9	75	0	56	0	0	702
South Carolina	0	0	0	14	0	0	0
Virginia	0	65	0	14	0	0	0
West Virginia	0	0	0	0	0	0	26
East South Central	0	160	0	11	0	0	0
Alabama	0	214	0	23	0	0	0
Kentucky	0	0	0	0	0	0	0
Mississippi	0	0	0	33	0	0	0
Tennessee	0	0	0	6	0	0	0
West South Central	0	37	0	2	6	0	0
Arkansas	0	937	0	50	0	0	0
Louisiana	0	0	0	3	9	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	6	0	3	7	0	0
Mountain	26	0	0	3	4	0	0
Colorado	0	0	0	0	0	0	0
Idaho	317	0	0	23	0	0	0
Montana	330	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
Wyoming	25	0	0	4	4	0	0
Pacific Contiguous	0	63	0	2	0	0	0
California	0	255	0	3	0	0	0
Oregon	0	0	0	24	0	0	0
Washington	0	64	0	3	0	0	0
Pacific Noncontiguous	0	2	0	0	0	0	106
Alaska	0	8	0	0	0	0	0
Hawaii	0	0	0	0	0	0	106
U.S. Total	3	8	37	2	4	0	17

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

**Table A.5.A. Relative Standard Error for Net Generation by Fuel Type:
Industrial Sector by Census Division and State, June 2024 (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	90	15	0	0	7
Connecticut	0	0	0	148	148	0	0	9
Maine	0	0	0	0	15	0	0	11
Massachusetts	0	0	0	77	77	0	0	15
New Hampshire	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	28
Middle Atlantic	0	0	0	59	14	0	0	4
New Jersey	0	0	0	116	116	0	0	5
New York	0	0	0	91	24	0	0	6
Pennsylvania	0	0	0	99	17	0	0	5
East North Central	0	0	0	72	9	0	0	3
Illinois	0	0	0	205	205	0	0	4
Indiana	0	0	0	0	34	0	0	5
Michigan	0	0	0	0	14	0	0	9
Ohio	0	0	0	0	18	0	0	6
Wisconsin	0	0	0	0	12	0	0	9
West North Central	0	0	0	37	6	0	0	4
Iowa	0	0	0	0	0	0	0	3
Kansas	0	0	0	0	154	0	0	35
Minnesota	0	0	0	37	6	0	0	7
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	9
North Dakota	0	0	0	0	0	0	0	50
South Dakota	0	0	0	0	86	0	0	47
South Atlantic	0	0	0	78	4	0	0	3
Delaware	0	0	0	141	58	0	0	1
Florida	0	0	0	135	10	0	0	9
Georgia	0	0	0	0	7	0	0	7
Maryland	0	0	0	0	0	0	0	0
North Carolina	0	0	0	0	9	0	0	12
South Carolina	0	0	0	111	3	0	0	3
Virginia	0	0	0	0	0	0	0	6
West Virginia	0	0	0	0	0	0	0	10
East South Central	0	0	0	0	4	0	0	5
Alabama	0	0	0	0	6	0	0	8
Kentucky	0	0	0	0	25	0	0	16
Mississippi	0	0	0	0	6	0	0	11
Tennessee	0	0	0	0	0	0	0	3
West South Central	0	0	0	73	6	0	3	2
Arkansas	0	0	0	136	10	0	0	12
Louisiana	0	0	0	0	9	0	0	3
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	85	16	0	6	3
Mountain	0	0	0	41	21	0	0	4
Arizona	0	0	0	71	71	0	0	71
Colorado	0	0	0	72	66	0	0	9
Idaho	0	0	0	150	8	0	0	14
Montana	0	0	0	0	0	0	0	53
Nevada	0	0	0	74	74	0	0	2
New Mexico	0	0	0	0	0	0	0	0
Utah	0	0	0	143	143	0	0	4
Wyoming	0	0	0	0	0	0	0	7
Pacific Contiguous	0	0	0	19	9	0	9	2
California	0	0	0	19	12	0	9	2
Oregon	0	0	0	0	18	0	0	16
Washington	0	0	0	0	17	0	0	6
Pacific Noncontiguous	0	0	0	0	0	0	0	21
Alaska	0	0	0	0	0	0	0	5
Hawaii	0	0	0	0	0	0	0	27
U.S. Total	0	0	0	14	3	0	1	1

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

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

Industrial Sector by Census Division and State, Year-to-Date through June 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	5	0	8	0	0	65
Connecticut	0	1,983	0	9	0	0	0
Maine	0	1	0	27	0	0	65
Massachusetts	0	0	0	15	0	0	0
New Hampshire	0	0	0	0	0	0	0
Rhode Island	0	0	0	28	0	0	0
Middle Atlantic	0	2	0	4	22	0	38
New Jersey	0	0	0	7	0	0	0
New York	0	6	0	5	0	0	38
Pennsylvania	0	3	0	4	30	0	0
East North Central	7	12	0	4	9	0	38
Illinois	0	0	0	10	0	0	0
Indiana	0	24	0	5	11	0	0
Michigan	459	0	0	13	0	0	349
Ohio	0	0	0	11	0	0	0
Wisconsin	54	70	0	10	0	0	35
West North Central	4	4	0	11	0	0	0
Iowa	2	131	0	8	0	0	0
Kansas	0	0	0	36	0	0	0
Minnesota	58	0	0	16	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	9	0	0	0	0	0	0
North Dakota	63	0	0	0	0	0	0
South Dakota	0	0	0	56	0	0	0
South Atlantic	8	19	250	7	0	0	27
Delaware	0	0	0	0	0	0	0
Florida	0	63	0	20	0	0	0
Georgia	18	19	250	17	0	0	209
Maryland	0	0	0	0	0	0	0
North Carolina	9	75	0	56	0	0	702
South Carolina	0	0	0	14	0	0	0
Virginia	0	65	0	14	0	0	0
West Virginia	0	0	0	0	0	0	26
East South Central	0	160	0	11	0	0	0
Alabama	0	214	0	23	0	0	0
Kentucky	0	0	0	0	0	0	0
Mississippi	0	0	0	33	0	0	0
Tennessee	0	0	0	6	0	0	0
West South Central	0	37	0	2	6	0	0
Arkansas	0	937	0	50	0	0	0
Louisiana	0	0	0	3	9	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	6	0	3	7	0	0
Mountain	26	0	0	3	4	0	0
Colorado	0	0	0	0	0	0	0
Idaho	317	0	0	23	0	0	0
Montana	330	0	0	0	0	0	0
Nevada	0	0	0	0	0	0	0
New Mexico	0	0	0	0	0	0	0
Utah	0	0	0	0	0	0	0
Wyoming	25	0	0	4	4	0	0
Pacific Contiguous	0	63	0	2	0	0	0
California	0	255	0	3	0	0	0
Oregon	0	0	0	24	0	0	0
Washington	0	64	0	3	0	0	0
Pacific Noncontiguous	0	2	0	0	0	0	106
Alaska	0	8	0	0	0	0	0
Hawaii	0	0	0	0	0	0	106
U.S. Total	3	8	37	2	4	0	17

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

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

Industrial Sector by Census Division and State, Year-to-Date through June 2024 (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	90	15	0	0	7
Connecticut	0	0	0	148	148	0	0	9
Maine	0	0	0	0	15	0	0	11
Massachusetts	0	0	0	77	77	0	0	15
New Hampshire	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	28
Middle Atlantic	0	0	0	59	14	0	0	4
New Jersey	0	0	0	116	116	0	0	5
New York	0	0	0	91	24	0	0	6
Pennsylvania	0	0	0	99	17	0	0	5
East North Central	0	0	0	72	9	0	0	3
Illinois	0	0	0	205	205	0	0	4
Indiana	0	0	0	0	34	0	0	5
Michigan	0	0	0	0	14	0	0	9
Ohio	0	0	0	0	18	0	0	6
Wisconsin	0	0	0	0	12	0	0	9
West North Central	0	0	0	37	6	0	0	4
Iowa	0	0	0	0	0	0	0	3
Kansas	0	0	0	0	154	0	0	35
Minnesota	0	0	0	37	6	0	0	7
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	9
North Dakota	0	0	0	0	0	0	0	50
South Dakota	0	0	0	0	86	0	0	47
South Atlantic	0	0	0	78	4	0	0	3
Delaware	0	0	0	141	58	0	0	1
Florida	0	0	0	135	10	0	0	9
Georgia	0	0	0	0	7	0	0	7
Maryland	0	0	0	0	0	0	0	0
North Carolina	0	0	0	0	9	0	0	12
South Carolina	0	0	0	111	3	0	0	3
Virginia	0	0	0	0	0	0	0	6
West Virginia	0	0	0	0	0	0	0	10
East South Central	0	0	0	0	4	0	0	5
Alabama	0	0	0	0	6	0	0	8
Kentucky	0	0	0	0	25	0	0	16
Mississippi	0	0	0	0	6	0	0	11
Tennessee	0	0	0	0	0	0	0	3
West South Central	0	0	0	73	6	0	3	2
Arkansas	0	0	0	136	10	0	0	12
Louisiana	0	0	0	0	9	0	0	3
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	85	16	0	6	3
Mountain	0	0	0	41	21	0	0	4
Arizona	0	0	0	71	71	0	0	71
Colorado	0	0	0	72	66	0	0	9
Idaho	0	0	0	150	8	0	0	14
Montana	0	0	0	0	0	0	0	53
Nevada	0	0	0	74	74	0	0	2
New Mexico	0	0	0	0	0	0	0	0
Utah	0	0	0	143	143	0	0	4
Wyoming	0	0	0	0	0	0	0	7
Pacific Contiguous	0	0	0	19	9	0	9	2
California	0	0	0	19	12	0	9	2
Oregon	0	0	0	0	18	0	0	16
Washington	0	0	0	0	17	0	0	6
Pacific Noncontiguous	0	0	0	0	0	0	0	21
Alaska	0	0	0	0	0	0	0	5
Hawaii	0	0	0	0	0	0	0	27
U.S. Total	0	0	0	14	3	0	1	1

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

Table A.6.A. Relative Standard Error for Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, June 2024

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	2	1	2	0	1
Connecticut	2	1	3	0	1
Maine	4	1	1	0	1
Massachusetts	4	1	4	0	1
New Hampshire	3	1	1	0	1
Rhode Island	0	0	0	0	0
Vermont	16	7	6	0	7
Middle Atlantic	1	0	0	0	0
New Jersey	1	0	1	0	1
New York	2	0	1	0	1
Pennsylvania	2	1	0	0	1
East North Central	1	1	1	0	1
Illinois	2	1	1	0	1
Indiana	6	3	2	0	2
Michigan	1	3	2	0	1
Ohio	2	1	1	0	1
Wisconsin	1	7	3	0	3
West North Central	3	3	2	0	2
Iowa	2	14	2	0	3
Kansas	10	6	6	0	5
Minnesota	2	9	4	0	4
Missouri	6	3	4	0	3
Nebraska	2	11	4	0	4
North Dakota	2	7	3	0	3
South Dakota	3	18	7	0	7
South Atlantic	3	1	1	0	1
Delaware	6	2	5	0	2
District of Columbia	0	0	0	0	0
Florida	3	2	4	0	2
Georgia	8	4	3	0	4
Maryland	2	1	2	0	1
North Carolina	6	3	3	0	3
South Carolina	8	4	3	0	4
Virginia	5	1	4	0	2
West Virginia	2	1	0	0	1
East South Central	4	2	1	0	2
Alabama	9	6	2	0	4
Kentucky	8	4	2	0	3
Mississippi	13	8	4	0	6
Tennessee	5	3	3	0	3
West South Central	4	3	1	0	2
Arkansas	11	7	3	0	5
Louisiana	8	4	2	0	3
Oklahoma	9	4	3	0	4
Texas	5	3	1	0	2
Mountain	1	1	1	0	1
Arizona	1	1	1	0	1
Colorado	5	1	2	0	2
Idaho	1	9	1	0	2
Montana	2	16	3	0	5
Nevada	1	0	1	0	1
New Mexico	7	2	2	0	2
Utah	5	1	1	0	2
Wyoming	2	10	3	0	3
Pacific Contiguous	1	1	1	0	1
California	1	0	1	0	0
Oregon	1	8	4	0	3
Washington	1	9	4	0	3
Pacific Noncontiguous	1	10	2	0	4
Alaska	3	21	8	0	10
Hawaii	0	0	0	0	0
U.S. Total	2	1	0	0	1

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

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

by End-Use Sector, Census Division, and State, Year-to-Date through June 2024

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1	0	1	0	1
Connecticut	1	1	2	0	1
Maine	1	1	1	0	1
Massachusetts	2	1	4	0	1
New Hampshire	2	1	1	0	1
Rhode Island	0	0	0	0	0
Vermont	7	4	4	0	3
Middle Atlantic	1	0	1	0	0
New Jersey	1	0	1	0	0
New York	1	0	1	0	0
Pennsylvania	1	1	1	0	1
East North Central	1	1	1	0	0
Illinois	2	1	1	0	1
Indiana	3	2	1	0	1
Michigan	0	2	1	0	1
Ohio	2	1	1	0	1
Wisconsin	1	4	2	0	2
West North Central	2	2	1	0	1
Iowa	1	8	2	0	2
Kansas	8	5	4	0	4
Minnesota	1	5	3	0	2
Missouri	3	2	3	0	2
Nebraska	1	7	3	0	3
North Dakota	1	4	2	0	2
South Dakota	1	10	5	0	4
South Atlantic	2	1	1	0	1
Delaware	3	1	5	0	2
District of Columbia	0	0	0	0	0
Florida	3	2	3	0	2
Georgia	6	3	2	0	3
Maryland	1	0	2	0	1
North Carolina	4	3	2	0	2
South Carolina	6	3	2	0	3
Virginia	4	1	3	0	1
West Virginia	1	1	0	0	0
East South Central	3	2	1	0	1
Alabama	6	5	2	0	3
Kentucky	4	2	2	0	2
Mississippi	9	7	3	0	4
Tennessee	3	2	2	0	1
West South Central	3	4	1	0	2
Arkansas	8	6	2	0	3
Louisiana	6	4	1	0	2
Oklahoma	7	4	2	0	3
Texas	4	5	1	0	2
Mountain	1	1	1	0	0
Arizona	1	0	1	0	0
Colorado	3	1	1	0	1
Idaho	1	5	2	0	1
Montana	1	8	3	0	3
Nevada	1	0	0	0	0
New Mexico	4	1	1	0	1
Utah	3	1	1	0	1
Wyoming	1	6	2	0	2
Pacific Contiguous	0	1	1	0	1
California	1	0	0	0	0
Oregon	1	5	4	0	2
Washington	1	5	4	0	2
Pacific Noncontiguous	1	5	2	0	2
Alaska	1	11	6	0	5
Hawaii	0	0	0	0	0
U.S. Total	1	1	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 Sales of Electricity to Ultimate Customers by End-Use Sector, Census Division, and State, June 2024

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

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

by End-Use Sector, Census Division, and State, Year-to-Date through June 2024

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1	1	1	0	1
Connecticut	2	2	1	0	1
Maine	2	1	0	0	1
Massachusetts	1	1	1	0	1
New Hampshire	1	1	1	0	1
Rhode Island	1	0	0	0	0
Vermont	6	4	3	0	3
Middle Atlantic	1	1	2	0	0
New Jersey	1	3	1	0	1
New York	0	0	0	0	0
Pennsylvania	1	2	3	0	1
East North Central	1	1	0	0	0
Illinois	2	1	0	0	1
Indiana	3	2	1	0	1
Michigan	0	1	1	0	0
Ohio	1	1	1	0	1
Wisconsin	1	1	1	0	1
West North Central	2	1	1	0	1
Iowa	1	4	1	0	1
Kansas	10	3	4	0	4
Minnesota	1	2	2	0	1
Missouri	4	2	2	0	2
Nebraska	1	4	2	0	1
North Dakota	1	2	1	0	1
South Dakota	2	4	3	0	2
South Atlantic	2	1	1	0	1
Delaware	3	15	3	0	6
District of Columbia	5	1	0	0	1
Florida	3	1	3	0	2
Georgia	7	2	2	0	3
Maryland	1	1	1	0	1
North Carolina	5	2	2	0	3
South Carolina	7	2	2	0	4
Virginia	4	1	2	0	2
West Virginia	1	1	0	0	0
East South Central	3	1	1	0	2
Alabama	7	2	1	0	3
Kentucky	4	3	1	0	2
Mississippi	11	4	3	0	5
Tennessee	3	2	2	0	2
West South Central	3	3	1	0	2
Arkansas	9	3	2	0	4
Louisiana	8	2	1	0	3
Oklahoma	9	3	3	0	4
Texas	4	4	1	0	2
Mountain	1	0	1	0	0
Arizona	1	0	1	0	1
Colorado	3	1	2	0	1
Idaho	1	2	1	0	1
Montana	1	3	2	0	1
Nevada	1	0	0	0	0
New Mexico	5	1	2	0	2
Utah	4	1	1	0	2
Wyoming	2	3	1	0	1
Pacific Contiguous	0	0	0	0	0
California	0	0	0	0	0
Oregon	1	2	2	0	1
Washington	1	2	2	0	1
Pacific Noncontiguous	0	1	0	0	1
Alaska	1	4	2	0	2
Hawaii	0	0	0	0	0
U.S. Total	1	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.8.A. Relative Standard Error for Average Price of Electricity to Ultimate Customers
by End-Use Sector, Census Division, and State, June 2024**

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

by End-Use Sector, Census Division, and State, Year-to-Date through June 2024

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

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



Appendix B

Suspended

Table C.1 Average Heat Content of Fossil-Fuel Receipts, June 2024

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	20.48	5.83	--	1.03
Connecticut	--	--	--	1.03
Maine	20.48	5.83	--	1.04
Massachusetts	--	--	--	1.03
New Hampshire	--	--	--	1.03
Rhode Island	--	--	--	1.03
Vermont	--	--	--	--
Middle Atlantic	15.69	5.96	--	1.03
New Jersey	--	--	--	1.04
New York	--	6.28	--	1.03
Pennsylvania	15.69	5.89	--	1.04
East North Central	20.40	5.85	27.93	1.05
Illinois	17.81	5.98	--	1.05
Indiana	22.38	5.78	--	1.06
Michigan	18.88	5.96	27.93	1.05
Ohio	25.00	5.82	--	1.06
Wisconsin	18.31	5.84	--	1.03
West North Central	16.32	5.79	--	1.06
Iowa	17.52	5.71	--	1.09
Kansas	17.82	5.77	--	1.01
Minnesota	17.90	5.90	--	1.09
Missouri	17.74	5.77	--	1.02
Nebraska	17.21	--	--	1.06
North Dakota	13.01	5.86	--	1.00
South Dakota	16.57	--	--	1.10
South Atlantic	23.94	5.95	29.01	1.03
Delaware	--	5.77	--	1.03
District of Columbia	--	--	--	--
Florida	23.20	5.80	29.01	1.03
Georgia	19.78	5.95	--	1.03
Maryland	26.26	6.01	--	1.03
North Carolina	25.00	5.80	--	1.03
South Carolina	24.61	5.95	--	1.03
Virginia	18.80	5.93	--	1.04
West Virginia	25.44	5.84	--	1.06
East South Central	20.61	5.80	--	1.02
Alabama	18.33	--	--	1.03
Kentucky	21.97	5.81	--	1.03
Mississippi	13.22	5.82	--	1.02
Tennessee	22.92	5.76	--	1.01
West South Central	16.45	5.90	28.33	1.02
Arkansas	17.73	5.90	--	1.03
Louisiana	18.00	--	28.33	1.03
Oklahoma	17.36	5.97	--	1.03
Texas	16.07	5.85	--	1.02
Mountain	18.54	5.81	--	1.04
Arizona	18.20	5.80	--	1.02
Colorado	18.16	--	--	1.08
Idaho	--	--	--	1.00
Montana	17.41	5.92	--	1.05
Nevada	19.73	5.83	--	1.04
New Mexico	18.26	--	--	1.03
Utah	21.31	5.77	--	1.04
Wyoming	17.37	5.78	--	1.03
Pacific Contiguous	18.11	6.00	--	1.04
California	20.38	--	--	1.03
Oregon	--	--	--	1.05
Washington	17.40	6.00	--	1.10
Pacific Noncontiguous	14.73	6.21	--	1.00
Alaska	14.73	5.60	--	1.00
Hawaii	--	6.21	--	--
U.S. Total	19.09	6.10	28.47	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, 2020 through 2022

Item	Mean Absolute Value of Percent Change Total (All Sectors)		
	2020	2021	2022
Net Generation			
Coal	0.12%	0.17%	0.32%
Petroleum Liquids	2.67%	5.42%	4.20%
Petroleum Coke	3.61%	2.93%	5.15%
Natural Gas	1.23%	0.28%	0.42%
Other Gases	6.01%	2.35%	3.63%
Hydroelectric	3.35%	3.89%	3.74%
Nuclear	0.01%	0.22%	0.00%
Other	1.12%	0.89%	0.83%
Total	0.46%	0.33%	0.37%
Consumption of Fossil Fuels for Electricity Generation			
Coal	0.23%	0.17%	0.62%
Petroleum Liquids	2.39%	8.15%	4.38%
Petroleum Coke	8.51%	5.23%	6.99%
Natural Gas	1.19%	0.71%	0.47%
Fuel Stocks for Electric Power Sector			
Coal	0.56%	2.40%	0.58%
Petroleum Liquids	1.88%	5.16%	1.23%
Petroleum Coke	2.13%	0.48%	1.32%
Sales of Electricity to Ultimate Customers			
Residential	0.19%	0.40%	0.83%
Commercial	0.92%	0.29%	1.30%
Industrial	4.30%	1.39%	1.28%
Transportation	1.17%	0.92%	0.14%
Total	1.49%	0.31%	0.47%
Revenue			
Residential	0.13%	0.88%	1.37%
Commercial	0.38%	0.23%	0.29%
Industrial	4.43%	0.36%	0.54%
Transportation	0.90%	1.00%	0.91%
Total	0.77%	0.46%	0.64%
Average Price of Electricity to Ultimate Customers			
Residential	0.30%	0.47%	0.55%
Commercial	0.55%	0.50%	1.10%
Industrial	0.19%	1.17%	1.65%
Transportation	0.47%	0.61%	0.85%
Total	0.70%	0.77%	1.11%
Receipt of Fossil Fuels			
Coal	1.01%	1.20%	1.24%
Petroleum Liquids	5.52%	15.02%	11.38%
Petroleum Coke	0.00%	0.00%	0.00%
Natural Gas	8.15%	8.13%	7.88%
Cost of Fossil Fuels			
Coal	0.26%	0.21%	0.29%
Petroleum Liquids	1.32%	1.81%	0.50%
Petroleum Coke	0.00%	0.00%	0.00%
Natural Gas	0.38%	3.38%	0.35%

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, pitch, purchased steam, sulfur, and miscellaneous technologies.

Fuel Stocks are end-of-month values.

See technical notes (<http://www.eia.gov/cneaf/electricity/epm/appenc.pdf>) for additional information on the Commercial, Industrial and Transportation sectors.

Cost of Fossil Fuels represent weighted values.

Notes: Mean absolute value of percent change is the unweighted average of the absolute percent changes.

Sources: U.S. Energy Information Administration, Form EIA-923 'Power Plant Operations Report'; Form EIA-423, 'Monthly Cost and Quality of Fuels for Electric Plants Report';

Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report'; Form EIA-906, 'Power Plant Report'; Form EIA-920 'Combined Heat and Power Plant Report'; and Federal Energy Regulatory Commission, FERC Form 423, 'Monthly Report of Cost and Quality of Fuels for Electric Plants.'

Table C.3. Comparison of Preliminary Annual Data Versus Final Annual Data at the U.S. Level, 2020 through 2022

Item	2020			2021			2022		
	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	773,805	773,393	-0.05%	898,679	897,999	-0.08%	828,993	831,512	0.30%
Petroleum Liquids	9,877	9,662	-2.18%	11,315	11,663	3.07%	16,274	15,805	-2.88%
Petroleum Coke	7,618	7,679	0.80%	7,467	7,511	0.58%	7,109	7,126	0.24%
Natural Gas	1,616,748	1,626,790	0.62%	1,575,230	1,579,190	0.25%	1,689,465	1,687,067	-0.14%
Other Gases	11,182	11,818	5.69%	11,283	11,397	1.01%	11,884	11,722	-1.36%
Hydroelectric	285,790	279,953	-2.04%	255,113	246,473	-3.39%	255,966	248,761	-2.81%
Nuclear	789,919	789,879	-0.01%	778,152	779,645	0.19%	771,537	771,537	0.00%
Other	514,146	510,593	-0.69%	578,302	575,822	-0.43%	661,908	657,142	-0.72%
Total	4,009,085	4,009,767	0.02%	4,115,540	4,109,699	-0.14%	4,243,136	4,230,672	-0.29%
Consumption of Fossil Fuels for Electricity Generation									
Coal (1,000 tons)	436,076	435,351	-0.17%	500,592	500,367	-0.04%	468,779	471,576	0.60%
Petroleum Liquids (1,000 barrels)	18,191	18,008	-1.00%	20,676	21,633	4.63%	29,207	28,760	-1.53%
Petroleum Coke (1,000 tons)	2,866	3,077	7.35%	2,940	3,070	4.41%	2,887	2,985	3.40%
Natural Gas (1,000 Mcf)	11,887,895	11,928,104	0.34%	11,550,818	11,502,569	-0.42%	12,384,883	12,384,098	-0.01%
Fuel Stocks for Electric Power Sector									
Coal (1,000 tons)	132,723	131,431	-0.97%	94,654	91,884	-2.93%	89,963	88,861	-1.23%
Petroleum Liquids (1,000 barrels)	25,547	26,063	2.02%	23,446	26,002	10.90%	21,650	22,812	5.36%
Petroleum Coke (1,000 tons)	298	298	-0.10%	302	302	0.00%	304	318	4.84%
Retail Sales (Million kWh)									
Residential	1,461,958	1,464,605	0.18%	1,476,569	1,470,487	-0.41%	1,521,886	1,509,233	-0.83%
Commercial	1,275,718	1,287,440	0.92%	1,324,782	1,328,439	0.28%	1,373,031	1,390,873	1.30%
Industrial	919,533	959,082	4.30%	986,797	1,000,613	1.40%	1,007,533	1,020,464	1.28%
Transportation	6,532	6,548	0.24%	6,392	6,334	-0.90%	6,602	6,599	-0.05%
Total	3,663,741	3,717,674	1.47%	3,794,539	3,805,874	0.30%	3,909,053	3,927,169	0.46%
Revenue (Million Dollars)									
Residential	192,934	192,663	-0.14%	202,632	200,834	-0.89%	230,174	226,990	-1.38%
Commercial	135,860	136,372	0.38%	149,328	149,008	-0.21%	172,257	172,600	0.20%
Industrial	61,246	63,956	4.42%	71,682	71,835	0.21%	85,171	84,895	-0.32%
Transportation	646	648	0.30%	653	646	-0.98%	770	765	-0.61%
Total	390,686	393,639	0.76%	424,295	422,323	-0.46%	488,371	485,249	-0.64%
Average Retail Price (Cents/kWh)									
Residential	13.20	13.15	-0.32%	13.72	13.66	-0.48%	15.12	15.04	-0.56%
Commercial	10.65	10.59	-0.54%	11.27	11.22	-0.49%	12.55	12.41	-1.09%
Industrial	6.66	6.67	0.12%	7.26	7.18	-1.17%	8.45	8.32	-1.59%
Transportation	9.90	9.90	0.06%	10.21	10.20	-0.09%	11.66	11.59	-0.56%
Total	10.66	10.59	-0.71%	11.18	11.10	-0.76%	12.49	12.36	-1.10%
Receipt of Fossil Fuels									
Coal (1,000 tons)	435,213	439,636	1.02%	456,033	461,477	1.19%	463,950	469,718	1.24%
Petroleum Liquids (1,000 barrels)	12,178	12,864	5.63%	14,198	16,302	14.82%	17,206	19,362	12.53%
Petroleum Coke (1,000 tons)	2,396	2,396	0.00%	2,296	2,296	0.00%	2,286	2,286	0.00%
Natural Gas (1,000 Mcf)	11,067,675	11,981,552	8.26%	10,688,997	11,578,254	8.32%	11,497,833	12,436,074	8.16%
Cost of Fossil Fuels (Dollars per Million Btu)									
Coal (1,000 tons)	1.92	1.92	-0.24%	1.98	1.98	-0.26%	2.37	2.36	-0.32%
Petroleum Liquids (1,000 barrels)	9.63	9.76	1.29%	14.50	14.71	1.42%	23.67	23.60	-0.32%
Petroleum Coke (1,000 tons)	1.70	1.70	0.00%	3.16	3.16	0.00%	4.35	4.35	0.00%
Natural Gas (1,000 Mcf)	2.39	2.40	0.21%	4.97	5.19	4.49%	7.23	7.22	-0.05%

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, pitch, purchased steam, sulfur, and miscellaneous technologies.

Fuel Stocks are end-of-year values.

See technical notes (<http://www.eia.gov/cneaf/electricity/epm/appenc.pdf>) for additional information on the Commercial, Industrial and Transportation sectors.

Cost of Fossil Fuels represent weighted values.

Notes: The average revenue per kilowatt-hour is calculated by dividing revenue by sales. Totals may not equal sum of components because of independent rounding.

Percent changes refer to the difference between the preliminary data published in the Electric Power Monthly (EPM) and the final data published in the EPM. Values for 2022 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

Table D.1. U.S. Estimated Consumption of Electricity by Light-Duty Electric Vehicles Types, 2018 - June 2024 (Megawatthours)

Period	Plug-in Hybrid Electric Vehicle (PHEV)	Battery Electric Vehicle (BEV)	Total
Annual Totals			
2018	756,806	824,899	1,581,706
2019	884,161	1,175,714	2,059,875
2020	1,073,251	1,827,049	2,900,300
2021	1,242,674	2,276,123	3,518,797
2022	1,657,375	3,594,407	5,251,782
2023	2,151,105	5,444,408	7,595,513
Year 2022			
January	128,043	248,829	376,872
February	123,155	243,185	366,340
March	135,213	273,811	409,024
April	124,489	256,923	381,412
May	132,358	279,488	411,846
June	132,775	284,487	417,261
July	139,085	305,261	444,346
August	140,042	312,622	452,664
September	138,348	314,167	452,515
October	146,552	336,361	482,914
November	150,100	347,848	497,948
December	167,214	391,425	558,639
Year 2023			
January	157,950	369,161	527,111
February	152,391	359,976	512,368
March	172,664	419,305	591,969
April	158,189	388,018	546,207
May	171,848	430,398	602,246
June	174,860	445,804	620,664
July	184,333	477,799	662,132
August	188,174	489,342	677,516
September	182,894	478,333	661,227
October	195,264	508,795	704,059
November	196,712	516,825	713,537
December	215,826	560,652	776,478
Year 2024			
January	232,464	598,683	831,147
February	210,176	546,217	756,393
March	235,836	617,236	853,072
April	221,869	586,459	808,329
May	239,403	636,802	876,205
June	241,851	646,457	888,307
Year to Date			
2022	776,034	1,586,723	2,362,756
2023	987,902	2,412,662	3,400,564
2024	1,381,600	3,631,853	5,013,453

Notes:

Light-duty vehicles are vehicles weighing less than 8,500 lbs including passenger cars and light trucks.

Plug-in hybrid electric vehicle (PHEV) is a vehicle that can both (1) plug into an electric power source and store power in a battery pack and (2) use petroleum-based or other liquid- or gas-based fuel to power an Internal combustion engine (ICE).

Battery electric vehicle (BEV) is an all-electric vehicle that receives power by plugging into an electric power source and storing the power in a battery pack. BEVs do not use any petroleum-based or other liquid- or gas-based fuel during operation.

Note: Values for 2022 and prior are final. Values for 2023 and 2024 are preliminary. Electric Vehicle electricity end-use consumption is included across multiple end-use sectors in electricity sales to ultimate customers. PHEV consumption only includes electricity consumption,

it does not include any gasoline consumption.

Totals may not equal sum of components due to independent rounding.

Estimates are model based. These estimates are not discretely allocated to any of the end-use sector balances. See full data disclaimer and technical notes.

Data source: The estimates published in these tables are based on a model that uses administrative and third-party data from the U.S. Environmental Protection Agency,

National Oceanic and Atmospheric Administration, U.S. Department of Transportation, S&P Global Mobility, Wards Intelligence, Alliance for Automotive Innovation, Hedges & Co, and Geotab.

Table D.2. Estimated State and Regional Consumption of Electricity by Light-Duty Electric Vehicles, Year-to-Date through June 2024 and 2023 (Megawatthours)

Census Division and State	Monthly		Year to Date	
	June 2024	June 2023	June 2024	June 2023
New England	39,692	28,027	242,317	161,969
Connecticut	8,730	6,098	53,911	35,110
Maine	2,653	1,957	15,890	11,042
Massachusetts	21,171	15,069	127,500	86,207
New Hampshire	2,870	2,111	17,256	12,217
Rhode Island	1,869	1,361	11,385	7,787
Vermont	2,400	1,431	16,375	9,607
Middle Atlantic	94,162	61,260	553,546	342,426
New Jersey	32,064	20,873	179,972	113,348
New York	42,458	26,842	261,627	154,014
Pennsylvania	19,640	13,546	111,946	75,064
East North Central	68,001	48,847	427,331	288,545
Illinois	23,757	17,274	158,804	103,150
Indiana	6,980	4,815	49,520	28,324
Michigan	15,801	12,041	90,547	70,180
Ohio	14,892	9,889	88,960	58,888
Wisconsin	6,572	4,828	39,500	28,003
West North Central	27,635	20,358	163,923	113,625
Iowa	2,870	2,080	17,281	12,604
Kansas	3,154	2,218	18,366	12,831
Minnesota	10,853	7,675	64,899	44,288
Missouri	7,698	6,284	44,246	30,905
Nebraska	2,144	1,463	13,536	8,813
North Dakota	324	243	2,086	1,628
South Dakota	592	396	3,510	2,556
South Atlantic	143,255	93,960	831,173	520,108
Delaware	2,197	1,448	12,299	8,499
District of Columbia	1,994	1,451	13,781	9,606
Florida	59,097	37,630	339,216	202,872
Georgia	19,187	12,028	112,774	71,868
Maryland	18,313	11,743	109,181	67,113
North Carolina	17,820	11,986	100,979	63,126
South Carolina	4,736	3,313	27,345	19,496
Virginia	19,096	13,771	111,191	74,178
West Virginia	816	590	4,405	3,351
East South Central	16,335	11,170	93,058	62,464
Alabama	3,765	2,480	19,568	13,201
Kentucky	3,012	2,181	17,737	12,752
Mississippi	1,241	748	6,981	4,026
Tennessee	8,318	5,762	48,772	32,484
West South Central	67,610	39,915	383,113	222,439
Arkansas	1,567	1,033	8,843	5,819
Louisiana	2,219	1,575	13,124	8,222
Oklahoma	17,016	4,836	104,169	28,484
Texas	46,808	32,472	256,978	179,914
Mountain	77,138	53,160	440,166	299,318
Arizona	25,667	17,546	133,602	90,458
Colorado	24,314	16,193	152,131	97,053
Idaho	2,568	1,814	14,882	10,588
Montana	1,660	1,108	10,353	6,851
Nevada	11,121	8,025	57,069	40,797
New Mexico	2,597	1,934	15,123	11,563
Utah	8,828	6,234	55,021	40,298
Wyoming	383	307	1,985	1,710
Pacific Contiguous	349,041	259,596	1,847,154	1,364,105
California	298,835	221,622	1,574,327	1,159,732
Oregon	15,972	11,963	88,732	67,658
Washington	34,235	26,012	184,094	136,716
Pacific Noncontiguous	5,437	4,372	31,675	25,567
Alaska	729	564	4,293	3,337
Hawaii	4,708	3,808	27,382	22,230
U.S. Total	888,307	620,664	5,013,453	3,400,564

Notes:

Light-duty vehicles are vehicles weighing less than 8,500 lbs including passenger cars and light trucks.

Plug-in hybrid electric vehicle (PHEV) is a vehicle that can both (1) plug into an electric power source and store power in a battery pack and (2) use petroleum-based or other liquid- or gas-based fuel to power an Internal combustion engine (ICE).

Battery electric vehicle (BEV) is an all-electric vehicle that receives power by plugging into an electric power source and storing the power in a battery pack. BEVs do not use any petroleum-based or other liquid- or gas-based fuel during operation.

Note: Values for 2022 and prior are final. Values for 2023 and 2024 are preliminary. Electric Vehicle electricity end-use consumption is included across multiple end-use sectors in electricity sales to ultimate customers. PHEV consumption only includes electricity consumption, it does not include any gasoline consumption.

Totals may not equal sum of components due to independent rounding.

Estimates are model based. These estimates are not discretely allocated to any of the end-use sector balances.

See full data disclaimer and technical notes.

Data source: The estimates published in these tables are based on a model that uses administrative and third-party data from the U.S. Environmental Protection Agency, National Oceanic and Atmospheric Administration, U.S. Department of Transportation, 'S&P' Global Mobility, Wards Intelligence, Alliance for Automotive Innovation, Hedges & Co, and Geotab.

Table D.3. Estimated State and Regional Consumption of Electricity from Light-Duty Vehicles, Annual (Megawatthours)

Census Division and State	2018	2019	2020	2021	2022	2023
New England	62,275	87,619	124,522	156,907	247,568	356,732
Connecticut	15,563	20,941	28,468	35,242	55,516	78,735
Maine	3,786	5,206	7,661	10,355	17,022	24,418
Massachusetts	31,226	45,385	66,194	83,038	129,174	188,058
New Hampshire	4,445	6,329	8,975	11,380	18,537	26,624
Rhode Island	2,607	3,617	5,027	6,828	11,415	17,479
Vermont	4,648	6,141	8,198	10,063	15,903	21,418
Middle Atlantic	119,930	172,717	240,008	305,618	511,312	766,430
New Jersey	33,718	49,392	73,052	95,579	167,728	260,453
New York	58,910	85,905	114,569	142,969	230,830	337,367
Pennsylvania	27,302	37,421	52,387	67,071	112,754	168,609
East North Central	130,271	162,974	221,420	272,690	443,486	623,240
Illinois	42,290	55,586	78,963	95,944	155,476	223,923
Indiana	12,856	16,430	22,944	28,899	46,143	63,787
Michigan	33,812	37,680	47,696	59,039	103,090	149,546
Ohio	25,426	33,822	47,269	59,898	93,594	125,018
Wisconsin	15,888	19,456	24,547	28,909	45,183	60,966
West North Central	45,346	62,614	86,650	109,121	178,067	251,580
Iowa	5,495	7,210	10,043	12,599	20,359	27,145
Kansas	5,685	7,468	10,578	13,163	20,551	28,083
Minnesota	16,902	24,600	33,074	42,451	68,282	94,821
Missouri	12,425	16,757	23,768	29,129	48,607	72,863
Nebraska	3,306	4,463	6,353	8,170	13,922	19,616
North Dakota	576	815	1,060	1,333	2,410	3,465
South Dakota	957	1,302	1,774	2,277	3,936	5,588
South Atlantic	182,531	241,810	363,587	483,500	781,219	1,174,938
Delaware	2,825	3,881	5,765	7,815	12,472	17,711
District of Columbia	3,015	4,355	6,863	9,203	14,359	19,461
Florida	61,910	83,061	132,187	180,482	300,409	458,767
Georgia	37,063	43,959	57,870	70,714	109,140	162,878
Maryland	25,261	34,437	52,157	69,024	105,830	153,162
North Carolina	21,435	28,804	44,077	58,614	96,155	144,639
South Carolina	6,319	7,954	11,979	16,722	28,214	43,502
Virginia	23,453	33,766	50,335	67,835	109,677	167,437
West Virginia	1,250	1,593	2,354	3,091	4,962	7,381
East South Central	22,830	29,805	44,832	57,719	96,019	137,687
Alabama	4,801	6,321	9,167	11,645	19,921	29,269
Kentucky	4,997	6,292	9,538	11,972	19,950	28,204
Mississippi	1,273	1,675	2,432	3,540	6,124	9,130
Tennessee	11,760	15,517	23,695	30,562	50,024	71,084
West South Central	74,670	94,763	140,531	189,618	331,944	521,609
Arkansas	2,006	2,810	3,476	5,313	9,387	12,882
Louisiana	2,769	3,839	5,109	7,131	12,344	18,642
Oklahoma	6,381	9,186	10,884	20,903	41,919	73,058
Texas	63,514	78,929	121,063	156,271	268,294	417,027
Mountain	106,703	150,481	223,479	282,179	446,133	668,065
Arizona	34,678	48,110	73,474	92,775	136,374	201,106
Colorado	33,339	50,374	72,552	89,198	140,759	214,932
Idaho	3,769	4,734	7,098	9,212	16,087	22,991
Montana	1,895	2,570	3,543	5,098	9,656	14,764
Nevada	13,136	17,726	27,848	37,331	62,519	96,444
New Mexico	4,066	5,396	7,858	10,263	16,709	25,100
Utah	15,215	20,757	29,963	36,719	61,396	89,080
Wyoming	606	814	1,143	1,583	2,634	3,647
Pacific Contiguous	821,296	1,037,850	1,427,814	1,629,783	2,173,282	3,038,984
California	713,974	901,134	1,232,482	1,403,840	1,846,171	2,577,982
Oregon	34,450	43,421	62,702	76,083	110,881	152,279
Washington	72,872	93,295	132,630	149,860	216,230	308,724
Pacific Noncontiguous	15,854	19,241	27,457	31,662	42,751	56,248
Alaska	1,635	1,815	2,882	3,473	5,035	6,921
Hawaii	14,219	17,426	24,575	28,189	37,717	49,328
U.S. Total	1,581,706	2,059,875	2,900,300	3,518,797	5,251,782	7,595,513

Notes:

Light-duty vehicles are vehicles weighing less than 8,500 lbs including passenger cars and light trucks.

Electric vehicle (EV) is a general term for any on-road licensed vehicle that can plug into an electric power source and uses electric power to move. EVs plug into a source of electricity and store power in a battery pack for all or part of their power needs. Includes Battery electric vehicles (BEVs) and Plug-in Hybrid Vehicles (PHEVs).

Note: Values for 2022 and prior are final. Values for 2023 are preliminary. Electric Vehicle electricity end-use consumption is included across multiple end-use sectors in electricity sales to ultimate customers. PHEV consumption only includes electricity consumption, it does not include any gasoline consumption.

Totals may not equal sum of components due to independent rounding.

Estimates are model based. These estimates are not discretely allocated to any of the end-use sector balances. See full data disclaimer and technical notes.

Data source: The estimates published in these tables are based on a model that uses administrative and third-party data from the U.S. Environmental Protection Agency, National Oceanic and Atmospheric Administration, U.S. Department of Transportation, S and P Global Mobility, Wards Intelligence, Alliance for Automotive Innovation, Hedges & Co, and Geotab.



Appendix D. Electric Vehicle Consumption

Disclaimer

This appendix presents EIA's most recent experimental estimates for EV electricity consumption and provides an overview of the methodology used to construct them in the technical notes. These estimates are based on models and are subject to model error. We advise data users to exercise caution when incorporating these data in their analyses. EIA is releasing these estimates to solicit comments on the potential uses of the data, the methodology, and possible enhancements that would be most valuable. EIA plans to regularly reassess whether methodological improvements need to be made, based on this feedback and internal evaluations, before adopting the new estimates as official statistics assured to meet the same high data quality standards applied to EIA's traditional statistical products. Comments may be directed to InfoElectric@eia.gov.

Methodology

The model estimates monthly light-duty electric vehicle (EV)¹ consumption of electricity for each state based on the number of EVs, average number of miles driven on electricity, and EV fuel economy. Adjustments are made based on data availability from various input sources, to bring lagged data up to the current reporting period, and to adjust national and regional data down to state-level estimates.

The modeling methodology is hierarchical and is composed of a top-level model having components that are estimated using sub-models, which are described in the subsequent sections of this report. The top-level model is based on the average electricity consumed by nameplate (vehicle make and model) and model year in a state and month multiplied by the number of EVs for a particular nameplate and model year in that state and month. Lower-level sub-models estimate the number of EVs based on EV registrations and sales data and the average monthly EV consumption of electricity by EV nameplate and model year based on average estimated monthly vehicle miles traveled on electricity, a utility factor, EV fuel economy, and a weather correction factor.

The top-level model is defined as follows:

$$kWh_{s,m} = \sum_{np=1}^{NP} \sum_{my=1}^{MY} (EV\ stocks_{s,m,np,my} * EV\ kWh_{s,m,np,my})$$

where:

- $kWh_{s,m}$ is the total consumption in kilowatt-hours (kWh) by EVs in state s and month m
- $EV\ stocks_{s,m,np,my}$ is the number of on-road EVs in state s and month m for EV nameplate np and model year my
- $EV\ kWh_{s,m,np,my}$ is the average electricity consumed in kWh by EV nameplate np from model year my in state s and month m
- MY is the number of model years for each EV nameplate np
- NP is the number of nameplates for light-duty EVs listed on fueleconomy.gov

¹ Light-duty battery electric vehicles (BEV) and plug-in hybrid electric vehicles (PHEV) are vehicles weighing less than 8,500 lbs including passenger cars and light trucks.

Vehicle stocks

This sub-model estimates the number of EVs in the top-level model using monthly EV registration and sales data for each state. Registrations rather than cumulative sales are preferred because they account for scrappage and represent the stock of licensed vehicles. Because monthly registration data by state, nameplate, and model year are not available for recent months, estimated monthly sales values by state, nameplate, and model year are cumulatively added to the most recently available end-of-year registration data to create monthly registration estimates for each state, nameplate, and model year.

Specifically, this sub-model is defined as follows:

$$EV\ stocks_{s,m,np,my} = EV\ registrations_{s,m_0,np,my} + \sum_{m_t=m_0+1}^m (EV\ sales_{m_t,np,my} * sales\ state\ allocation_{s,m_t})$$

where:

$EV\ registrations_{s,m_0,np,my}$ is the number of registered EVs by state s , EV nameplate np , and model year my by the end of the month m_0 (December of the latest available historical year for state registration data)

$EV\ sales_{m_t,np,my}$ is the national-level EV sales in month m_t for EV nameplate np and model year my

$sales\ state\ allocation_{s,m_t}$ is the share of total new EV registrations in state s in the most recently available new EV registration data month m_t

Sales state allocation shares are calculated as follows:

$$sales\ state\ allocation_{s,m_t} = \frac{new\ EV\ registrations_{s,m_t}}{\sum_{s=1}^S new\ EV\ registrations_{s,m_t}}$$

where:

$new\ EV\ registrations_{s,m_t}$ is the number of new EVs registered by state s in the most recently available new EV registration data month m_t

S is all fifty U.S. states and the District of Columbia

In more recent months where sales data must be used, monthly EV scrappage and EVs moving between states are not considered in the model.

EV electricity consumed

This sub-model estimates the average electricity consumed by nameplate (vehicle make and model) and model year in a state and month, which is used in the top-level model. It uses the average EV miles travel multiplied by the vehicle's fuel economy and a weather correction. The weather correction is applied because both cold and hot temperatures significantly decrease battery efficiency, increasing electricity consumption per mile traveled.

Specifically, this sub-model is defined as follows:

$$eV\ kWh_{s,m,np,my} = \sum_{d=1}^{D_m} (\text{weather correction}_{s,d} * kWh_per_mile_{np,my} * avg.\ eVMT_{s,m,np,my} / D_m)$$

where:

$\text{weather correction}_{s,d}$ is the vehicle fuel economy correction for state s on day d based on the average daily high and low temperatures recorded at a state representative airport and the effect that average temperature has on the EV range due to decrease in battery efficiency calculated by [Geotab](#)

$kWh_per_mile_{np,my}$ is the combined city and highway vehicle fuel economy that is estimated by the U.S. Environmental Protection Agency (EPA) for EV nameplate np and model year my

$avg.\ eVMT_{s,m,np,my}$ is the average vehicle miles traveled on electricity in state s during month m for EV nameplate np and model year my , which is estimated using the sub-model described in the next section

D_m is the total days in month m

Electric vehicle miles traveled

This sub-model of the EV electricity consumed sub-model estimates the average EV miles traveled on electricity in each state for each month by EV nameplate and model year. Data for EV miles traveled are only available at the census division level and for certain powertrains. To account for these issues, the model uses census-division-level EV travel data assigned to component states for the five powertrain categories, EV100, EV200, EV300, PHEV20, and PHEV50, as used in the EIA National Energy Modeling System (NEMS) [Transportation Sector Demand Module](#)². Because data for EV miles traveled are only available on an annual basis, and with a lag, monthly EV miles traveled by state are based on the year-over-year change in total state-level vehicle miles traveled. The EPA combined city and highway utility factor is also applied to include only the portion of travel that uses electricity.

Specifically, this sub-model is defined as follows:

$$\begin{aligned} \text{avg. eVMT}_{s,m,np,my} \\ = \text{adjusted avg. VMT}_{s,m_r,np,my} * \text{current month adjustment}_{s,m} \\ * \text{utility factor}_{np,my} \end{aligned}$$

with m_r being the same calendar month as m but in the most recent EV odometer data year

where:

$\text{adjusted avg. VMT}_{s,m_r,np,ny}$ is the adjusted average EV miles traveled in state s in month m_r of the reference year for which the latest odometer data are available for EV nameplate np and model year my

$\text{current month adjustment}_{s,m}$ is a temporal adjustment for state s to the adjusted average VMT from month m_r of the most recent EV odometer data year to the current month m

$\text{utility factor}_{np,my}$ is the portion of EV miles traveled that uses electricity only for EV nameplate np and model year my ; the utility factor equals 1 for BEV and is less than 1 for PHEVs

² U.S. Energy Information Administration (July 2022), [Transportation Sector Demand Module of the National Energy Modeling System: Model Documentation](#), pg. 136-137.

Since EV odometer data are only produced annually at the census-division level and can lag by more than one year, the data needs to be adjusted to monthly values for individual states to create monthly estimates. The following adjustment converts the yearly data to an average monthly value in that same reference year and converts it from a census-division-level value to a state-level value. Since EV odometer data are only available by powertrain categories, the model uses these categories to represent their underlying EV nameplates and model years.

$$\text{adjusted avg. VMT}_{s,m_r,np,my} = \text{avg. VMT}_{cd,y_r,pt} * \left(\frac{\text{all VMT}_{s,m_r}}{\sum_{m_r \in y_r} \text{all VMT}_{s,m_r}} \right), \forall [s \in cd \ \& \ (np, my) \in pt]$$

where:

$\text{avg. VMT}_{cd,y_r,pt}, \forall [s \in cd \ \& \ (np, my) \in pt]$ is the average EV vehicle miles traveled in census division cd , representing all component states s , for the most recent EV odometer data year y_r by powertrain category pt , where this value is constant for all EV nameplates np and model years my in a powertrain category pt

$\text{all VMT}_{s,m_r}$ is the U.S. Department of Transportation Federal Highway Administration’s total vehicle miles traveled in state s during month m_r for the most recent EV odometer data year y_r

The following factor adjusts the average EV miles traveled for the year-over-year change in monthly values since the reference month m_r (the most recent available year y_r of average EV odometer data) up through month $(m - 12)$ (last available complete year of all VMT data for all months).

$$\text{current month adjustment}_{s,m} = \prod_{m_j=(m_r+n*12 \ (n=0,1,2,\dots,(\frac{m-m_r}{12}-1))}^{(m-12)} \left(1 + \frac{(\text{all VMT}_{s,m_{j+12}} - \text{all VMT}_{s,m_j})}{\text{all VMT}_{s,m_j}} \right)$$

where:

$\text{all VMT}_{s,m_r}$ is the U.S. Department of Transportation Federal Highway Administration’s total vehicle miles traveled in state s during month m_r for the most recent EV odometer data

Potential sources of model error

The following list consists of identified potential sources of error in the model-based estimates:

Vehicle stocks:

- For preliminary monthly estimates, monthly EV scrappage and EVs moving between states are not considered in the model.
- Since state EV registration data are lagged, cumulative EV sales are used to estimate monthly state EV registrations, which could cause an over- or under- estimation of the EV stocks within a state.

- Interstate movement of vehicle sales could cause an over- or under- estimation of the EV stocks within a state.
- EV scrappage is not considered, which could cause an over-estimation of electricity consumption if scrappage increases considerably.

Vehicle miles traveled:

- Average EV miles traveled at the state level are derived from census division level values.
- Average EV miles traveled by nameplate and model year are derived from powertrain categories.
- The utility factor does not account for the possibility that many short trips are taken which could result in only electricity being consumed in PHEVs.
- The utility factor does not account for the possibility a PHEV has not been plugged into an electric power source resulting in only gasoline being consumed.
- Variability in driving patterns within a powertrain category could cause an over- or under-estimation of electricity consumption.

Fuel economy:

- Fuel economy factors do not account for decreasing efficiency due to vehicle age and deferred maintenance.
- Fuel economy factors do not account for non-weather related degradation.

Schedule for preliminary and final published data

The estimates provide preliminary monthly estimates based on available data until various final annual data are received. Preliminary published monthly estimates for a given reference year will be finalized after the following:

- Final annual vehicle registration data, provided by a third-party source, being processed and available for the model to consume, which typically occurs with a 12 or 13-month lag from the end of the reference year.
- Final EV odometer readings, provided by a third-party source, being processed and available for the model to consume, which typically occurs with a 12 or 13-month lag from the end of the reference year.

This schedule is separate from the finalization of Electric Power Monthly numbers in the Electric Power Annual.

Data sources and references

The model relies on the following data sources and types of data to estimate electricity consumption for EVs:

- *EV registrations* are third-party data from [S&P Global Mobility Vehicles in Operation](#) dataset based on state vehicle registration administrative data from the end of a calendar year.
- *EV sales* are third-party data from [Wards Intelligence](#).

- *new EV registrations* are third party data based on state-level new electric vehicle registration administrative data compiled by the [Alliance for Automotive Innovation](#) using Information provided by S&P Global Mobility (2011-2018, November 2019-present) and Hedges & Co (January 2019-October 2019).
- *kWh_per_mile* are administrative data published by EPA on [fueleconomy.gov](#).
- *weather correction* uses research conducted by [Geotab](#) and daily high and low temperature readings at airports from the U.S. National Oceanic and Atmospheric Administration ([NOAA](#)).
- *avg. VMT* are third-party odometer reading data from [S&P Global Mobility](#).
- *all VMT* are based on vehicle miles traveled from the U.S. Department of Transportation [Federal Highway Administration's Traffic Volume Trends](#).
- *utility factor* are administrative data published by EPA on [fueleconomy.gov](#).

A full list of all light-duty electric vehicles can be found at [fueleconomy.gov](#).

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 Energy Production, Conversion & Delivery (EPCD), Energy Information Administration (EIA), U.S. Department of Energy. Quality statistics begin with the collection of the correct data. To assure this, EPCD 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, EPCD routinely reviews the frames for each data collection.

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

Reliability of data

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

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

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

Relative Standard Error: The relative standard error (RSE) statistic, usually given as a percentage, describes the magnitude of sampling error that might reasonably be incurred. The RSE is the square

root of the estimated variance, divided by the variable of interest. The variable of interest may be the ratio of two variables, or a single variable.

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

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

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

Relative Standard Error With Respect to a Superpopulation: The RSESP statistic is similar to the RSE (described above). Like the RSE, it is a statistic designed to estimate the variability of data and is usually given as a percentage. However, where the RSE is only designed to estimate the magnitude of sampling error, the RSESP more fully reflects the impact of variability from sampling and non-sampling errors. This is a more complete measure than RSE in that it can measure statistical variability in a complete census in addition to a sample ^{21,24}. In addition to being a measure of data variability, the RSESP can also be useful in comparing different models that are applied to the same set of data²². This capability is used to test different regression models for imputation and prediction. This testing may include considerations such as comparing different regressors, the comparative reliability of different monthly samples, or the use of different geographical strata or groupings for a given model. For testing purposes, EPCD 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

EPCD 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

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- 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:

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

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

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

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).

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 sales to ultimate consumers in deregulated States. Form EIA-861, with approximately 3,300 respondents, serves as a frame from which the Form 826 sample is drawn. Based on this sample, a model is used to estimate for the entire universe of U.S. electric utilities.

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

In 1993, EIA for the first time used a model sample for the Form EIA 826. A stratified random sample, employing auxiliary data, was used for each of the four previous years. The sample for the Form EIA 826 was designed to obtain estimates of electricity sales and average price of electricity to ultimate consumers 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 energy providers to ultimate consumers 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 November 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 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 sales of electricity to ultimate customers and revenue from 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 January 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 the price of electricity to ultimate consumers at the State level. The estimates are accumulated separately to produce the Census division and U.S. level estimates¹.

Some electric utilities provide service in more than one State. To facilitate the estimation, the State service area is actually used as the sampling unit. For each State served by each utility, there is a utility State part, or "State service area." This approach allows for an explicit calculation of estimates for sales, revenue, and average price of electricity to ultimate consumers 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 price of electricity to ultimate consumers represents the cost per unit of electricity sold and is calculated by dividing electric revenue from ultimate consumers by the corresponding sales of electricity. The average price of electricity to ultimate consumers is calculated for all consumers and for each end-use sector.

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

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

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

Form EIA-860

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

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

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

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

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

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

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

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

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

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

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

OTH

Other

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

Form EIA-860M

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

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

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

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

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

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

Form EIA-861

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

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

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

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

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

The electric revenue used to calculate the average price of electricity to ultimate consumers 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 price of electricity to ultimate consumers 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
<u>Prime Movers:</u>
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
<u>Environmental Equipment:</u>
Flue Gas Desulfurization - 0.97
Flue Gas Particulate 0.99
All Others - 0.97

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

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

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

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

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

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

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

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

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

Methodology to estimate biogenic and non-biogenic municipal solid waste²: Municipal solid waste (MSW) consumption for generation of electric power is split into its biogenic and non-biogenic components beginning with 2001 data by the following methodology (see Table 1):

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 U.S. Environmental Protection Agency (USEPA). For data years 2001 through 2009, the MSW composition was based on the USEPA annual publication, *Municipal Solid Waste in the United States: Facts and Figures*. The compositions developed for the 2009 data year were carried forward for the 2010 through 2018 data years. The most updated composition and categorization of MSW (for the 2019 data year) were also derived from a USEPA publication: *Advancing Sustainable Materials Management: Facts and Figures Report: 2015 Data Tables*. The updated composition values were applied in the October EPM 2019 on the preliminary 2019 values and will be applied going forward in future data years until EIA revises the MSW composition ratios again. The Btu contents of the components of MSW were obtained from various sources.

The numbers in Tables 1 and 2 illustrate two interrelated trends in the composition of the MSW stream. First, the heat content (per unit weight) of the waste stream has been steadily increasing

over time due to higher concentrations of non-biogenic materials. Second, the shares of energy contributed to the waste stream by biogenic and non-biogenic components have been changing over time with the percentage of biogenic materials falling and the share of non-biogenic materials rising.

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 was attributed 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	...	2018	2019
Biogenic	57	56	55	55	56	57	55	54	51	51	51	45
Non-biogenic	43	44	45	45	44	43	46	46	49	49	49	55

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

	2001	2002	2003	2004	2005	2006	2007	2008	2009	...	2018	2019
Biogenic	77	77	76	76	75	67	65	65	64	64	64	61
Non-biogenic	23	23	24	24	25	34	35	35	36	36	36	39

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 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:

$$Capacity\ Factor_{x,m} = \left(\frac{\sum Generation_{x,m}}{\sum Capacity_{x,m} \times Available\ Time_{x,m}} \right)$$

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

Multiple Survey Programs- Small Scale PV Solar Estimation of Generation

Monthly generation from small scale PV solar resources is an estimation of the generation produced from PV solar resources and not the results of a data collection effort for generation directly, with the exception of “Third Party Owned” or (TPO) solar installations which has direct data collection. TPO data however is not comprehensive. TPOs do not operate in every state, TPO collected data is not a large portion of the estimated amount, and the data has been collected for limited period of time. The generation estimate is based on data collected for PV solar capacity.

Capacity of PV solar resources is collected directly from respondents. These data are collected on several EIA forms and from several types of respondents. Monthly data for net-metered PV solar capacity is reported on the Form EIA-826. Form EIA-826 is a cutoff sample drawn from the annual survey Form EIA-861 which collects this data from all respondents. Using data from both of these surveys we have a regression model to impute for the non-sampled monthly capacity.

The survey instruments collect solar net metering capacity from reporting utilities by state and customer class. There are four customer classes: residential, commercial, industrial and transportation. However, the estimation process included only the residential, commercial and industrial customers.¹ Data for these customer classes were further classified by U.S. Census Regions, to ensure adequate number of customer observations in for each estimation group.

Estimation Model: The total PV capacity reported by utilities in the annual EIA-861 survey is the single primary input (regressor) to the monthly estimation of PV capacity by state. The model tested for each Census Region was of the form:

$$y_{i_{2015,m}} = \beta_1 x_{i_{2013}} + w_i^{-1/2} e_i, \text{ where}$$

$x_{i_{2013}}$ is the i^{th} utility’s 2013 (or the last published year) solar PV capacity

$y_{i_{2015,m}}$ is the i^{th} utility’s month m , 2015 (or the current year) reported solar PV capacity

w_i is the weight factor, which is the inverse of $x_{i_{2013}}$

β_1 is effectively the growth rate of reported month m solar PV capacity

e_i is the error term

The model checks for outliers and removes them from the regression equation inputs. The model calculates RSEs by sector, state, census region, and US total. Once we have imputed for all of the

monthly net-metered PV solar capacity we add to total net metered capacity, the PV solar capacity collected on the Form EIA-861 for distributed and dispersed resources that are not net metered.

We use a second model to estimate the generation using this capacity as an input. The original methodology was developed for the “Annual Energy Outlook” based on our “NEMS” modelled projections several years ago. The original method underwent a calibration project designed to develop PV production levels for the NEMS projections consistent with simulations of a National Renewable Energy Laboratory model called PVWatts, which is itself embedded in PC software under the umbrella of the NREL’s System Advisor Model (SAM).

The PVWatts simulations require, panel azimuth orientations and tilts, something that the NEMS projections do not include. Call the combinations of azimuths and tilts “orientations.” The orientation and solar insolation (specific to a location) have a direct effect on the PV production level. The calibration project selected the 100 largest population Metropolitan Statistical Areas (MSAs) and relied on weights derived from orientation data from California Solar Initiative dataset to develop typical outputs for each of the 100 MSAs. It then was expanded from an annual estimate to a monthly estimate. A listing of the MSAs are included in Appendix 1.

Using Form EIA-861 data for service territories, which lists the counties that each electric distribution company (EDC) provides service, and NREL solar insolation data by county a simple average of insolation values by EDC is calculated.

Using the estimation model, we produce by utility, by state and by sector an estimate of generation. All the utilities’ capacity and generation estimates are summed by state and sector and a KWh/KW rate by state and sector is calculated.

Capacity from the Form EIA-860 that is net metered is subtracted from the total capacity by state and sector as well as the capacity reported on the EIA-826 from TPOs, resulting in a new “net” capacity amount. This capacity amount is multiplied by the KWh/KW rate to produce the non-TPO generation estimate and then it is added to the TPO reported sales to ultimate customers from the EIA-826 to obtain a final estimate for generation and a blended KWh/KW rate is calculated. The estimate for generation is aggregated by US census regions and US totals. The RSEs for capacity are checked for level of error and if they pass, the summary data by state, U.S. census region and U.S. total are reported in the EPM.

Appendix 2 contains a flow diagram of the data inputs, data quality control checks and data analysis required to perform this estimation.

Appendix 1- MSAs

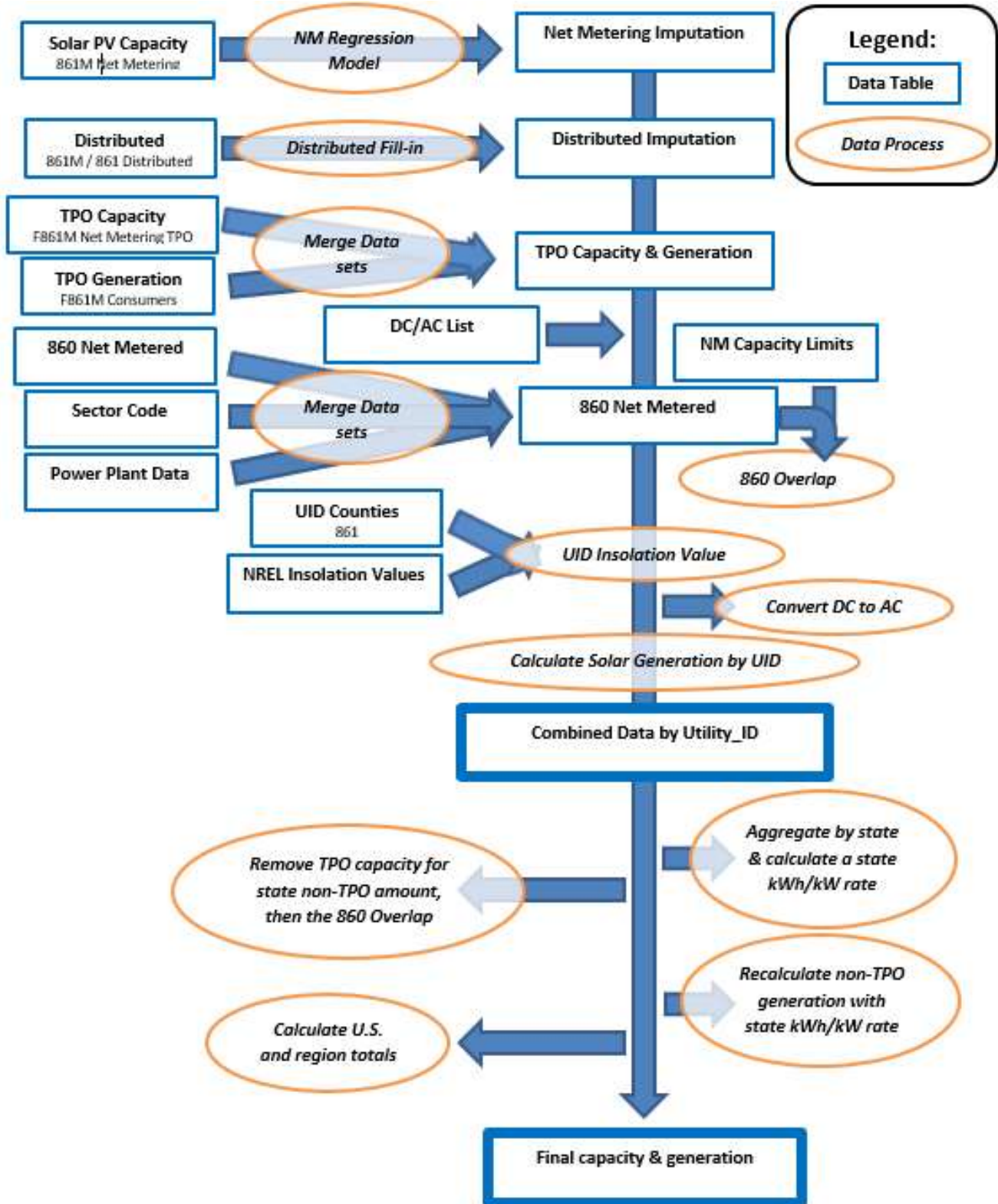
TMY3 (1991-2005) Weather Stations by MSA

Site	Weather Location	MSA
1	USA NY New York Central Park Obs.	New York-Newark-Jersey City, NY-NJ-PA MSA
2	USA CA Los Angeles Intl Airport	Los Angeles-Long Beach-Anaheim, CA MSA
3	USA IL Chicago Midway Airport	Chicago-Naperville-Elgin, IL-IN-WI MSA
4	USA TX Dallas-fort Worth Intl Airport	Dallas-Fort Worth-Arlington, TX MSA
5	USA TX Houston Bush Intercontinental	Houston-The Woodlands-Sugar Land, TX MSA
6	USA PA Philadelphia Int'l Airport	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD MSA
7	USA VA Washington Dc Reagan Airport	Washington-Arlington-Alexandria, DC-VA-MD-WV MSA
8	USA FL Miami Intl Airport	Miami-Fort Lauderdale-West Palm Beach, FL MSA
9	USA GA Atlanta Hartsfield Intl Airport	Atlanta-Sandy Springs-Roswell, GA MSA
10	USA MA Boston Logan Int'l Airport	Boston-Cambridge-Newton, MA-NH MSA
11	USA CA San Francisco Intl Airport	San Francisco-Oakland-Hayward, CA MSA
12	USA AZ Phoenix Sky Harbor Intl Airport	Phoenix-Mesa-Scottsdale, AZ MSA
13	USA CA Riverside Municipal Airport	Riverside-San Bernardino-Ontario, CA MSA
14	USA MI Detroit City Airport	Detroit-Warren-Dearborn, MI MSA
15	USA WA Seattle Seattle-Tacoma Intl Airport	Seattle-Tacoma-Bellevue, WA MSA
16	USA MN Minneapolis-St. Paul Int'l Arp	Minneapolis-St. Paul-Bloomington, MN-WI MSA
17	USA CA San Diego Lindbergh Field	San Diego-Carlsbad, CA MSA
18	USA FL Tampa Int'l Airport	Tampa-St. Petersburg-Clearwater, FL MSA
19	USA MO St Louis Lambert Int'l Airport	St. Louis, MO-IL MSA
20	USA MD Baltimore-Washington Int'l Airport	Baltimore-Columbia-Towson, MD MSA
21	USA CO Denver Centennial [Golden - NREL]	Denver-Aurora-Lakewood, CO MSA
22	USA PA Pittsburgh Allegheny Co Airport	Pittsburgh, PA MSA
23	USA NC Charlotte Douglas Intl Airport	Charlotte-Concord-Gastonia, NC-SC MSA
24	USA OR Portland Hillsboro	Portland-Vancouver-Hillsboro, OR-WA MSA
25	USA TX San Antonio Intl Airport	San Antonio-New Braunfels, TX MSA
26	USA FL Orlando Intl Airport	Orlando-Kissimmee-Sanford, FL MSA
27	USA CA Sacramento Executive Airport	Sacramento-Roseville-Arden-Arcade, CA MSA
28	USA OH Cincinnati Municipal Airport	Cincinnati, OH-KY-IN MSA
29	USA OH Cleveland Hopkins Intl Airport	Cleveland-Elyria, OH MSA
30	USA MO Kansas City Int'l Airport	Kansas City, MO-KS MSA
31	USA NV Las Vegas McCarran Intl Airport	Las Vegas-Henderson-Paradise, NV MSA
32	USA OH Columbus Port Columbus Intl A	Columbus, OH MSA
33	USA IN Indianapolis Intl Airport	Indianapolis-Carmel-Anderson, IN MSA
34	USA CA San Jose Intl Airport	San Jose-Sunnyvale-Santa Clara, CA MSA
35	USA TX Austin Mueller Municipal Airport	Austin-Round Rock, TX MSA
36	USA TN Nashville Int'l Airport	Nashville-Davidson-Murfreesboro-Franklin, TN MSA

37	USA VA Norfolk Int'l Airport	Virginia Beach-Norfolk-Newport News, VA-NC MSA
38	USA RI Providence T F Green State	Providence-Warwick, RI-MA MSA
39	USA WI Milwaukee Mitchell Intl Airport	Milwaukee-Waukesha-West Allis, WI MSA
40	USA FL Jacksonville Craig	Jacksonville, FL MSA
41	USA TN Memphis Int'l Airport	Memphis, TN-MS-AR MSA
42	USA OK Oklahoma City Will Rogers	Oklahoma City, OK MSA
43	USA KY Louisville Bowman Field	Louisville/Jefferson County, KY-IN MSA
44	USA VA Richmond Int'l Airport	Richmond, VA MSA
45	USA LA New Orleans Alvin Callender	New Orleans-Metairie, LA MSA
46	USA CT Hartford Bradley Intl Airport	Hartford-West Hartford-East Hartford, CT MSA
47	USA NC Raleigh Durham Int'l	Raleigh, NC MSA
48	USA UT Salt Lake City Int'l Airport	Salt Lake City, UT MSA
49	USA AL Birmingham Municipal Airport	Birmingham-Hoover, AL MSA
50	USA NY Buffalo Niagara Intl Airport	Buffalo-Cheektowaga-Niagara Falls, NY MSA
51	USA NY Rochester Greater Rochester	Rochester, NY MSA
52	USA MI Grand Rapids Kent County Int'l Airport	Grand Rapids-Wyoming, MI MSA
53	USA AZ Tucson Int'l Airport	Tucson, AZ MSA
54	USA HI Honolulu Intl Airport	Urban Honolulu, HI MSA
55	USA OK Tulsa Int'l Airport	Tulsa, OK MSA
56	USA CA Fresno Yosemite Intl Airport	Fresno, CA MSA
57	USA CT Bridgeport Sikorsky Memorial	Bridgeport-Stamford-Norwalk, CT MSA
58	USA MA Worcester Regional Airport	Worcester, MA-CT MSA
59	USA NM Albuquerque Intl Airport	Albuquerque, NM MSA
60	USA NE Omaha Eppley Airfield	Omaha-Council Bluffs, NE-IA MSA
61	USA NY Albany County Airport	Albany-Schenectady-Troy, NY MSA
62	USA CA Bakersfield Meadows Field	Bakersfield, CA MSA
63	USA CT New Haven Tweed Airport	New Haven-Milford, CT MSA
64	USA TN Knoxville McGhee Tyson Airport	Knoxville, TN MSA
65	USA SC Greenville Downtown Airport	Greenville-Anderson-Mauldin, SC MSA
66	USA CA Oxnard Airport	Oxnard-Thousand Oaks-Ventura, CA MSA
67	USA TX El Paso Int'l Airport	El Paso, TX MSA
68	USA PA Allentown Lehigh Valley Intl	Allentown-Bethlehem-Easton, PA-NJ MSA
69	USA LA Baton Rouge Ryan Airport	Baton Rouge, LA MSA
70	USA TX McCallen Miller Intl Airport	McAllen-Edinburg-Mission, TX MSA
71	USA OH Dayton Int'l Airport	Dayton, OH MSA
72	USA SC Columbia Metro Airport	Columbia, SC MSA
73	USA NC Greensboro Piedmont Triad Int'l Airport	Greensboro-High Point, NC MSA
74	USA FL Sarasota Bradenton	North Port-Sarasota-Bradenton, FL MSA
75	USA AR Little Rock Adams Field	Little Rock-North Little Rock-Conway, AR MSA
76	USA SC Charleston Intl Airport	Charleston-North Charleston, SC MSA
77	USA OH Akron Akron-canton Reg. Airport	Akron, OH MSA
78	USA CA Stockton Metropolitan Airport	Stockton-Lodi, CA MSA

79	USA CO Colorado Springs Muni Airport	Colorado Springs, CO MSA
80	USA NY Syracuse Hancock Int'l Airport	Syracuse, NY MSA
81	USA FL Fort Myers Page Field	Cape Coral-Fort Myers, FL MSA
82	USA NC Winston-Salem Reynolds Airport	Winston-Salem, NC MSA
83	USA ID Boise Air Terminal	Boise City, ID MSA
84	USA KS Wichita Mid-continent Airport	Wichita, KS MSA
85	USA WI Madison Dane Co Regional Airport	Madison, WI MSA
86	USA MA Worchester Regional Airport	Springfield, MA MSA
87	USA FL Lakeland Linder Regional Airport	Lakeland-Winter Haven, FL MSA
88	USA UT Ogden Hinkley Airport	Ogden-Clearfield, UT MSA
89	USA OH Toledo Express Airport	Toledo, OH MSA
90	USA FL Daytona Beach Intl Airport	Deltona-Daytona Beach-Ormond Beach, FL MSA
91	USA IA Des Moines Intl Airport	Des Moines-West Des Moines, IA MSA
92	USA GA Augusta Bush Field	Augusta-Richmond County, GA-SC MSA
93	USA MS Jackson Int'l Airport	Jackson, MS MSA
94	USA UT Provo Muni	Provo-Orem, UT MSA
95	USA PA Wilkes-Barre Scranton Intl Airport	Scranton-Wilkes-Barre-Hazleton, PA MSA
96	USA PA Harrisburg Capital City Airport	Harrisburg-Carlisle, PA MSA
97	USA OH Youngstown Regional Airport	Youngstown-Warren-Boardman, OH-PA MSA
98	USA FL Melbourne Regional Airport	Palm Bay-Melbourne-Titusville, FL MSA
99	USA TN Chattanooga Lovell Field Airport	Chattanooga, TN-GA MSA
100	USA WA Spokane Int'l Airport	Spokane-Spokane Valley, WA MSA

Appendix 2 – Flow diagram of data sources and analysis



¹The 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, October 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, “NO_x 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.