

ElectricPower Monthly

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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	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
Net Generation (Thousand Megawatthours)														
Coal	Utility Scale Facilities	44,990	51,209	-12.1%	34,395	37,358	10,221	13,493	16	18	358	340	0	0
Petroleum Liquids	Utility Scale Facilities	902	906	-0.4%	668	669	192	193	6	5	37	38	0	0
Petroleum Coke	Utility Scale Facilities	182	179	1.5%	85	100	NM	59	0	0	24	21	0	0
Natural Gas	Utility Scale Facilities	137,026	135,358	1.2%	68,749	63,733	59,942	62,734	619	604	7,717	8,287	0	0
Other Fossil Gas	Utility Scale Facilities	758	959	-20.9%	0	0	208	262	0	0	550	697	0	0
Nuclear	Utility Scale Facilities	61,904	62,258	-0.6%	35,228	34,719	26,676	27,538	0	0	0	0	0	0
Hydroelectric Conventional	Utility Scale Facilities	18,277	17,026	7.3%	16,565	15,453	1,624	1,507	24	22	64	45	0	0
Renewable Sources Excluding Hydroelectric	Utility Scale Facilities	59,766	52,218	14.5%	9,813	9,419	47,675	40,528	359	377	1,919	1,894	0	0
... Wind	Utility Scale Facilities	40,926	36,445	12.3%	7,680	7,721	33,223	28,701	12	11	11	12	0	0
... Solar Thermal and Photovoltaic	Utility Scale Facilities	13,829	10,446	32.4%	1,858	1,403	11,901	8,985	38	37	31	21	0	0
... Wood and Wood-Derived Fuels	Utility Scale Facilities	2,553	2,584	-1.2%	124	166	599	613	12	9	1,818	1,796	0	0
... Other Biomass	Utility Scale Facilities	1,203	1,303	-7.7%	67	70	780	847	296	320	59	65	0	0
... Geothermal	Utility Scale Facilities	1,256	1,440	-12.8%	83	58	1,173	1,382	0	0	0	0	0	0
Hydroelectric Pumped Storage	Utility Scale Facilities	-488	-347	40.7%	-350	-245	-138	-102	0	0	0	0	0	0
Other Energy Sources	Utility Scale Facilities	717	845	-15.2%	23	47	181	229	254	277	259	293	0	0
All Energy Sources	Utility Scale Facilities	324,033	320,610	1.1%	165,175	161,252	146,653	146,440	1,277	1,303	10,929	11,615	0	0
Estimated Small Scale Solar Photovoltaic	Small Scale Facilities	5,463	4,938	10.6%	0	0	0	0	1,405	1,225	303	286	3,756	3,428
Estimated Total Solar Photovoltaic	All Facilities	19,156	15,218	25.9%	1,858	1,403	11,764	8,818	1,443	1,262	334	307	3,756	3,428
Estimated Total Solar	All Facilities	19,292	15,384	25.4%	1,858	1,403	11,901	8,985	1,443	1,262	334	307	3,756	3,428
Consumption of Fossil Fuels for Electricity Generation														
Coal (1000 tons)	Utility Scale Facilities	26,453	29,549	-10.5%	19,719	21,115	6,609	8,310	5	6	119	117	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	1,633	1,671	-2.2%	1,291	1,313	294	304	11	15	37	38	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	80	80	-0.1%	44	49	27	24	0	0	9	8	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	1,013,866	986,104	2.8%	531,950	487,240	431,397	444,261	3,755	3,741	46,764	50,862	0	0
Consumption of Fossil Fuels for Useful Thermal Output														
Coal (1000 tons)	Utility Scale Facilities	788	760	3.7%	102	115	38	43	27	28	621	574	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	246	247	-0.4%	4	5	30	25	11	37	201	181	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	44	49	-10.0%	0	0	7	8	0	0	37	41	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	102,692	102,859	-0.2%	4,071	3,964	24,475	26,458	5,686	6,005	68,460	66,433	0	0
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output														
Coal (1000 tons)	Utility Scale Facilities	27,241	30,308	-10.1%	19,821	21,231	6,648	8,353	32	34	740	691	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	1,880	1,918	-2.0%	1,295	1,319	324	329	22	52	239	219	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	124	129	-3.8%	44	49	34	32	0	0	46	49	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	1,116,559	1,088,963	2.5%	536,021	491,203	455,872	470,719	9,441	9,745	115,224	117,295	0	0
Fuel Stocks (end-of-month)														
Coal (1000 tons)	Utility Scale Facilities	131,626	132,309	-0.5%	107,774	109,778	23,337	21,430	56	123	459	979	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	23,334	25,364	-8.0%	13,627	14,910	8,229	8,425	300	356	1,178	1,673	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	702	625	12.3%	400	356	4	13	1	1	297	255	0	0

Sales, Revenue, and Average Price of Electricity to Ultimate Customers for November									
	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)		
	November 2024	November 2023	Percentage Change	November 2024	November 2023	Percentage Change	November 2024	November 2023	Percentage Change
Residential	99,393	101,907	-2.5%	16,911	16,501	2.5%	17.01	16.19	5.1%
Commercial	109,262	109,756	-0.5%	13,353	13,646	-2.1%	12.22	12.43	-1.7%
Industrial	83,405	82,036	1.7%	6,578	6,394	2.9%	7.89	7.79	1.3%
Transportation	554	549	1.0%	69	69	0.0%	12.48	12.60	-1.0%
All Sectors	292,614	294,248	-0.6%	36,912	36,610	0.8%	12.61	12.44	1.4%

NM = Not meaningful due to large relative standard error.

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

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

Other Fossil Gas includes gaseous propane, blast furnace gas, other manufactured and waste gases derived from fossil fuels other than hydrogen.

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.

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

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 upon customer class and consumption occurring during and outside the calendar month.

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

Net Generation and Consumption of Fuels for January through November														
		Total (All Sectors)			Electric Power Sector				Commercial		Industrial		Residential	
					Electric Utilities		Independent Power Producers							
Fuel	Facility Type	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
Net Generation (Thousand Megawatthours)														
Coal	Utility Scale Facilities	589,804	618,750	-4.7%	459,777	475,446	125,895	139,151	180	197	3,951	3,956	0	0
Petroleum Liquids	Utility Scale Facilities	10,636	10,477	1.5%	7,716	7,555	2,414	2,400	69	70	438	453	0	0
Petroleum Coke	Utility Scale Facilities	3,079	4,518	-31.9%	1,799	2,979	1,076	1,285	3	1	200	252	0	0
Natural Gas	Utility Scale Facilities	1,719,722	1,656,265	3.8%	873,936	822,754	749,561	736,741	7,392	7,058	88,834	89,712	0	0
Other Fossil Gas	Utility Scale Facilities	8,812	10,716	-17.8%	0	0	2,550	3,023	0	0	6,262	7,692	0	0
Nuclear	Utility Scale Facilities	710,443	706,019	0.6%	404,012	402,894	306,431	303,124	0	0	0	0	0	0
Hydroelectric Conventional	Utility Scale Facilities	221,803	225,975	-1.8%	198,708	203,275	22,020	21,657	273	270	802	772	0	0
Renewable Sources Excluding Hydroelectric	Utility Scale Facilities	673,707	597,413	12.8%	110,166	97,652	538,114	475,154	4,182	4,162	21,245	20,445	0	0
... Wind	Utility Scale Facilities	412,122	383,103	7.6%	78,207	72,721	333,675	310,162	133	118	106	102	0	0
... Solar Thermal and Photovoltaic	Utility Scale Facilities	204,830	156,418	31.0%	28,336	21,076	175,346	134,444	661	590	487	309	0	0
... Wood and Wood-Derived Fuels	Utility Scale Facilities	28,873	28,840	0.1%	2,077	2,338	6,666	6,981	101	97	20,029	19,424	0	0
... Other Biomass	Utility Scale Facilities	13,644	14,158	-3.6%	769	785	8,966	9,404	3,286	3,358	623	610	0	0
... Geothermal	Utility Scale Facilities	14,239	14,895	-4.4%	777	732	13,462	14,163	0	0	0	0	0	0
Hydroelectric Pumped Storage	Utility Scale Facilities	-5,417	-5,476	-1.1%	-3,920	-4,166	-1,497	-1,310	0	0	0	0	0	0
Other Energy Sources	Utility Scale Facilities	7,943	9,100	-12.7%	234	528	2,074	2,596	2,868	2,897	2,768	3,080	0	0
All Energy Sources	Utility Scale Facilities	3,940,533	3,833,757	2.8%	2,052,427	2,008,918	1,748,640	1,683,822	14,966	14,655	124,500	126,362	0	0
Estimated Small Scale Solar Photovoltaic	Small Scale Facilities	79,520	68,912	15.4%	0	0	0	0	21,068	18,598	4,445	4,128	54,007	46,186
Estimated Total Solar Photovoltaic	All Facilities	281,349	222,590	26.4%	28,336	21,076	172,345	131,703	21,729	19,188	4,932	4,436	54,007	46,186
Estimated Total Solar	All Facilities	284,350	225,330	26.2%	28,336	21,076	175,346	134,444	21,729	19,188	4,932	4,436	54,007	46,186
Consumption of Fossil Fuels for Electricity Generation														
Coal (1000 tons)	Utility Scale Facilities	338,008	354,595	-4.7%	257,904	267,220	78,696	85,980	60	62	1,348	1,333	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	20,256	19,631	3.2%	15,489	15,001	4,147	3,976	169	179	452	475	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	1,339	1,881	-28.8%	888	1,247	373	537	1	0	78	97	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	12,715,841	12,185,480	4.4%	6,714,061	6,286,547	5,412,704	5,300,216	44,786	44,725	544,291	553,992	0	0
Consumption of Fossil Fuels for Useful Thermal Output														
Coal (1000 tons)	Utility Scale Facilities	8,556	8,561	-0.1%	1,341	1,450	388	480	302	298	6,526	6,334	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	2,878	2,788	3.2%	69	60	260	301	401	257	2,148	2,171	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	501	568	-11.9%	2	8	86	105	4	2	409	454	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	1,130,299	1,101,718	2.6%	49,024	42,298	290,876	279,502	63,125	63,603	727,274	716,315	0	0
Consumption of Fossil Fuels for Electricity Generation and Useful Thermal Output														
Coal (1000 tons)	Utility Scale Facilities	346,564	363,156	-4.6%	259,245	268,670	79,083	86,460	362	360	7,874	7,667	0	0
Petroleum Liquids (1000 barrels)	Utility Scale Facilities	23,135	22,419	3.2%	15,558	15,060	4,407	4,277	570	436	2,600	2,646	0	0
Petroleum Coke (1000 tons)	Utility Scale Facilities	1,840	2,449	-24.9%	890	1,255	459	642	5	2	487	550	0	0
Natural Gas (1000 Mcf)	Utility Scale Facilities	13,846,140	13,287,198	4.2%	6,763,084	6,328,846	5,703,580	5,579,718	107,911	108,328	1,271,565	1,270,307	0	0

Sales, Revenue, and Average Price of Electricity to Ultimate Customers for January through November									
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)		
Sector	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	Percentage Change
Residential	1,364,454	1,331,108	2.5%	225,425	213,334	5.7%	16.52	16.03	3.1%
Commercial	1,304,256	1,296,597	0.6%	168,909	163,689	3.2%	12.95	12.62	2.6%
Industrial	944,021	927,604	1.8%	77,169	74,948	3.0%	8.17	8.08	1.1%
Transportation	6,421	6,302	1.9%	813	807	0.7%	12.66	12.81	-1.2%
All Sectors	3,619,151	3,561,612	1.6%	472,315	452,779	4.3%	13.05	12.71	2.7%

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 Fossil Gas includes gaseous propane, blast furnace gas, other manufactured and waste gases derived from fossil fuels other than hydrogen.
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.
Other Energy Sources includes hydrogen, non-biogenic municipal solid waste, batteries, purchased steam, sulfur, tire-derived fuel, and other miscellaneous energy sources.
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 upon customer class and consumption occurring during and outside the calendar month.

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)										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
Coal (1000 tons)	30,036	35,870	45.89	46.97	172	190	332,267	395,977	47.16	47.31
Petroleum Liquids (1000 barrels)	1,070	1,449	103.34	127.84	95	177	12,290	16,554	111.86	123.85
Petroleum Coke (1000 tons)	46	111	72.99	100.64	1	4	894	1,287	83.83	116.09
Natural Gas (1000 Mcf)	937,724	995,713	2.72	3.50	581	795	11,564,711	12,181,714	2.75	3.48

Electric Utilities										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
Coal (1000 tons)	22,481	26,715	47.87	48.89	132	140	251,090	299,892	49.38	48.97
Petroleum Liquids (1000 barrels)	693	932	103.40	131.14	66	104	8,936	11,720	111.46	124.27
Petroleum Coke (1000 tons)	46	111	72.99	100.64	1	4	894	1,287	83.83	116.09
Natural Gas (1000 Mcf)	468,976	473,567	3.05	3.91	304	426	5,820,091	6,078,874	3.04	3.93

Independent Power Producers										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
Coal (1000 tons)	7,070	8,666	38.97	40.16	29	40	75,778	90,417	38.85	40.65
Petroleum Liquids (1000 barrels)	354	484	103.51	121.98	23	65	3,047	4,396	114.01	124.61
Petroleum Coke (1000 tons)	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas (1000 Mcf)	406,042	453,150	2.32	3.05	231	320	5,041,639	5,371,990	2.39	2.92

Commercial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 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)	740	664	3.44	3.31	3	3	6,849	7,222	3.39	3.13

Industrial Sector										
							Year-to-Date			
	Receipts		Cost				Receipts		Cost	
	(Physical Units)		(Dollars / Physical Unit)		Number of Plants		(Physical Units)		(Dollars / Physical Unit)	
Fuel	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
Coal (1000 tons)	485	489	54.98	62.05	11	10	5,393	5,666	59.49	65.74
Petroleum Liquids (1000 barrels)	23	32	98.83	117.80	6	8	307	438	102.00	105.65
Petroleum Coke (1000 tons)	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas (1000 Mcf)	61,967	68,333	2.38	3.18	43	46	696,132	723,628	2.45	3.05

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

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)										
							Year-to-Date			
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
Coal	567,740	672,069	2.43	2.51	172	190	6,295,967	7,450,262	2.49	2.51
Petroleum Liquids	6,528	8,747	16.93	21.17	95	177	74,908	100,328	18.35	20.42
Petroleum Coke	1,280	3,097	2.64	3.60	1	4	25,141	36,157	2.98	4.13
Natural Gas	968,698	1,028,518	2.63	3.39	581	795	11,948,240	12,576,612	2.66	3.37
Fossil Fuels	1,544,246	1,712,431	2.62	3.12	693	927	18,344,256	20,163,359	2.66	3.12

Electric Utilities										
							Year-to-Date			
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
Coal	431,594	509,063	2.49	2.57	132	140	4,836,273	5,725,419	2.56	2.56
Petroleum Liquids	4,223	5,628	16.97	21.72	66	104	54,426	71,010	18.30	20.51
Petroleum Coke	1,280	3,097	2.64	3.60	1	4	25,141	36,157	2.98	4.13
Natural Gas	483,975	488,206	2.96	3.79	304	426	6,007,541	6,267,633	2.94	3.81
Fossil Fuels	921,072	1,005,994	2.80	3.27	386	521	10,923,380	12,100,219	2.85	3.32

Independent Power Producers										
							Year-to-Date			
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
Coal	126,525	153,037	2.17	2.27	29	40	1,350,804	1,611,262	2.18	2.28
Petroleum Liquids	2,161	2,920	16.93	20.22	23	65	18,596	26,646	18.68	20.51
Petroleum Coke	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas	420,228	469,276	2.24	2.94	231	320	5,217,457	5,557,267	2.30	2.82
Fossil Fuels	548,914	625,234	2.29	2.85	259	355	6,586,857	7,195,176	2.33	2.75

Commercial Sector										
							Year-to-Date			
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 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	772	687	3.30	3.19	3	3	7,112	7,469	3.26	3.02
Fossil Fuels	772	687	3.30	3.19	3	3	7,240	7,511	3.28	3.03

Industrial Sector										
							Year-to-Date			
Fuel	Receipts		Cost		Number of Plants		Receipts		Cost	
	(Billion Btu)		(Dollars / Million Btu)				(Billion Btu)		(Dollars / Million Btu)	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
Coal	9,621	9,969	2.77	3.04	11	10	108,763	113,538	2.95	3.28
Petroleum Liquids	144	198	15.94	19.26	6	8	1,887	2,672	16.57	17.30
Petroleum Coke	0	0	--	--	0	0	0	0	0.00	0.00
Natural Gas	63,723	70,348	2.31	3.08	43	46	716,130	744,243	2.38	2.97
Fossil Fuels	73,488	80,516	2.40	3.12	45	48	826,779	860,452	2.49	3.06

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

Chapter 1

Net Generation

Table 1.1. Net Generation by Energy Source: Total (All Sectors), 2014-November 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 Fossil 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	368,862	-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	1,687,065	11,722	771,537	254,789	143,792	502,234	-6,028	11,114	4,230,668	61,282	202,075	205,074
2023	675,115	11,397	4,836	1,806,063	11,778	774,873	245,002	165,530	484,708	-5,990	9,957	4,183,271	73,406	236,090	238,937
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	11,065	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	11,694	48,677	-318	979	324,530	5,121	16,560	16,815
April	55,329	749	528	105,506	921	55,290	20,066	13,402	51,528	-265	941	303,994	5,671	18,751	19,073
May	62,532	834	596	127,091	1,036	63,382	23,359	15,120	47,729	-467	971	342,184	6,236	20,985	21,356
June	73,463	897	683	155,517	987	65,715	25,988	16,052	39,461	-589	959	379,134	6,229	21,910	22,281
July	86,415	1,045	488	189,042	1,083	68,857	24,567	15,765	35,499	-768	982	422,975	6,438	21,915	22,203
August	85,215	1,001	576	188,860	1,008	68,897	21,133	14,502	30,657	-640	924	412,133	6,194	20,418	20,697
Sept	64,998	942	648	156,948	987	63,733	17,026	13,286	32,840	-598	845	351,655	5,544	18,545	18,830
October	54,228	952	610	133,492	968	58,945	14,367	11,942	38,036	-434	844	313,949	5,022	16,674	16,964
November	56,377	911	568	127,523	911	62,041	17,898	8,403	46,779	-495	864	321,780	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	61,357	983	421	138,339	945	70,870	22,754	7,806	44,039	-620	890	347,784	3,989	11,711	11,795
February	46,374	1,233	395	124,892	891	60,807	19,961	9,435	46,464	-456	779	310,776	4,387	13,713	13,822
March	50,096	924	314	133,558	1,028	62,820	21,331	12,213	49,008	-519	791	331,565	6,005	18,064	18,218
April	40,233	868	301	119,878	866	56,662	19,820	15,062	47,623	-290	745	301,768	6,742	21,509	21,803
May	43,804	880	330	137,296	1,011	61,155	27,651	17,281	37,566	-459	858	327,374	7,543	24,525	24,824
June	57,772	878	389	161,851	974	64,819	21,572	17,834	32,725	-551	839	359,101	7,405	24,874	25,239
July	78,903	964	651	199,289	1,046	69,888	21,978	18,894	33,391	-656	873	425,220	7,720	26,234	26,614
August	78,112	958	651	199,000	1,088	69,744	21,293	17,744	33,879	-653	866	422,682	7,504	24,938	25,248
Sept	59,959	894	592	166,151	983	65,560	16,916	15,583	33,467	-553	776	360,328	6,604	21,894	22,187
October	50,933	990	293	140,655	924	61,436	15,673	14,121	41,061	-372	838	326,549	6,076	19,910	20,196
November	51,209	906	179	135,358	959	62,258	17,026	10,446	41,772	-347	845	320,610	4,938	15,218	15,384
December	56,365	920	318	149,798	1,062	68,854	19,028	9,113	43,713	-514	857	349,513	4,494	13,500	13,606
Year 2024															
January	75,691	1,548	315	160,174	1,071	69,080	21,924	9,730	40,407	-412	807	380,335	4,806	14,457	14,536
February	44,058	763	217	130,989	766	64,584	20,101	12,476	46,492	-404	720	320,763	5,427	17,784	17,903
March	38,390	810	166	130,609	719	63,346	23,315	15,797	50,633	-349	700	324,136	7,142	22,718	22,939
April	37,323	929	234	121,406	767	57,621	19,377	19,054	52,245	-338	650	309,269	7,897	26,619	26,951
May	45,914	916	272	143,621	774	64,973	22,613	22,114	43,857	-292	811	345,572	8,610	30,310	30,724
June	61,393	908	408	169,315	880	68,192	21,170	24,193	43,250	-586	741	389,865	8,623	32,402	32,817
July	71,687	1,011	435	207,735	854	69,885	21,186	24,115	33,254	-649	775	430,288	8,805	32,558	32,919
August	68,838	1,026	435	203,094	861	69,760	21,359	23,960	34,091	-812	742	423,355	8,442	32,047	32,402
Sept	54,526	876	258	169,382	741	62,660	16,660	20,099	33,979	-654	664	359,190	7,543	27,307	27,642
October	46,993	947	156	146,370	620	58,437	15,820	19,463	44,732	-432	618	333,725	6,762	25,992	26,225
November	44,990	902	182	137,026	758	61,904	18,277	13,829	45,937	-488	717	324,033	5,463	19,156	19,292
Year to Date															
2022	758,131	12,510	6,382	1,546,349	10,745	702,443	234,359	137,015	457,719	-5,480	10,238	3,870,411	57,584	191,698	194,599
2023	618,750	10,477	4,518	1,656,265	10,716	706,019	225,975	156,418	440,996	-5,476	9,100	3,833,757	68,912	222,590	225,330
2024	589,804	10,636	3,079	1,719,722	8,812	710,443	221,803	204,830	468,877	-5,417	7,943	3,940,533	79,520	281,349	284,350
Rolling 12 Months Ending in November															
2023	692,131	13,773	5,262	1,796,981	11,693	775,113	246,404	163,195	485,510	-6,024	9,976	4,194,014	72,611	232,966	235,806
2024	646,169	11,556	3,397	1,869,520	9,874	779,297	240,831	213,943	512,590	-5,931	8,801	4,290,046	84,014	294,849	297,957

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 Fossil Gas.

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 Fossil Gas.

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

Other Fossil Gas includes gaseous propane, blast furnace gas, other manufactured and waste gases derived from fossil fuels other than hydrogen.

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 hydrogen, 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 2023 and prior years are final. Values for 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.

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-November 2024
(Thousand Megawatthours)

	Generation at Utility Scale Facilities											Small Scale Generation	Generation From Utility and Small Scale Facilities	
				Wood and Wood-Derived Fuels		Biogenic Municipal Solid Waste	Other Waste Biomass				Total Renewable Generation at Utility Scale Facilities	Estimated Solar Photovoltaic	Estimated Total Solar Photovoltaic	Estimated Total Solar
Period	Wind	Solar Photovoltaic	Solar Thermal		Landfill Gas			Geothermal	Conventional Hydroelectric					
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	140,793	2,999	35,466	8,535	5,776	2,073	16,087	254,789		900,814	61,282	202,075	205,074
2023	421,141	162,683	2,847	31,615	7,935	5,568	2,082	16,367	245,002		895,241	73,406	236,090	238,937
Year 2022														
January	37,416	7,689	133	3,106	748	492	192	1,470	24,198		75,443	3,376	11,065	11,198
February	37,645	8,868	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	16,815
April	46,167	13,080	321	2,736	699	482	161	1,282	20,066		84,995	5,671	18,751	19,073
May	42,124	14,749	371	2,907	722	492	157	1,327	23,359		86,208	6,236	20,985	21,356
June	33,768	15,681	372	3,045	710	498	166	1,276	25,988		81,501	6,229	21,910	22,281
July	29,475	15,477	288	3,276	723	510	173	1,341	24,567		75,831	6,438	21,915	22,203
August	24,718	14,223	279	3,206	707	498	174	1,354	21,133		66,293	6,194	20,418	20,697
Sept	27,331	13,001	285	2,864	686	470	159	1,329	17,026		63,152	5,544	18,545	18,830
October	32,745	11,652	289	2,624	714	473	182	1,298	14,367		64,345	5,022	16,674	16,964
November	41,199	8,254	149	2,865	678	473	167	1,397	17,898		73,079	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	38,358	7,722	84	2,920	691	483	167	1,420	22,754		74,599	3,989	11,711	11,795
February	41,424	9,326	109	2,533	612	420	174	1,302	19,961		75,860	4,387	13,713	13,822
March	43,584	12,059	154	2,704	669	446	163	1,442	21,331		82,553	6,005	18,064	18,218
April	42,746	14,767	295	2,336	621	409	157	1,356	19,820		82,504	6,742	21,509	21,803
May	32,227	16,981	300	2,654	689	475	176	1,345	27,651		82,499	7,543	24,525	24,824
June	27,547	17,469	365	2,579	664	483	159	1,293	21,572		72,131	7,405	24,874	25,239
July	28,005	18,514	380	2,758	671	497	165	1,296	21,978		74,263	7,720	26,234	26,614
August	28,394	17,435	309	2,884	678	482	174	1,267	21,293		72,916	7,504	24,938	25,248
Sept	28,353	15,290	293	2,573	626	441	159	1,315	16,916		65,966	6,604	21,894	22,187
October	36,020	13,834	287	2,317	649	463	192	1,420	15,673		70,854	6,076	19,910	20,196
November	36,445	10,280	166	2,584	649	471	183	1,440	17,026		69,243	4,938	15,218	15,384
December	38,038	9,006	106	2,774	716	498	213	1,473	19,028		71,853	4,494	13,500	13,606
Year 2024														
January	34,828	9,651	79	2,851	663	467	177	1,421	21,924		72,061	4,806	14,457	14,536
February	41,446	12,357	119	2,539	606	421	163	1,318	20,101		79,069	5,427	17,784	17,903
March	45,502	15,576	221	2,618	623	423	179	1,288	23,315		89,745	7,142	22,718	22,939
April	47,236	18,722	332	2,521	584	408	160	1,335	19,377		90,677	7,897	26,619	26,951
May	38,589	21,700	414	2,742	642	469	169	1,245	22,613		88,584	8,610	30,310	30,724
June	38,061	23,779	414	2,697	620	449	153	1,270	21,170		88,614	8,623	32,402	32,817
July	27,910	23,753	362	2,726	661	474	157	1,326	21,186		78,555	8,805	32,558	32,919
August	28,695	23,605	355	2,780	666	480	157	1,313	21,359		79,410	8,442	32,047	32,402
Sept	28,910	19,764	335	2,566	642	440	149	1,272	16,660		70,737	7,543	27,307	27,642
October	40,019	19,230	233	2,280	614	449	174	1,195	15,820		80,016	6,762	25,992	26,225
November	40,926	13,692	136	2,553	578	457	168	1,256	18,277		78,043	5,463	19,156	19,292
Year to Date														
2022	395,618	134,114	2,901	32,461	7,861	5,283	1,892	14,605	234,359		829,093	57,584	191,698	194,599
2023	383,103	153,677	2,741	28,840	7,218	5,071	1,868	14,895	225,975		823,388	68,912	222,590	225,330
2024	412,122	201,829	3,001	28,873	6,899	4,937	1,808	14,239	221,803		895,511	79,520	281,349	284,350
Rolling 12 Months Ending in November														
2023	421,783	160,356	2,839	31,845	7,893	5,564	2,049	16,377	246,404		895,109	72,611	232,966	235,806
2024	450,160	210,835	3,108	31,647	7,615	5,435	2,021	15,711	240,831		967,363	84,014	294,849	297,957

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 2023 and prior years are final. Values for 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.

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-November 2024
(Thousand Megawatthours)

Generation at Utility Scale Facilities												
Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Fossil Gas	Nuclear	Hydroelectric Conventional	Solar	Renewable Sources Excluding Hydroelectric and Solar	Hydroelectric Pumped Storage	Other	Total
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	17,692	86,233	-4,752	534	2,229,605
2023	518,330	8,254	3,146	895,910	0	441,391	220,003	22,230	84,313	-4,545	580	2,189,615
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	1,836	6,114	-460	40	206,024
July	66,631	678	388	95,306	0	38,888	23,132	1,811	5,104	-623	40	231,355
August	64,386	661	421	93,582	0	38,921	19,778	1,717	4,893	-495	36	223,900
Sept	49,704	680	480	75,975	0	35,914	15,593	1,489	5,846	-493	33	185,222
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	164,537
December	56,116	1,575	636	69,839	0	38,335	18,352	982	7,992	-437	39	193,428
Year 2023												
January	47,822	749	265	69,057	0	40,507	19,961	1,198	7,368	-498	50	186,479
February	34,662	721	257	61,261	0	34,281	17,914	1,480	8,665	-359	44	158,927
March	37,670	678	166	66,439	0	36,091	18,841	1,928	8,423	-389	47	169,894
April	29,082	634	176	59,847	0	33,574	17,367	1,992	9,198	-191	41	151,719
May	32,611	657	166	70,284	0	34,559	25,345	2,322	6,601	-336	44	172,252
June	46,228	687	257	81,589	0	37,005	19,980	2,288	4,812	-420	52	192,478
July	62,726	678	484	99,498	0	39,977	19,811	2,325	4,726	-519	51	229,759
August	61,744	733	491	100,832	0	40,065	19,175	2,301	5,570	-499	59	230,470
Sept	46,714	653	441	81,425	0	37,575	15,262	1,965	5,788	-415	47	189,456
October	38,830	695	176	68,789	0	34,541	14,167	1,873	7,410	-294	47	166,233
November	37,358	669	100	63,733	0	34,719	15,453	1,403	8,015	-245	47	161,252
December	42,884	699	167	73,156	0	38,497	16,728	1,154	7,737	-379	53	180,696
Year 2024												
January	58,511	1,043	200	78,881	0	39,090	19,331	1,306	6,972	-285	29	205,077
February	34,832	586	91	64,788	0	36,601	17,775	1,981	8,051	-268	20	164,456
March	31,033	603	40	65,235	0	35,957	20,680	2,390	9,369	-213	14	165,106
April	28,422	658	137	60,563	0	32,190	17,160	3,004	9,744	-231	12	151,659
May	35,577	669	153	74,529	0	36,822	20,266	3,318	7,591	-152	23	178,797
June	48,701	641	252	87,604	0	38,907	19,345	3,214	7,357	-446	23	205,598
July	56,220	686	285	108,098	0	40,433	19,358	3,159	4,958	-482	23	232,737
August	53,698	772	277	105,130	0	39,992	19,219	3,090	5,475	-652	23	227,023
Sept	42,744	670	142	86,574	0	35,308	14,899	2,532	6,046	-518	21	188,418
October	35,646	720	137	73,784	0	33,485	14,110	2,485	8,311	-322	23	168,380
November	34,395	668	85	68,749	0	35,228	16,565	1,858	7,955	-350	23	165,175
Year to Date												
2022	565,737	7,781	4,747	762,582	0	389,598	214,601	16,710	78,241	-4,315	495	2,036,178
2023	475,446	7,555	2,979	822,754	0	402,894	203,275	21,076	76,576	-4,166	528	2,008,918
2024	459,777	7,716	1,799	873,936	0	404,012	198,708	28,336	81,830	-3,920	234	2,052,427
Rolling 12 Months Ending in November												
2023	531,562	9,130	3,615	892,593	0	441,229	221,627	22,058	84,568	-4,603	567	2,202,346
2024	502,662	8,415	1,966	947,091	0	442,509	215,436	29,491	89,566	-4,299	286	2,233,123

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 Fossil Gas.

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 Fossil Gas.

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

Other Fossil Gas includes gaseous propane, blast furnace gas, other manufactured and waste gases derived from fossil fuels other than hydrogen.

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 hydrogen, 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 2023 and prior years are final. Values for 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.B Net Generation by Energy Source: Independent Power Producers, 2014-November 2024
(Thousand Megawatthours)

Generation at Utility Scale Facilities												
Period	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Fossil Gas	Nuclear	Hydroelectric Conventional	Solar	Renewable Sources Excluding Hydroelectric and Solar	Hydroelectric Pumped Storage	Other	Total
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	3,893	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	152,238	2,573	1,415	803,945	3,340	333,482	23,862	142,360	374,335	-1,445	2,823	1,838,927
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	153,654
Year 2023												
January	13,093	166	123	60,616	285	30,363	2,679	6,565	34,357	-122	281	148,405
February	11,333	444	112	55,471	238	26,526	1,935	7,898	35,758	-97	224	139,842
March	12,063	191	117	58,390	280	26,730	2,356	10,209	38,366	-130	228	148,801
April	10,796	191	107	52,454	202	23,088	2,336	12,968	36,407	-99	218	138,668
May	10,816	186	143	58,633	308	26,596	2,196	14,853	28,753	-123	271	142,634
June	11,172	149	114	71,177	273	27,814	1,505	15,445	25,822	-132	253	153,592
July	15,778	243	140	90,165	305	29,910	2,075	16,463	26,509	-137	241	181,692
August	15,990	183	138	88,505	333	29,679	2,037	15,347	26,048	-154	240	178,346
Sept	12,872	200	132	75,519	289	27,985	1,589	13,534	25,576	-137	196	157,755
October	11,746	255	98	63,078	249	26,895	1,443	12,176	31,572	-78	215	147,648
November	13,493	193	59	62,734	262	27,538	1,507	8,985	31,544	-102	229	146,440
December	13,087	173	130	67,204	316	30,357	2,205	7,916	33,624	-135	227	155,104
Year 2024												
January	16,763	436	97	71,489	292	29,990	2,480	8,367	31,150	-127	234	161,172
February	8,858	125	111	57,534	211	27,983	2,223	10,418	36,308	-135	213	143,846
March	6,948	165	110	56,830	195	27,389	2,525	13,311	39,022	-135	202	146,561
April	8,586	223	81	52,388	231	25,432	2,122	15,938	40,296	-107	166	145,354
May	9,984	203	102	60,553	192	28,151	2,240	18,669	33,970	-140	251	154,174
June	12,316	221	133	73,387	286	29,285	1,721	20,844	33,698	-140	171	171,921
July	15,054	281	128	90,475	251	29,453	1,735	20,826	26,048	-167	184	184,268
August	14,738	211	139	88,343	217	29,768	2,038	20,741	26,326	-160	183	182,544
Sept	11,414	167	101	74,053	250	27,353	1,679	17,458	25,781	-136	163	158,282
October	11,014	191	2	64,568	219	24,952	1,633	16,874	34,395	-111	128	153,865
November	10,221	192	NM	59,942	208	26,676	1,624	11,901	35,774	-138	181	146,653
Year to Date												
2022	187,434	4,168	1,278	688,132	3,188	312,845	18,707	119,402	353,436	-1,165	3,204	1,690,628
2023	139,151	2,400	1,285	736,741	3,023	303,124	21,657	134,444	340,711	-1,310	2,596	1,683,822
2024	125,895	2,414	1,076	749,561	2,550	306,431	22,020	175,346	362,769	-1,497	2,074	1,748,640
Rolling 12 Months Ending in November												
2023	155,961	3,966	1,361	798,875	3,287	333,884	23,623	140,197	374,864	-1,421	2,879	1,837,476
2024	138,982	2,587	NM	816,765	2,867	336,788	24,224	183,262	396,393	-1,632	2,301	1,903,744

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 Fossil Gas.

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 Fossil Gas.

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

Other Fossil Gas includes gaseous propane, blast furnace gas, other manufactured and waste gases derived from fossil fuels other than hydrogen.

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 hydrogen, 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 2023 and prior years are final. Values for 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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Table 1.2.C. Net Generation by Energy Source: Commercial Sector, 2014-November 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 Fossil 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	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	220	76	2	7,744	0	0	293	615	3,930	0	3,185	16,066	19,751	20,366	20,366
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	28	9	1	619	0	0	29	28	327	0	270	1,311	1,119	1,147	1,147
February	26	19	0	583	0	0	26	38	290	0	230	1,210	1,234	1,272	1,272
March	20	7	0	606	0	0	30	51	305	0	240	1,260	1,680	1,731	1,731
April	21	4	0	560	0	0	30	67	295	0	234	1,210	1,855	1,923	1,923
May	17	5	0	591	0	0	26	71	333	0	271	1,314	2,023	2,095	2,095
June	9	4	0	656	0	0	19	66	343	0	281	1,378	2,011	2,077	2,077
July	12	5	0	777	0	0	24	70	346	0	289	1,522	2,087	2,156	2,156
August	12	4	0	740	0	0	24	62	346	0	277	1,465	2,010	2,072	2,072
Sept	15	4	0	701	0	0	18	53	317	0	257	1,365	1,796	1,849	1,849
October	18	5	0	621	0	0	23	46	333	0	271	1,318	1,558	1,604	1,604
November	18	5	0	604	0	0	22	37	340	0	277	1,303	1,225	1,262	1,262
December	23	6	1	686	0	0	23	25	358	0	288	1,411	1,153	1,178	1,178
Year 2024															
January	32	NM	1	699	0	0	28	33	345	0	278	1,428	1,258	1,291	1,291
February	21	5	0	654	0	0	NM	46	304	0	247	1,301	1,435	1,481	1,481
March	19	7	0	676	0	0	27	57	307	0	244	1,339	1,884	1,941	1,941
April	13	NM	0	576	0	0	23	66	304	0	246	1,235	2,073	2,139	2,139
May	NM	6	1	620	0	0	NM	75	334	0	278	1,350	2,287	2,362	2,362
June	11	7	1	686	0	0	30	78	318	0	264	1,395	2,286	2,364	2,364
July	14	NM	0	771	0	0	NM	73	334	0	270	1,495	2,369	2,443	2,443
August	16	5	0	777	0	0	26	73	332	0	280	1,510	2,272	2,345	2,345
Sept	17	3	0	687	0	0	18	62	306	0	247	1,340	2,036	2,098	2,098
October	13	4	0	628	0	0	NM	59	316	0	259	1,296	1,763	1,822	1,822
November	16	6	0	619	0	0	24	38	321	0	254	1,277	1,405	1,443	1,443
Year to Date															
2022	257	84	9	7,162	0	0	243	639	3,839	0	3,107	15,341	16,717	17,356	17,356
2023	197	70	1	7,058	0	0	270	590	3,573	0	2,897	14,655	18,598	19,188	19,188
2024	180	69	3	7,392	0	0	273	661	3,521	0	2,868	14,966	21,068	21,729	21,729
Rolling 12 Months Ending in November															
2023	227	87	3	7,726	0	0	290	619	3,919	0	3,180	16,051	19,606	20,225	20,225
2024	NM	NM	3	8,079	0	0	NM	687	3,878	0	3,156	16,377	22,221	22,907	22,907

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 Fossil Gas.

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 Fossil Gas.

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

Other Fossil Gas includes gaseous propane, blast furnace gas, other manufactured and waste gases derived from fossil fuels other than hydrogen.

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 hydrogen, 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 2023 and prior years are final. Values for 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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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-November 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 Fossil 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	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	96,548	8,271	0	899	276	24,226	0	3,702	140,043	4,048	4,324	4,324
2023	4,327	494	273	98,463	8,438	0	844	326	22,130	0	3,369	138,664	4,382	4,708	4,708
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	7,790	671	0	84	28	2,045	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	414	59	32	8,047	660	0	85	16	1,987	0	290	11,590	244	260	260
February	354	50	25	7,577	654	0	86	18	1,751	0	281	10,797	259	277	277
March	343	48	31	8,122	748	0	104	24	1,914	0	276	11,609	370	395	395
April	334	39	17	7,017	665	0	87	34	1,723	0	252	10,170	408	442	442
May	359	32	20	7,789	703	0	84	35	1,880	0	273	11,175	447	481	481
June	362	38	18	8,429	701	0	69	35	1,749	0	253	11,654	446	481	481
July	387	38	27	8,847	741	0	69	37	1,811	0	292	12,247	461	497	497
August	366	38	23	8,923	755	0	57	34	1,916	0	290	12,401	444	478	478
Sept	358	36	19	8,506	694	0	46	30	1,787	0	276	11,753	400	429	429
October	340	36	20	8,166	675	0	40	26	1,745	0	304	11,351	363	389	389
November	340	38	21	8,287	697	0	45	21	1,873	0	293	11,615	286	307	307
December	370	41	20	8,751	746	0	72	17	1,994	0	290	12,302	254	271	271
Year 2024															
January	384	55	18	9,105	780	0	85	25	1,940	0	266	12,658	267	291	291
February	348	48	15	8,014	555	0	78	31	1,830	0	241	11,160	295	327	327
March	389	36	16	7,869	524	0	83	39	1,934	0	241	11,130	405	444	444
April	303	41	16	7,880	536	0	73	46	1,901	0	226	11,022	438	485	485
May	346	38	15	7,918	582	0	80	53	1,961	0	259	11,251	476	529	529
June	365	39	23	7,638	594	0	75	57	1,877	0	283	10,951	475	531	531
July	398	38	23	8,392	604	0	65	56	1,914	0	297	11,787	488	545	545
August	387	38	19	8,844	645	0	75	56	1,958	0	256	12,276	472	528	528
Sept	351	35	15	8,068	491	0	64	47	1,846	0	232	11,150	433	481	481
October	321	33	17	7,390	401	0	60	45	1,711	0	207	10,185	393	438	438
November	358	37	24	7,717	550	0	64	31	1,888	0	259	10,929	303	334	334
Year to Date															
2022	4,702	477	348	88,473	7,557	0	807	263	22,203	0	3,432	128,264	3,819	4,082	4,082
2023	3,956	453	252	89,712	7,692	0	772	309	20,136	0	3,080	126,362	4,128	4,436	4,436
2024	3,951	438	200	88,834	6,262	0	802	487	20,759	0	2,768	124,500	4,445	4,932	4,932
Rolling 12 Months Ending in November															
2023	4,382	590	283	97,786	8,406	0	863	322	22,159	0	3,350	138,141	4,357	4,678	4,678
2024	4,321	479	221	97,585	7,007	0	874	504	22,753	0	3,057	136,802	4,700	5,203	5,203

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 Fossil Gas.

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 Fossil Gas.

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

Other Fossil Gas includes gaseous propane, blast furnace gas, other manufactured and waste gases derived from fossil fuels other than hydrogen.

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 hydrogen, 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 2023 and prior years are final. Values for 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.

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-November 2024
(Thousand Megawatthours)

	Small Scale Generation
Period	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	49,273
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	2,625
February	2,894
March	3,954
April	4,478
May	5,073
June	4,948
July	5,173
August	5,049
Sept	4,409
October	4,155
November	3,428
December	3,087
Year 2024	
January	3,281
February	3,696
March	4,854
April	5,385
May	5,847
June	5,863
July	5,947
August	5,698
Sept	5,074
October	4,607
November	3,756
Year to Date	
2022	37,048
2023	46,186
2024	54,007
Rolling 12 Months Ending in November	
2023	48,649
2024	57,094

See Glossary for definitions. Values for 2023 and prior years are final. Values for 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, November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	8,408	7,818	7.6%	128	129	7,932	7,346	179	171	170	172
Connecticut	3,838	2,815	36.3%	4	7	3,757	2,733	23	24	54	52
Maine	1,045	1,137	-8.1%	NM	0	952	1,040	3	3	89	93
Massachusetts	1,785	1,492	19.6%	NM	43	1,586	1,304	144	134	12	11
New Hampshire	798	1,321	-39.6%	NM	1	790	1,313	6	5	2	3
Rhode Island	739	852	-13.2%	0	0	723	836	3	3	13	13
Vermont	203	199	2.0%	79	78	124	121	0	0	0	0
Middle Atlantic	33,473	33,247	0.7%	2,836	2,952	29,839	29,526	335	329	463	439
New Jersey	4,368	5,402	-19.1%	NM	22	4,211	5,231	91	97	51	52
New York	10,556	10,630	-0.7%	2,816	2,925	7,477	7,455	195	184	69	66
Pennsylvania	18,549	17,215	7.7%	5	5	18,151	16,840	49	48	343	322
East North Central	47,741	48,426	-1.4%	17,586	15,139	29,264	32,283	143	137	748	867
Illinois	14,379	15,052	-4.5%	328	314	13,851	14,558	33	31	167	149
Indiana	7,337	7,289	0.7%	4,365	3,856	2,694	2,977	18	18	260	438
Michigan	9,896	9,478	4.4%	7,617	6,428	2,101	2,883	61	58	118	109
Ohio	11,081	11,811	-6.2%	1,322	833	9,667	10,908	19	18	73	53
Wisconsin	5,048	4,797	5.2%	3,955	3,710	951	957	11	13	131	117
West North Central	27,736	29,171	-4.9%	19,231	20,705	8,074	8,065	49	46	381	356
Iowa	6,080	5,766	5.4%	4,719	4,397	1,161	1,185	11	10	189	175
Kansas	4,675	4,797	-2.5%	2,226	2,538	2,417	2,238	NM	1	31	21
Minnesota	4,388	4,676	-6.1%	2,877	3,172	1,367	1,379	24	20	120	105
Missouri	4,227	5,271	-19.8%	3,781	4,771	431	484	12	13	3	4
Nebraska	2,942	3,221	-8.7%	1,877	2,120	1,044	1,067	2	2	20	32
North Dakota	3,743	3,821	-2.1%	2,895	2,861	835	946	0	0	13	15
South Dakota	1,680	1,618	3.8%	856	847	818	767	NM	NM	5	4
South Atlantic	59,804	59,731	0.1%	48,916	48,545	9,433	9,673	186	219	1,270	1,294
Delaware	289	276	4.9%	8	1	182	175	1	1	99	99
District of Columbia	17	11	57.4%	NM	0	NM	1	14	9	0	0
Florida	19,719	18,736	5.2%	18,189	17,503	1,155	849	76	86	299	298
Georgia	10,026	9,671	3.7%	8,345	7,917	1,312	1,383	NM	0	368	371
Maryland	2,366	2,843	-16.8%	80	237	2,253	2,572	28	29	5	5
North Carolina	10,088	10,123	-0.3%	8,732	8,412	1,230	1,555	21	21	105	136
South Carolina	7,116	7,546	-5.7%	6,768	7,167	252	248	0	0	95	131
Virginia	6,922	6,903	0.3%	4,643	4,984	2,028	1,671	47	73	204	176
West Virginia	3,260	3,622	-10.0%	2,150	2,324	1,017	1,220	0	0	94	78
East South Central	25,795	25,650	0.6%	21,474	21,106	3,536	3,771	16	16	769	758
Alabama	11,508	11,313	1.7%	8,059	7,599	3,048	3,292	0	0	401	422
Kentucky	4,403	4,925	-10.6%	4,337	4,822	16	60	NM	0	49	43
Mississippi	5,157	4,264	21.0%	4,650	3,836	355	301	0	0	152	127
Tennessee	4,727	5,148	-8.2%	4,428	4,848	116	118	15	16	168	166
West South Central	61,121	57,331	6.6%	17,734	16,100	37,636	34,870	64	67	5,687	6,294
Arkansas	4,083	4,318	-5.4%	3,523	3,799	466	428	NM	3	91	88
Louisiana	7,903	7,631	3.6%	5,372	4,261	507	701	NM	16	2,021	2,652
Oklahoma	7,218	6,175	16.9%	3,043	2,926	4,104	3,181	-1	0	71	68
Texas	41,918	39,208	6.9%	5,796	5,113	32,560	30,560	58	47	3,504	3,487
Mountain	29,392	28,426	3.4%	19,664	19,464	9,416	8,649	47	46	266	267
Arizona	8,403	8,650	-2.9%	6,283	6,874	2,107	1,762	11	12	NM	2
Colorado	4,624	4,645	-0.5%	2,955	3,141	1,648	1,483	2	1	19	21
Idaho	1,588	1,142	39.1%	1,008	728	520	361	6	6	54	48
Montana	2,393	2,326	2.9%	948	736	1,443	1,588	0	0	2	2
Nevada	2,983	3,028	-1.5%	1,825	1,823	1,120	1,163	7	8	31	35
New Mexico	2,804	2,457	14.1%	1,134	962	1,657	1,486	NM	9	6	0
Utah	3,028	2,319	30.6%	2,586	1,952	393	332	14	11	35	24
Wyoming	3,569	3,858	-7.5%	2,924	3,248	528	474	0	0	117	135
Pacific Contiguous	29,280	29,479	-0.7%	16,690	16,161	11,248	11,973	194	205	1,148	1,139
California	15,093	16,049	-6.0%	5,591	5,249	8,376	9,681	187	201	939	918
Oregon	5,471	4,815	13.6%	3,571	3,529	1,836	1,225	6	3	59	59
Washington	8,715	8,614	1.2%	7,528	7,384	1,036	1,067	2	1	150	162
Pacific Noncontiguous	1,283	1,331	-3.6%	914	953	275	282	66	67	28	29
Alaska	524	558	-6.0%	464	492	18	19	34	36	8	10
Hawaii	759	774	-1.9%	450	461	258	263	31	31	20	19
U.S. Total	324,033	320,610	1.1%	165,175	161,252	146,653	146,440	1,277	1,303	10,929	11,615

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 for 2024 are preliminary. Values for 2023 are final. 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 November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	99,077	93,703	5.7%	1,599	1,469	93,646	88,398	1,970	1,916	1,862	1,920
Connecticut	41,051	36,805	11.5%	71	79	40,097	35,884	273	259	611	583
Maine	12,289	11,414	7.7%	NM	4	11,319	10,362	38	44	928	1,004
Massachusetts	18,848	17,942	5.1%	603	487	16,529	15,788	1,566	1,508	150	159
New Hampshire	15,802	15,375	2.8%	NM	16	15,711	15,279	53	56	22	25
Rhode Island	8,779	9,903	-11.4%	0	0	8,590	9,706	38	47	151	150
Vermont	2,307	2,264	1.9%	905	883	1,400	1,379	2	2	0	0
Middle Atlantic	398,006	387,980	2.6%	34,040	32,638	355,269	346,936	3,737	3,502	4,960	4,904
New Jersey	56,233	59,065	-4.8%	301	275	54,275	57,250	1,075	1,015	582	525
New York	120,261	113,030	6.4%	33,638	32,284	83,716	78,062	2,117	1,957	790	726
Pennsylvania	221,513	215,885	2.6%	101	79	217,278	211,624	545	530	3,589	3,652
East North Central	557,895	532,152	4.8%	201,610	192,317	345,687	328,558	1,670	1,649	8,928	9,628
Illinois	169,656	161,905	4.8%	4,775	3,722	162,683	155,701	412	401	1,786	2,080
Indiana	85,524	82,311	3.9%	52,651	49,696	28,849	27,862	211	219	3,813	4,535
Michigan	113,759	110,096	3.3%	82,151	80,533	29,714	27,768	672	655	1,222	1,140
Ohio	129,478	120,631	7.3%	14,613	12,532	113,892	107,244	271	254	702	600
Wisconsin	59,477	57,209	4.0%	47,420	45,834	10,550	9,983	104	120	1,404	1,272
West North Central	323,057	320,802	0.7%	231,220	236,901	87,100	79,609	562	546	4,175	3,746
Iowa	63,404	63,912	-0.8%	49,641	51,338	11,615	10,646	123	118	2,026	1,810
Kansas	53,490	53,301	0.4%	27,710	30,668	25,448	22,299	12	12	320	323
Minnesota	52,941	52,432	1.0%	36,631	37,087	14,793	14,015	229	229	1,289	1,101
Missouri	62,034	61,117	1.5%	55,732	54,575	6,086	6,334	180	169	36	39
Nebraska	34,145	36,010	-5.2%	22,570	24,953	11,257	10,769	18	18	300	270
North Dakota	39,074	38,129	2.5%	30,187	29,613	8,741	8,365	0	0	147	151
South Dakota	17,968	15,901	13.0%	8,750	8,667	9,161	7,181	NM	NM	58	53
South Atlantic	768,444	735,713	4.4%	632,893	605,246	118,512	113,804	2,415	2,543	14,623	14,120
Delaware	4,355	4,427	-1.6%	71	24	3,207	3,238	5	6	1,072	1,158
District of Columbia	188	162	16.5%	3	3	36	21	149	138	0	0
Florida	246,850	241,293	2.3%	231,244	226,229	11,463	10,685	923	1,002	3,219	3,376
Georgia	129,003	118,298	9.0%	105,944	96,546	18,664	17,799	5	2	4,390	3,951
Maryland	32,838	33,086	-0.7%	2,808	4,096	29,671	28,615	306	320	54	54
North Carolina	123,685	115,538	7.1%	102,678	94,809	19,510	19,121	267	242	1,230	1,365
South Carolina	91,651	92,276	-0.7%	86,299	87,406	3,788	3,523	2	2	1,562	1,346
Virginia	93,372	83,019	12.5%	68,884	62,514	21,700	17,816	758	830	2,030	1,859
West Virginia	46,501	47,615	-2.3%	34,963	33,618	10,472	12,987	0	0	1,066	1,010
East South Central	329,617	322,989	2.1%	285,410	275,497	35,543	39,097	182	183	8,483	8,211
Alabama	130,945	127,304	2.9%	96,559	88,899	29,982	34,114	0	0	4,404	4,291
Kentucky	60,956	57,525	6.0%	59,808	56,486	650	554	NM	1	497	484
Mississippi	68,505	67,241	1.9%	63,669	62,660	3,187	2,855	0	0	1,650	1,726
Tennessee	69,211	70,919	-2.4%	65,374	67,452	1,725	1,575	180	182	1,932	1,710
West South Central	754,128	735,742	2.5%	234,546	229,491	453,404	437,803	923	772	65,255	67,676
Arkansas	55,161	58,322	-5.4%	48,524	52,685	5,633	4,777	49	51	955	809
Louisiana	91,294	89,955	1.5%	60,026	56,570	6,589	6,301	56	76	24,623	27,009
Oklahoma	87,548	82,125	6.6%	43,744	40,468	43,036	40,950	-6	-18	774	725
Texas	520,126	505,340	2.9%	82,253	79,769	398,146	385,775	823	663	38,903	39,133
Mountain	348,163	341,185	2.0%	234,063	237,396	110,590	100,385	584	566	2,927	2,838
Arizona	106,625	102,748	3.8%	79,899	79,508	26,548	23,071	148	139	30	32
Colorado	53,917	52,303	3.1%	34,373	35,816	19,279	16,263	36	23	229	201
Idaho	16,704	16,482	1.4%	10,610	10,820	5,538	5,109	64	64	492	489
Montana	23,532	24,288	-3.1%	9,334	9,608	14,176	14,655	0	0	21	24
Nevada	42,277	38,822	8.9%	24,460	23,092	17,256	15,148	106	105	456	477
New Mexico	36,878	36,141	2.0%	19,503	18,901	17,215	17,080	92	98	69	63
Utah	31,410	31,187	0.7%	24,933	25,840	6,024	5,028	137	138	315	182
Wyoming	36,820	39,213	-6.1%	30,951	33,811	4,553	4,032	0	0	1,316	1,370
Pacific Contiguous	347,807	348,986	-0.3%	186,667	187,370	145,876	146,289	2,270	2,324	12,994	13,004
California	198,265	198,575	-0.2%	71,422	71,256	113,955	114,425	2,182	2,254	10,707	10,639
Oregon	57,369	56,377	1.8%	36,203	36,953	20,469	18,778	76	62	621	584
Washington	92,173	94,034	-2.0%	79,043	79,160	11,452	13,085	12	7	1,666	1,782
Pacific Noncontiguous	14,337	14,507	-1.2%	10,377	10,594	3,012	2,943	654	654	294	316
Alaska	5,960	6,091	-2.1%	5,353	5,458	187	178	336	347	84	107
Hawaii	8,377	8,416	-0.5%	5,024	5,136	2,824	2,765	318	307	210	209
U.S. Total	3,940,533	3,833,757	2.8%	2,052,427	2,008,918	1,748,640	1,683,822	14,966	14,655	124,500	126,362

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 for 2024 are preliminary. Values for 2023 are final. 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, November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	24	9	176.9%	0	0	24	9	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	2	3	-37.3%	0	0	2	3	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	22	6	305.4%	0	0	22	6	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	686	658	4.3%	0	0	677	653	0	0	9	5
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	686	658	4.3%	0	0	677	653	0	0	9	5
East North Central	10,316	11,717	-12.0%	6,894	6,446	3,350	5,212	NM	1	71	59
Illinois	1,674	2,109	-20.6%	80	80	1,532	1,979	NM	0	61	50
Indiana	3,159	3,152	0.2%	2,857	2,771	302	380	0	1	0	0
Michigan	1,881	1,809	3.9%	1,865	1,792	15	17	0	0	0	0
Ohio	1,924	3,247	-40.8%	423	412	1,501	2,835	0	0	0	0
Wisconsin	1,679	1,400	19.9%	1,669	1,391	0	0	0	0	10	9
West North Central	8,371	10,113	-17.2%	8,210	9,948	0	0	0	0	161	165
Iowa	1,350	831	62.5%	1,229	720	0	0	0	0	121	110
Kansas	677	1,139	-40.6%	677	1,139	0	0	0	0	0	0
Minnesota	802	1,282	-37.4%	789	1,269	0	0	0	0	13	12
Missouri	2,182	3,341	-34.7%	2,182	3,341	0	0	0	0	0	0
Nebraska	1,221	1,402	-12.9%	1,203	1,372	0	0	0	0	18	30
North Dakota	2,015	1,964	2.6%	2,005	1,951	0	0	0	0	10	13
South Dakota	126	156	-19.4%	126	156	0	0	0	0	0	0
South Atlantic	5,950	7,214	-17.5%	5,387	6,442	535	747	2	2	25	22
Delaware	7	3	119.5%	0	0	7	3	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	359	1,027	-65.0%	358	1,025	0	0	0	0	2	3
Georgia	889	1,171	-24.1%	878	1,160	0	0	0	0	11	10
Maryland	52	81	-36.2%	0	0	52	81	0	0	0	0
North Carolina	944	1,098	-14.1%	939	1,093	0	0	2	2	2	3
South Carolina	1,266	962	31.7%	1,266	961	0	0	0	0	0	1
Virginia	17	46	-63.0%	7	41	0	0	0	0	10	5
West Virginia	2,415	2,826	-14.5%	1,939	2,162	477	663	0	0	0	0
East South Central	5,681	5,735	-0.9%	5,460	5,435	182	264	0	0	39	36
Alabama	1,452	1,386	4.8%	1,452	1,386	0	0	0	0	0	0
Kentucky	2,943	3,372	-12.7%	2,943	3,372	0	0	0	0	0	0
Mississippi	276	310	-10.9%	94	46	182	264	0	0	0	0
Tennessee	1,010	667	51.3%	971	631	0	0	0	0	39	36
West South Central	6,333	7,764	-18.4%	2,281	2,709	4,045	5,053	0	0	7	3
Arkansas	615	1,260	-51.2%	312	942	301	316	0	0	3	3
Louisiana	223	535	-58.3%	223	151	0	385	0	0	0	0
Oklahoma	388	446	-13.0%	384	446	0	0	0	0	5	0
Texas	5,106	5,522	-7.5%	1,362	1,170	3,745	4,353	0	0	0	0
Mountain	7,199	7,687	-6.3%	6,131	6,366	1,046	1,285	0	0	22	35
Arizona	634	1,228	-48.4%	634	1,228	0	0	0	0	0	0
Colorado	1,306	1,541	-15.2%	1,306	1,541	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	877	1,076	-18.5%	0	0	877	1,076	0	0	NM	0
Nevada	178	216	-17.7%	93	96	85	120	0	0	0	0
New Mexico	432	0	--	432	0	0	0	0	0	0	0
Utah	1,757	1,040	68.9%	1,733	1,006	25	34	0	0	0	0
Wyoming	2,014	2,585	-22.1%	1,933	2,495	59	55	0	0	22	35
Pacific Contiguous	374	270	38.2%	0	0	350	256	0	0	23	14
California	22	13	79.6%	0	0	0	0	0	0	22	13
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	351	258	36.1%	0	0	350	256	0	0	1	2
Pacific Noncontiguous	56	41	35.7%	31	13	12	14	13	15	0	0
Alaska	56	41	35.7%	31	13	12	14	13	15	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	44,990	51,209	-12.1%	34,395	37,358	10,221	13,493	16	18	358	340

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NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values for 2024 are preliminary. Values for 2023 are final. 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 November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	150	177	-14.9%	0	0	150	177	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	26	40	-34.8%	0	0	26	40	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	124	136	-9.0%	0	0	124	136	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	11,502	11,945	-3.7%	0	0	11,421	11,864	0	0	81	81
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	11,502	11,945	-3.7%	0	0	11,421	11,864	0	0	81	81
East North Central	129,589	131,496	-1.5%	79,705	79,573	49,175	50,961	25	37	684	925
Illinois	24,873	24,805	0.3%	1,032	1,151	23,254	22,817	14	16	573	822
Indiana	36,215	37,388	-3.1%	33,111	33,601	3,093	3,766	11	21	0	0
Michigan	23,020	21,566	6.7%	22,866	21,373	149	193	0	0	NM	0
Ohio	27,076	28,366	-4.5%	4,397	4,182	22,679	24,185	0	0	0	0
Wisconsin	18,405	19,369	-5.0%	18,300	19,266	0	0	0	0	105	103
West North Central	106,633	117,283	-9.1%	104,800	115,570	0	0	13	14	1,819	1,700
Iowa	12,774	15,311	-16.6%	11,471	14,127	0	0	2	7	1,301	1,177
Kansas	11,688	15,124	-22.7%	11,688	15,124	0	0	0	0	0	0
Minnesota	10,157	11,551	-12.1%	10,029	11,410	0	0	6	5	122	136
Missouri	35,142	37,108	-5.3%	35,136	37,106	0	0	6	2	0	0
Nebraska	14,618	16,304	-10.3%	14,330	16,039	0	0	0	0	288	266
North Dakota	20,896	20,488	2.0%	20,787	20,366	0	0	0	0	108	122
South Dakota	1,358	1,399	-2.9%	1,358	1,399	0	0	0	0	0	0
South Atlantic	97,533	96,272	1.3%	89,373	85,767	7,851	10,203	17	8	293	294
Delaware	83	-4	NM	0	0	83	-4	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	7,411	10,939	-32.2%	7,394	10,914	0	0	0	0	17	24
Georgia	16,501	15,385	7.3%	16,368	15,288	0	0	0	0	133	98
Maryland	2,132	1,625	31.2%	0	0	2,132	1,625	0	0	0	0
North Carolina	15,249	12,362	23.3%	15,200	12,290	0	0	17	8	32	65
South Carolina	15,226	13,825	10.1%	15,213	13,742	0	62	0	0	12	20
Virginia	1,620	1,268	27.8%	1,522	1,181	0	0	0	0	98	87
West Virginia	39,312	40,873	-3.8%	33,675	32,353	5,637	8,520	0	0	0	0
East South Central	78,557	75,616	3.9%	76,541	72,832	1,572	2,430	0	0	444	354
Alabama	19,021	18,052	5.4%	19,021	18,052	0	0	0	0	0	0
Kentucky	40,720	39,506	3.1%	40,720	39,506	0	0	0	0	0	0
Mississippi	2,962	3,755	-21.1%	1,391	1,326	1,572	2,430	0	0	0	0
Tennessee	15,853	14,303	10.8%	15,409	13,949	0	0	0	0	444	354
West South Central	83,327	91,350	-8.8%	40,681	43,934	42,567	47,365	0	0	79	50
Arkansas	14,506	15,806	-8.2%	11,653	12,658	2,824	3,117	0	0	30	31
Louisiana	3,530	4,045	-12.7%	2,750	3,176	780	869	0	0	0	0
Oklahoma	5,683	5,096	11.5%	5,634	5,077	0	0	0	0	49	19
Texas	59,607	66,403	-10.2%	20,645	23,023	38,962	43,380	0	0	0	0
Mountain	79,063	89,948	-12.1%	68,239	77,358	10,517	12,250	0	0	307	340
Arizona	8,985	10,944	-17.9%	8,985	10,944	0	0	0	0	0	0
Colorado	15,008	17,021	-11.8%	15,008	17,021	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	8,639	10,408	-17.0%	0	0	8,635	10,404	0	0	NM	5
Nevada	2,115	1,859	13.8%	1,070	887	1,044	972	0	0	0	0
New Mexico	8,035	6,848	17.3%	8,035	6,848	0	0	0	0	0	0
Utah	14,164	14,707	-3.7%	13,822	14,429	342	278	0	0	0	0
Wyoming	22,118	28,159	-21.5%	21,320	27,228	495	596	0	0	303	335
Pacific Contiguous	2,761	3,981	-30.6%	0	0	2,518	3,770	0	0	244	211
California	223	190	17.9%	0	0	0	0	0	0	223	190
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	2,538	3,791	-33.1%	0	0	2,518	3,770	0	0	20	22
Pacific Noncontiguous	690	683	0.9%	438	412	126	133	126	138	0	0
Alaska	690	683	0.9%	438	412	126	133	126	138	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	589,804	618,750	-4.7%	459,777	475,446	125,895	139,151	180	197	3,951	3,956

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 for 2024 are preliminary. Values for 2023 are final. 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, November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	21	18	15.7%	NM	2	17	13	2	2	1	1
Connecticut	10	1	769.3%	0	0	10	1	NM	0	0	0
Maine	4	6	-26.3%	0	0	3	4	0	0	1	1
Massachusetts	4	8	-53.2%	NM	1	NM	6	NM	0	NM	0
New Hampshire	2	3	-26.2%	0	0	NM	2	1	1	0	0
Rhode Island	NM	0	NM	0	0	NM	0	0	0	0	0
Vermont	NM	0	NM	NM	0	0	0	0	0	0	0
Middle Atlantic	25	7	246.4%	NM	1	18	4	NM	0	1	1
New Jersey	2	0	NM	0	0	2	0	NM	0	0	0
New York	18	4	379.2%	NM	1	12	1	NM	0	0	1
Pennsylvania	5	3	37.2%	NM	0	4	3	0	0	1	0
East North Central	37	27	38.1%	NM	14	13	12	0	0	NM	1
Illinois	2	4	-58.6%	NM	1	1	4	NM	0	0	0
Indiana	9	4	124.7%	9	4	0	0	0	0	NM	0
Michigan	8	7	10.9%	8	6	0	0	NM	0	0	1
Ohio	15	9	65.0%	4	1	12	8	0	0	0	0
Wisconsin	NM	2	NM	NM	2	0	0	NM	0	NM	0
West North Central	NM	26	NM	NM	25	NM	0	0	0	0	0
Iowa	NM	0	NM	NM	0	NM	0	0	0	NM	0
Kansas	7	5	25.2%	7	5	0	0	0	0	0	0
Minnesota	NM	6	NM	NM	6	NM	0	0	0	0	0
Missouri	8	8	6.0%	8	8	0	0	0	0	0	0
Nebraska	NM	2	NM	NM	2	0	0	0	0	0	0
North Dakota	NM	4	NM	NM	4	0	0	0	0	0	0
South Dakota	NM	1	NM	NM	1	0	0	NM	NM	0	0
South Atlantic	71	85	-16.1%	47	56	9	11	NM	2	15	16
Delaware	2	0	-984.9%	0	0	2	0	0	0	0	0
District of Columbia	NM	0	NM	0	0	0	0	NM	0	0	0
Florida	22	10	115.1%	22	10	NM	0	0	0	NM	0
Georgia	18	19	-5.6%	4	3	NM	1	0	0	13	15
Maryland	4	4	14.0%	NM	0	5	4	0	0	0	0
North Carolina	7	11	-36.2%	6	9	0	1	NM	0	NM	1
South Carolina	10	8	21.5%	9	8	0	0	0	0	1	0
Virginia	3	12	-74.5%	NM	5	1	5	0	1	0	0
West Virginia	5	21	-74.2%	5	21	0	0	0	0	0	0
East South Central	22	18	22.6%	21	17	NM	NM	0	0	1	1
Alabama	NM	4	NM	NM	4	NM	NM	0	0	NM	0
Kentucky	7	8	-2.5%	7	8	0	0	0	0	0	0
Mississippi	1	1	-30.3%	0	0	0	0	0	0	0	1
Tennessee	13	5	148.8%	13	5	0	0	0	0	0	0
West South Central	16	17	-7.6%	7	7	8	10	NM	0	0	0
Arkansas	1	3	-66.6%	1	2	0	1	0	0	NM	0
Louisiana	1	0	433.3%	1	0	0	0	0	0	0	0
Oklahoma	3	2	62.0%	3	2	0	0	0	0	0	0
Texas	11	12	-12.2%	2	3	8	9	NM	0	0	0
Mountain	NM	11	NM	NM	10	2	1	NM	0	0	0
Arizona	NM	3	NM	NM	3	0	0	NM	0	0	0
Colorado	NM	3	NM	NM	3	0	0	0	0	0	0
Idaho	0	0	-100.0%	0	0	0	0	0	0	0	0
Montana	NM	0	NM	NM	0	1	0	0	0	0	0
Nevada	0	1	-73.7%	0	1	0	0	0	0	0	0
New Mexico	NM	0	NM	NM	0	0	0	0	0	0	0
Utah	4	2	127.1%	4	2	0	0	0	0	0	0
Wyoming	2	2	3.2%	2	2	0	0	0	0	0	0
Pacific Contiguous	NM	6	NM	NM	3	1	2	1	1	1	0
California	NM	5	NM	NM	2	0	2	1	1	0	0
Oregon	NM	0	NM	0	0	0	0	NM	0	0	0
Washington	NM	1	NM	NM	0	NM	1	0	0	NM	0
Pacific Noncontiguous	663	691	-4.0%	520	533	125	140	1	0	17	17
Alaska	79	83	-5.0%	75	79	0	0	0	0	3	4
Hawaii	584	608	-3.9%	444	454	125	140	1	0	14	13
U.S. Total	902	906	-0.4%	668	669	192	193	6	5	37	38

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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 1.5.B. Utility Scale Facility Net Generation from Petroleum Liquids

by State, by Sector, Year-to-Date through November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	304	379	-19.7%	41	31	228	310	22	20	14	17
Connecticut	122	122	0.4%	4	4	116	113	NM	1	1	3
Maine	42	65	-35.5%	0	0	31	51	0	0	11	14
Massachusetts	102	96	5.6%	34	25	56	64	NM	7	1	0
New Hampshire	25	64	-61.0%	0	0	NM	54	9	10	0	0
Rhode Island	11	30	-64.0%	0	0	9	28	NM	NM	0	0
Vermont	NM	2	NM	NM	2	0	0	0	0	0	0
Middle Atlantic	454	496	-8.6%	124	125	299	334	18	21	13	16
New Jersey	27	40	-33.6%	0	0	25	38	NM	1	0	0
New York	349	410	-14.8%	123	124	206	258	14	15	NM	12
Pennsylvania	78	47	67.7%	1	1	68	37	3	5	7	4
East North Central	366	344	6.4%	233	225	121	107	2	1	10	11
Illinois	21	22	-2.9%	5	5	16	16	NM	0	0	0
Indiana	84	87	-3.5%	82	80	0	6	1	0	0	1
Michigan	86	89	-3.8%	84	84	0	0	NM	0	2	5
Ohio	124	102	21.8%	16	12	105	85	0	1	NM	4
Wisconsin	NM	44	NM	NM	43	0	0	0	0	5	2
West North Central	438	381	14.9%	431	375	NM	2	2	2	2	3
Iowa	51	52	-2.3%	49	50	2	1	1	NM	NM	0
Kansas	103	52	97.4%	103	52	0	0	0	0	0	0
Minnesota	NM	52	NM	NM	48	NM	1	2	1	2	3
Missouri	140	122	14.1%	140	122	0	0	0	0	0	0
Nebraska	NM	33	NM	NM	33	0	0	0	0	0	0
North Dakota	41	47	-13.1%	41	47	0	0	0	0	0	0
South Dakota	NM	22	NM	NM	22	0	0	NM	NM	0	0
South Atlantic	1,071	862	24.3%	611	560	277	124	13	15	170	162
Delaware	NM	-1	NM	0	1	NM	-2	0	0	0	0
District of Columbia	NM	0	NM	0	0	0	0	NM	0	0	0
Florida	177	211	-16.0%	166	196	NM	10	0	0	5	6
Georgia	204	162	26.2%	46	25	NM	5	1	1	146	132
Maryland	162	62	161.4%	-1	-1	163	63	NM	0	0	NM
North Carolina	143	77	86.6%	114	56	20	5	NM	1	NM	14
South Carolina	94	87	8.7%	85	78	2	3	0	0	7	6
Virginia	160	116	38.8%	91	59	55	39	9	12	5	5
West Virginia	110	149	-25.7%	110	147	0	2	0	0	0	0
East South Central	171	175	-2.3%	158	161	NM	0	0	0	13	13
Alabama	14	24	-40.9%	4	12	NM	0	0	0	10	11
Kentucky	52	55	-4.7%	52	55	0	0	0	0	0	0
Mississippi	7	6	12.4%	5	5	0	0	0	0	3	2
Tennessee	98	90	8.4%	97	90	0	0	0	0	0	1
West South Central	309	232	33.4%	129	99	174	129	NM	0	6	4
Arkansas	30	41	-26.7%	25	32	6	9	0	0	NM	0
Louisiana	NM	8	NM	NM	8	0	0	0	0	0	0
Oklahoma	27	19	39.7%	24	18	0	0	0	0	3	2
Texas	239	163	46.3%	67	41	169	120	NM	0	3	2
Mountain	180	159	13.6%	162	145	18	13	NM	0	0	0
Arizona	28	27	2.9%	28	27	0	0	NM	0	0	0
Colorado	NM	45	NM	NM	44	3	0	0	0	0	0
Idaho	0	0	-63.7%	0	0	0	0	0	0	0	0
Montana	19	9	115.1%	6	0	12	9	0	0	0	0
Nevada	5	7	-25.7%	4	6	1	2	0	0	0	0
New Mexico	NM	1	NM	NM	1	0	0	0	0	0	0
Utah	31	28	13.2%	30	25	1	2	0	0	0	0
Wyoming	42	42	0.2%	42	42	0	0	0	0	0	0
Pacific Contiguous	79	95	-16.4%	NM	44	13	10	6	5	11	35
California	52	72	-27.9%	30	30	6	6	6	4	9	32
Oregon	NM	0	NM	0	0	0	0	NM	0	0	0
Washington	NM	23	NM	NM	15	7	4	0	0	2	3
Pacific Noncontiguous	7,264	7,355	-1.2%	5,778	5,788	1,282	1,370	6	6	198	191
Alaska	897	794	12.9%	846	749	0	0	2	1	49	44
Hawaii	6,367	6,561	-3.0%	4,932	5,040	1,282	1,370	4	4	150	147
U.S. Total	10,636	10,477	1.5%	7,716	7,555	2,414	2,400	69	70	438	453

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

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 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	127	86	46.4%	62	58	NM	17	0	0	14	11
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	76	70	9.0%	62	58	0	0	0	0	14	11
Ohio	NM	17	NM	0	0	NM	17	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	29	47	-39.6%	23	42	0	0	0	0	6	6
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	23	42	-44.2%	23	42	0	0	0	0	0	0
Georgia	6	6	-7.5%	0	0	0	0	0	0	6	6
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	4	3	30.1%	0	0	0	0	0	0	4	3
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	4	3	30.1%	0	0	0	0	0	0	4	3
Mountain	22	42	-47.3%	0	0	22	42	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	22	42	-47.3%	0	0	22	42	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	182	179	1.5%	85	100	NM	59	0	0	24	21

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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 1.6.B. Utility Scale Facility Net Generation from Petroleum Coke

by State, by Sector, Year-to-Date through November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 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	2,029	2,040	-0.5%	1,154	1,049	743	845	0	0	131	147
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	1,282	1,152	11.3%	1,151	1,007	0	0	0	0	131	145
Ohio	744	846	-12.1%	0	0	743	845	0	0	1	1
Wisconsin	3	42	-92.6%	3	42	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	624	959	-35.0%	608	908	0	0	0	0	16	52
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	608	908	-33.0%	608	908	0	0	0	0	0	0
Georgia	16	52	-69.5%	0	0	0	0	0	0	16	52
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	-100.0%	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	-100.0%	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	89	1,077	-91.7%	37	1,023	0	0	0	0	52	54
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	37	1,023	-96.4%	37	1,023	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	52	54	-3.1%	0	0	0	0	0	0	52	54
Mountain	333	440	-24.3%	0	0	333	440	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	333	440	-24.3%	0	0	333	440	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	3,079	4,518	-31.9%	1,799	2,979	1,076	1,285	3	1	200	252

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

Table 1.7.A. Utility Scale Facility Net Generation from Natural Gas
by State, by Sector, November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	4,747	4,534	4.7%	NM	10	4,553	4,343	86	81	94	99
Connecticut	2,355	2,037	15.6%	2	4	2,276	1,958	23	24	54	51
Maine	254	418	-39.3%	0	0	237	394	2	2	14	22
Massachusetts	1,444	1,096	31.7%	NM	7	1,364	1,028	57	50	12	11
New Hampshire	13	202	-93.7%	0	0	10	198	1	1	2	3
Rhode Island	682	781	-12.6%	0	0	667	765	2	3	13	13
Vermont	0	0	-42.5%	0	0	0	0	0	0	0	0
Middle Atlantic	18,161	17,476	3.9%	988	961	16,720	16,088	96	97	358	330
New Jersey	2,406	2,997	-19.7%	NM	14	2,344	2,923	19	25	35	36
New York	4,873	4,976	-2.1%	977	946	3,780	3,926	64	58	51	46
Pennsylvania	10,882	9,502	14.5%	2	2	10,595	9,239	14	14	271	248
East North Central	17,577	17,393	1.1%	6,953	5,391	10,158	11,498	125	118	341	385
Illinois	1,786	2,195	-18.6%	234	220	1,450	1,883	32	31	70	62
Indiana	2,817	2,705	4.2%	1,372	948	1,326	1,556	17	16	103	185
Michigan	4,110	4,104	0.1%	2,584	1,897	1,424	2,115	52	49	49	43
Ohio	6,880	6,363	8.1%	874	380	5,958	5,945	18	17	31	21
Wisconsin	1,984	2,026	-2.1%	1,889	1,946	0	0	6	5	88	75
West North Central	3,131	3,020	3.7%	2,462	2,417	503	458	26	27	140	119
Iowa	554	626	-11.5%	481	558	0	0	10	10	63	58
Kansas	425	300	41.8%	396	281	0	0	0	0	29	19
Minnesota	1,184	1,125	5.2%	701	712	437	374	9	7	37	32
Missouri	524	513	2.3%	449	415	66	84	7	10	3	3
Nebraska	73	70	4.6%	NM	68	0	0	1	0	2	2
North Dakota	219	216	1.3%	218	216	0	0	0	0	1	1
South Dakota	150	170	-11.4%	146	167	0	0	0	0	4	3
South Atlantic	30,987	29,247	5.9%	25,691	23,709	4,811	5,052	60	52	425	435
Delaware	253	248	2.1%	7	1	161	160	0	0	85	88
District of Columbia	9	4	114.6%	0	0	0	0	9	4	0	0
Florida	15,306	13,902	10.1%	14,316	13,157	867	627	NM	8	113	111
Georgia	4,278	3,977	7.6%	3,548	3,089	665	821	0	0	65	67
Maryland	792	1,267	-37.5%	80	237	681	998	27	28	5	5
North Carolina	4,146	4,057	2.2%	3,673	3,303	450	727	NM	12	10	15
South Carolina	1,561	1,785	-12.6%	1,501	1,740	49	33	0	0	11	12
Virginia	4,177	3,563	17.2%	2,416	2,104	1,680	1,384	3	0	78	75
West Virginia	465	444	4.8%	149	78	258	303	0	0	58	62
East South Central	11,566	10,705	8.0%	8,274	7,131	2,987	3,271	15	15	288	287
Alabama	5,104	5,514	-7.4%	1,998	2,148	2,982	3,219	0	0	124	146
Kentucky	1,094	1,189	-8.0%	1,068	1,120	5	52	0	0	21	18
Mississippi	4,023	2,794	44.0%	3,976	2,760	1	0	0	0	46	34
Tennessee	1,345	1,209	11.2%	1,232	1,103	0	0	15	15	97	90
West South Central	30,612	30,377	0.8%	11,666	11,037	13,770	13,589	63	65	5,114	5,687
Arkansas	1,645	1,465	12.3%	1,627	1,387	0	53	NM	2	NM	23
Louisiana	5,742	6,480	-11.4%	3,661	3,875	335	279	NM	16	1,742	2,310
Oklahoma	3,402	2,785	22.1%	2,011	1,875	1,352	853	0	0	38	57
Texas	19,823	19,648	0.9%	4,366	3,900	12,083	12,404	NM	46	3,318	3,298
Mountain	9,489	9,929	-4.4%	7,554	7,858	1,759	1,899	33	36	143	136
Arizona	3,978	3,971	0.2%	2,783	2,770	1,185	1,190	10	11	0	0
Colorado	1,442	1,396	3.3%	1,203	1,223	225	158	0	0	13	15
Idaho	492	516	-4.7%	337	353	136	149	3	3	16	11
Montana	109	95	14.9%	101	83	8	12	0	0	NM	0
Nevada	1,611	1,706	-5.5%	1,567	1,636	10	31	4	5	30	34
New Mexico	579	1,136	-49.1%	376	777	189	351	NM	9	6	0
Utah	800	904	-11.5%	765	869	NM	9	8	8	21	19
Wyoming	479	205	133.1%	422	148	0	0	0	0	57	57
Pacific Contiguous	10,541	12,394	-15.0%	4,937	4,942	4,680	6,536	115	113	809	802
California	6,941	8,662	-19.9%	2,713	2,545	3,393	5,285	111	113	723	719
Oregon	2,170	1,932	12.3%	1,106	1,172	1,049	752	3	0	13	9
Washington	1,430	1,800	-20.6%	1,117	1,225	238	500	1	0	73	75
Pacific Noncontiguous	216	283	-23.5%	212	276	0	0	0	0	5	6
Alaska	216	283	-23.5%	212	276	0	0	0	0	5	6
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	137,026	135,358	1.2%	68,749	63,733	59,942	62,734	619	604	7,717	8,287

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Notes: See Glossary for definitions. Values for 2024 are preliminary. Values for 2023 are final. 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 November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	53,890	52,565	2.5%	207	117	51,598	50,395	1,018	940	1,067	1,113
Connecticut	23,787	22,503	5.7%	33	38	22,881	21,636	267	254	605	575
Maine	3,965	3,597	10.2%	0	0	3,791	3,360	29	28	144	208
Massachusetts	14,113	13,381	5.5%	173	79	13,117	12,542	678	605	145	154
New Hampshire	4,213	3,999	5.4%	0	0	4,179	3,963	12	12	22	25
Rhode Island	7,811	9,085	-14.0%	0	0	7,629	8,895	31	40	151	150
Vermont	1	1	-17.5%	0	0	0	0	0	1	0	0
Middle Atlantic	219,967	211,581	4.0%	12,292	11,033	202,682	195,846	1,136	1,068	3,857	3,634
New Jersey	28,377	30,517	-7.0%	173	154	27,591	29,761	231	219	382	383
New York	58,695	53,288	10.1%	12,095	10,862	45,252	41,211	771	697	577	518
Pennsylvania	132,895	127,777	4.0%	24	17	129,839	124,874	134	152	2,898	2,733
East North Central	218,398	202,129	8.0%	82,838	75,270	129,557	121,074	1,473	1,439	4,530	4,346
Illinois	29,345	26,182	12.1%	3,605	2,420	24,514	22,599	392	383	834	781
Indiana	35,144	31,846	10.4%	17,019	14,514	16,000	15,149	192	191	1,932	1,992
Michigan	51,966	49,308	5.4%	28,822	27,759	22,022	20,465	583	571	539	513
Ohio	77,483	71,418	8.5%	9,920	8,078	67,021	62,861	255	240	287	239
Wisconsin	24,461	23,374	4.7%	23,472	22,499	0	0	51	55	938	820
West North Central	43,960	40,212	9.3%	35,526	31,943	6,649	6,640	337	333	1,448	1,297
Iowa	8,489	9,376	-9.5%	7,726	8,707	NM	0	110	102	653	567
Kansas	5,328	4,110	29.6%	5,023	3,800	0	0	0	0	305	310
Minnesota	14,255	12,341	15.5%	9,286	7,834	4,490	4,075	90	98	389	334
Missouri	9,638	8,543	12.8%	7,316	5,810	2,158	2,565	131	132	33	36
Nebraska	1,551	1,334	16.3%	1,533	1,328	0	0	6	1	13	4
North Dakota	2,632	2,589	1.7%	2,619	2,581	0	0	0	0	13	7
South Dakota	2,066	1,920	7.6%	2,024	1,882	0	0	0	0	42	38
South Atlantic	392,220	375,778	4.4%	328,695	315,747	58,167	54,750	642	615	4,716	4,666
Delaware	3,828	4,057	-5.6%	64	16	2,916	3,055	0	0	848	986
District of Columbia	98	85	15.1%	0	0	0	0	98	85	0	0
Florida	190,246	183,329	3.8%	180,123	173,903	8,762	7,993	105	97	1,256	1,336
Georgia	53,599	55,195	-2.9%	43,475	44,877	9,260	9,623	0	0	864	695
Maryland	13,256	14,256	-7.0%	2,802	4,090	10,115	9,815	286	296	53	54
North Carolina	51,040	47,756	6.9%	43,325	39,778	7,457	7,713	133	122	125	142
South Carolina	20,939	21,890	-4.3%	20,173	21,330	633	424	0	0	134	136
Virginia	55,566	45,876	21.1%	38,260	31,278	16,469	13,837	21	15	816	746
West Virginia	3,648	3,334	9.4%	473	474	2,554	2,290	0	0	621	571
East South Central	143,509	133,900	7.2%	110,756	97,221	29,297	33,394	177	179	3,279	3,106
Alabama	59,411	55,845	6.4%	29,114	21,458	28,826	32,958	0	0	1,472	1,430
Kentucky	15,965	13,796	15.7%	15,306	13,181	464	430	0	0	195	185
Mississippi	53,035	50,446	5.1%	52,527	49,924	NM	7	0	0	501	515
Tennessee	15,098	13,813	9.3%	13,810	12,658	0	0	177	179	1,112	976
West South Central	405,132	396,306	2.2%	154,585	147,019	190,518	187,507	873	737	59,155	61,043
Arkansas	21,272	24,297	-12.4%	20,062	23,017	984	1,090	33	34	193	155
Louisiana	69,473	68,432	1.5%	43,815	40,540	4,021	4,433	56	76	21,581	23,383
Oklahoma	44,583	41,754	6.8%	30,355	27,904	13,794	13,376	0	-1	434	476
Texas	269,803	261,823	3.0%	60,352	55,558	171,719	168,608	784	629	36,948	37,028
Mountain	122,979	118,504	3.8%	98,091	92,907	22,811	23,640	397	392	1,679	1,566
Arizona	50,730	48,755	4.1%	35,626	33,739	14,977	14,896	126	120	0	0
Colorado	16,478	15,699	5.0%	13,941	13,537	2,374	2,007	5	2	158	153
Idaho	5,273	5,044	4.6%	3,520	3,263	1,554	1,628	36	36	164	117
Montana	986	898	9.8%	806	802	179	95	0	0	NM	1
Nevada	23,177	22,445	3.3%	21,594	20,816	1,081	1,104	58	60	443	465
New Mexico	10,904	12,982	-16.0%	8,191	9,013	2,554	3,809	90	96	69	63
Utah	10,535	10,776	-2.2%	10,157	10,470	90	101	83	78	204	128
Wyoming	4,897	1,906	156.9%	4,256	1,267	1	1	0	0	640	639
Pacific Contiguous	117,035	122,431	-4.4%	48,349	48,702	58,281	63,496	1,339	1,355	9,066	8,878
California	78,608	83,708	-6.1%	25,532	25,000	43,638	49,352	1,285	1,320	8,154	8,036
Oregon	21,999	21,105	4.2%	11,430	11,847	10,408	9,122	48	34	114	102
Washington	16,428	17,618	-6.8%	11,387	11,855	4,236	5,022	6	1	798	740
Pacific Noncontiguous	2,631	2,859	-8.0%	2,595	2,796	0	0	0	0	36	63
Alaska	2,631	2,859	-8.0%	2,595	2,796	0	0	0	0	36	63
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,719,722	1,656,265	3.8%	873,936	822,754	749,561	736,741	7,392	7,058	88,834	89,712

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 for 2024 are preliminary. Values for 2023 are final. 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-November 2024
(Thousand Megawatthours)**

	Natural Gas					
Period	Natural Gas Fired Combined Cycle	Natural Gas Fired Combustion Turbine	Steam Turbine	Internal Combustion Engine	Natural Gas Other	Total
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	144,656	109,056	9,175	2,250	1,687,065
2023	1,525,018	146,753	121,804	10,197	2,291	1,806,063
Year 2022						
January	116,628	10,585	6,918	661	155	134,948
February	100,075	8,168	6,006	560	137	114,945
March	98,525	7,804	5,440	569	139	112,477
April	90,511	8,777	5,507	569	142	105,506
May	105,644	11,917	8,740	648	142	127,091
June	126,835	15,689	12,016	798	179	155,517
July	151,829	19,376	16,583	1,005	250	189,042
August	155,761	17,798	13,937	1,085	280	188,860
Sept	133,059	12,861	9,909	901	219	156,948
October	114,000	9,835	8,687	770	200	133,492
November	108,068	10,407	8,079	775	194	127,523
December	120,993	11,440	7,234	834	215	140,716
Year 2023						
January	122,408	8,966	6,137	796	32	138,339
February	110,418	8,005	5,754	689	26	124,892
March	115,514	10,116	7,067	830	30	133,558
April	100,466	10,499	8,218	666	29	119,878
May	115,001	11,992	9,591	681	29	137,296
June	134,156	14,119	12,661	884	30	161,851
July	161,249	18,855	18,033	1,122	30	199,289
August	161,351	18,567	17,883	1,169	30	199,000
Sept	139,729	12,811	12,652	930	28	166,151
October	117,505	12,314	9,985	823	28	140,655
November	115,751	10,748	8,039	794	26	135,358
December	131,470	9,761	5,784	812	1,972	149,798
Year 2024						
January	138,946	11,963	8,391	872	3	160,174
February	114,825	8,893	6,560	708	3	130,989
March	110,777	10,622	8,432	775	3	130,609
April	98,471	12,771	9,449	710	6	121,406
May	117,008	13,577	12,194	836	6	143,621
June	137,012	15,520	15,824	953	6	169,315
July	162,758	23,867	19,803	1,298	9	207,735
August	160,647	21,610	19,558	1,266	13	203,094
Sept	140,751	14,624	13,042	958	6	169,382
October	119,482	14,056	12,009	817	6	146,370
November	113,604	12,828	9,713	878	4	137,026

Values for 2023 and prior years are final. Values for 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 Fossil Gas
by State, by Sector, November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 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	43	57	-23.7%	0	0	0	0	0	0	43	57
New Jersey	10	10	0.0%	0	0	0	0	0	0	10	10
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	33	47	-28.6%	0	0	0	0	0	0	33	47
East North Central	256	418	-38.8%	0	0	105	182	0	0	151	236
Illinois	17	21	-18.0%	0	0	0	0	0	0	17	21
Indiana	115	207	-44.4%	0	0	0	0	0	0	115	207
Michigan	61	134	-54.7%	0	0	61	134	0	0	0	0
Ohio	63	56	12.7%	0	0	44	48	0	0	19	8
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	2	2	24.7%	0	0	0	0	0	0	2	2
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	2	24.7%	0	0	0	0	0	0	2	2
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	15	11	30.3%	0	0	0	0	0	0	15	11
Delaware	12	10	22.4%	0	0	0	0	0	0	12	10
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	-37.1%	0	0	0	0	0	0	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	3	1	85.4%	0	0	0	0	0	0	3	1
East South Central	1	1	33.4%	0	0	0	0	0	0	1	1
Alabama	0	0	-100.0%	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	1	1	33.9%	0	0	0	0	0	0	1	1
West South Central	298	304	-2.1%	0	0	103	79	0	0	195	225
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	107	148	-27.8%	0	0	0	0	0	0	107	148
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	190	156	22.4%	0	0	103	79	0	0	88	77
Mountain	30	35	-14.3%	0	0	0	1	0	0	30	35
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	1	-43.1%	0	0	0	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	-97.6%	0	0	0	0	0	0	0	0
Wyoming	30	35	-13.7%	0	0	0	0	0	0	30	35
Pacific Contiguous	113	131	-13.6%	0	0	0	0	0	0	113	131
California	92	110	-16.5%	0	0	0	0	0	0	92	110
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	21	21	0.8%	0	0	0	0	0	0	21	21
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	758	959	-20.9%	0	0	208	262	0	0	550	697

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 for 2024 are preliminary. Values for 2023 are final. 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 Fossil Gas

by State, by Sector, Year-to-Date through November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 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	464	675	-31.3%	0	0	24	22	0	0	440	653
New Jersey	152	141	7.7%	0	0	24	22	0	0	129	120
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	312	534	-41.6%	0	0	0	0	0	0	312	534
East North Central	3,082	4,269	-27.8%	0	0	1,280	1,854	0	0	1,802	2,414
Illinois	157	231	-32.2%	0	0	0	0	0	0	157	231
Indiana	1,441	2,062	-30.1%	0	0	0	0	0	0	1,441	2,062
Michigan	886	1,255	-29.4%	0	0	886	1,255	0	0	0	0
Ohio	598	720	-17.0%	0	0	394	599	0	0	204	121
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	26	22	16.2%	0	0	0	0	0	0	26	22
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	26	22	16.2%	0	0	0	0	0	0	26	22
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	243	191	27.1%	0	0	0	0	0	0	243	191
Delaware	207	160	28.9%	0	0	0	0	0	0	207	160
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	0	0	39.9%	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	36	31	17.5%	0	0	0	0	0	0	36	31
East South Central	10	10	3.9%	0	0	0	0	0	0	10	10
Alabama	NM	0	NM	0	0	0	0	0	0	NM	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	10	10	3.6%	0	0	0	0	0	0	10	10
West South Central	3,379	3,728	-9.3%	0	0	1,242	1,138	0	0	2,138	2,589
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,174	1,648	-28.8%	0	0	0	0	0	0	1,174	1,648
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	2,205	2,080	6.0%	0	0	1,242	1,138	0	0	964	942
Mountain	297	332	-10.5%	0	0	5	9	0	0	292	323
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	5	9	-47.4%	0	0	5	9	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	3	-53.0%	0	0	0	0	0	0	1	3
Wyoming	291	320	-9.1%	0	0	0	0	0	0	291	320
Pacific Contiguous	1,310	1,489	-12.0%	0	0	0	0	0	0	1,310	1,489
California	1,111	1,272	-12.7%	0	0	0	0	0	0	1,111	1,272
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	200	217	-7.9%	0	0	0	0	0	0	200	217
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	8,812	10,716	-17.8%	0	0	2,550	3,023	0	0	6,262	7,692

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 for 2024 are preliminary. Values for 2023 are final. 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, November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	1,837	1,520	20.8%	0	0	1,837	1,520	0	0	0	0
Connecticut	1,321	625	111.4%	0	0	1,321	625	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	516	895	-42.4%	0	0	516	895	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	10,268	10,900	-5.8%	0	0	10,268	10,900	0	0	0	0
New Jersey	1,766	2,200	-19.7%	0	0	1,766	2,200	0	0	0	0
New York	2,342	2,378	-1.5%	0	0	2,342	2,378	0	0	0	0
Pennsylvania	6,160	6,321	-2.5%	0	0	6,160	6,321	0	0	0	0
East North Central	13,073	12,695	3.0%	2,465	2,050	10,608	10,645	0	0	0	0
Illinois	8,201	8,219	-0.2%	0	0	8,201	8,219	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	2,465	2,050	20.3%	2,465	2,050	0	0	0	0	0	0
Ohio	1,566	1,580	-0.9%	0	0	1,566	1,580	0	0	0	0
Wisconsin	841	845	-0.5%	0	0	841	845	0	0	0	0
West North Central	2,996	2,614	14.6%	2,996	2,614	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	884	884	-0.1%	884	884	0	0	0	0	0	0
Minnesota	740	474	56.1%	740	474	0	0	0	0	0	0
Missouri	887	680	30.5%	887	680	0	0	0	0	0	0
Nebraska	485	575	-15.7%	485	575	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	17,010	18,057	-5.8%	15,726	16,842	1,284	1,215	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	2,272	2,423	-6.2%	2,272	2,423	0	0	0	0	0	0
Georgia	3,750	3,579	4.8%	3,750	3,579	0	0	0	0	0	0
Maryland	1,284	1,215	5.7%	0	0	1,284	1,215	0	0	0	0
North Carolina	3,803	3,781	0.6%	3,803	3,781	0	0	0	0	0	0
South Carolina	3,867	4,397	-12.1%	3,867	4,397	0	0	0	0	0	0
Virginia	2,034	2,662	-23.6%	2,034	2,662	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	6,304	7,324	-13.9%	6,304	7,324	0	0	0	0	0	0
Alabama	4,015	3,665	9.5%	4,015	3,665	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	579	1,021	-43.3%	579	1,021	0	0	0	0	0	0
Tennessee	1,710	2,638	-35.2%	1,710	2,638	0	0	0	0	0	0
West South Central	5,501	4,817	14.2%	2,821	1,558	2,680	3,258	0	0	0	0
Arkansas	1,337	1,343	-0.4%	1,337	1,343	0	0	0	0	0	0
Louisiana	1,484	216	588.1%	1,484	216	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	2,680	3,258	-17.8%	0	0	2,680	3,258	0	0	0	0
Mountain	2,461	2,448	0.5%	2,461	2,448	0	0	0	0	0	0
Arizona	2,461	2,448	0.5%	2,461	2,448	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	2,454	1,884	30.2%	2,454	1,884	0	0	0	0	0	0
California	1,632	1,069	52.7%	1,632	1,069	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	822	815	0.8%	822	815	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	61,904	62,258	-0.6%	35,228	34,719	26,676	27,538	0	0	0	0

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NM = Not meaningful due to large relative standard error or excessive percentage change.
Notes: See Glossary for definitions. Values for 2024 are preliminary. Values for 2023 are final. 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 November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	24,119	21,026	14.7%	0	0	24,119	21,026	0	0	0	0
Connecticut	15,308	12,420	23.3%	0	0	15,308	12,420	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	8,811	8,606	2.4%	0	0	8,811	8,606	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	118,106	119,477	-1.1%	0	0	118,106	119,477	0	0	0	0
New Jersey	25,021	25,897	-3.4%	0	0	25,021	25,897	0	0	0	0
New York	24,644	25,073	-1.7%	0	0	24,644	25,073	0	0	0	0
Pennsylvania	68,442	68,506	-0.1%	0	0	68,442	68,506	0	0	0	0
East North Central	139,659	137,559	1.5%	23,708	25,470	115,951	112,090	0	0	0	0
Illinois	90,330	88,728	1.8%	0	0	90,330	88,728	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	23,708	25,470	-6.9%	23,708	25,470	0	0	0	0	0	0
Ohio	16,372	14,576	12.3%	0	0	16,372	14,576	0	0	0	0
Wisconsin	9,250	8,785	5.3%	0	0	9,250	8,785	0	0	0	0
West North Central	34,029	35,431	-4.0%	34,029	35,431	0	0	0	0	0	0
Iowa	0	0	--	0	0	0	0	0	0	0	0
Kansas	8,291	9,388	-11.7%	8,291	9,388	0	0	0	0	0	0
Minnesota	10,638	11,457	-7.1%	10,638	11,457	0	0	0	0	0	0
Missouri	9,602	8,260	16.3%	9,602	8,260	0	0	0	0	0	0
Nebraska	5,497	6,326	-13.1%	5,497	6,326	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	197,849	190,856	3.7%	184,424	177,217	13,426	13,639	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	26,308	27,391	-4.0%	26,308	27,391	0	0	0	0	0	0
Georgia	43,490	33,654	29.2%	43,490	33,654	0	0	0	0	0	0
Maryland	13,426	13,639	-1.6%	0	0	13,426	13,639	0	0	0	0
North Carolina	39,413	38,410	2.6%	39,413	38,410	0	0	0	0	0	0
South Carolina	48,867	50,599	-3.4%	48,867	50,599	0	0	0	0	0	0
Virginia	26,347	27,163	-3.0%	26,347	27,163	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	79,763	87,066	-8.4%	79,763	87,066	0	0	0	0	0	0
Alabama	40,295	41,398	-2.7%	40,295	41,398	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	9,642	11,233	-14.2%	9,642	11,233	0	0	0	0	0	0
Tennessee	29,827	34,435	-13.4%	29,827	34,435	0	0	0	0	0	0
West South Central	61,686	62,108	-0.7%	26,857	25,216	34,828	36,893	0	0	0	0
Arkansas	13,488	13,633	-1.1%	13,488	13,633	0	0	0	0	0	0
Louisiana	13,369	11,583	15.4%	13,369	11,583	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	34,828	36,893	-5.6%	0	0	34,828	36,893	0	0	0	0
Mountain	29,406	28,536	3.0%	29,406	28,536	0	0	0	0	0	0
Arizona	29,406	28,536	3.0%	29,406	28,536	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	25,824	23,958	7.8%	25,824	23,958	0	0	0	0	0	0
California	16,697	16,339	2.2%	16,697	16,339	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	9,127	7,619	19.8%	9,127	7,619	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	710,443	706,019	0.6%	404,012	402,894	306,431	303,124	0	0	0	0

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

Table 1.10.A. Utility Scale Facility Net Generation from Hydroelectric (Conventional) Power by State, by Sector, November 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	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	630	617	2.1%	61	72	562	539	0	0	NM	6
Connecticut	33	34	-3.3%	NM	3	32	31	0	0	0	0
Maine	280	263	6.2%	NM	0	272	257	0	0	NM	6
Massachusetts	91	93	-1.5%	22	26	69	67	0	0	0	0
New Hampshire	114	106	8.2%	NM	1	113	105	0	0	0	0
Rhode Island	NM	0	NM	0	0	NM	0	0	0	0	0
Vermont	112	121	-7.9%	36	42	75	79	0	0	0	0
Middle Atlantic	2,430	2,488	-2.3%	1,871	1,977	556	506	0	0	NM	5
New Jersey	0	1	-100.0%	0	0	0	1	0	0	0	0
New York	2,228	2,318	-3.9%	1,868	1,974	358	339	0	0	NM	5
Pennsylvania	202	170	18.8%	3	3	199	166	0	0	0	0
East North Central	367	360	1.9%	324	315	32	37	NM	0	11	8
Illinois	NM	8	NM	NM	5	NM	2	0	0	0	0
Indiana	34	41	-17.7%	33	41	0	0	NM	0	0	0
Michigan	121	104	16.4%	116	98	NM	5	0	0	NM	NM
Ohio	37	58	-37.0%	21	38	NM	21	0	0	0	0
Wisconsin	169	149	13.7%	150	133	NM	9	0	0	10	7
West North Central	836	813	2.8%	815	792	17	17	0	0	4	4
Iowa	78	65	19.5%	78	65	1	0	0	0	0	0
Kansas	1	1	37.3%	0	0	1	1	0	0	0	0
Minnesota	64	74	-13.6%	44	53	NM	16	0	0	4	4
Missouri	54	21	153.5%	54	21	0	0	0	0	0	0
Nebraska	99	90	10.6%	99	90	0	0	0	0	0	0
North Dakota	183	158	16.2%	183	158	0	0	0	0	0	0
South Dakota	357	405	-11.9%	357	405	0	0	0	0	0	0
South Atlantic	905	694	30.4%	746	479	124	199	0	0	34	15
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	NM	12	NM	NM	12	0	0	0	0	0	0
Georgia	213	143	48.4%	211	142	NM	0	0	0	NM	1
Maryland	39	108	-64.0%	0	0	39	108	0	0	0	0
North Carolina	293	194	51.0%	245	155	48	39	0	0	NM	0
South Carolina	157	68	129.8%	153	67	NM	2	0	0	0	0
Virginia	74	43	72.8%	67	40	NM	3	0	0	0	0
West Virginia	112	124	-9.8%	54	62	26	47	0	0	33	14
East South Central	1,481	1,231	20.3%	1,431	1,183	50	48	0	0	0	0
Alabama	590	394	49.6%	590	394	0	0	0	0	0	0
Kentucky	311	308	1.0%	311	308	NM	1	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	580	528	9.7%	531	481	49	48	0	0	0	0
West South Central	431	208	107.9%	372	183	59	24	NM	0	0	0
Arkansas	224	115	94.3%	220	111	NM	5	0	0	0	0
Louisiana	52	16	222.7%	0	0	52	16	0	0	0	0
Oklahoma	104	50	109.6%	104	50	0	0	0	0	0	0
Texas	50	26	93.4%	48	23	2	3	NM	0	0	0
Mountain	2,241	1,480	51.4%	2,128	1,445	107	33	NM	2	0	0
Arizona	342	384	-10.9%	342	384	0	0	0	0	0	0
Colorado	126	42	198.8%	106	34	NM	8	0	1	0	0
Idaho	714	360	98.3%	644	347	69	13	0	0	0	0
Montana	754	554	36.1%	743	548	NM	5	0	0	0	0
Nevada	144	83	73.3%	138	78	NM	5	0	0	0	0
New Mexico	NM	-28	NM	NM	-28	0	0	0	0	0	0
Utah	67	51	32.2%	61	48	1	1	NM	2	0	0
Wyoming	77	34	127.1%	77	34	0	0	0	0	0	0
Pacific Contiguous	8,789	8,991	-2.2%	8,676	8,888	112	104	NM	0	NM	0
California	1,208	1,599	-24.4%	1,137	1,525	71	74	NM	0	0	0
Oregon	2,373	2,309	2.8%	2,354	2,296	NM	13	0	0	0	0
Washington	5,208	5,083	2.4%	5,186	5,067	NM	17	0	0	NM	0
Pacific Noncontiguous	167	143	16.5%	139	119	5	1	NM	18	NM	6
Alaska	156	137	14.3%	139	119	0	0	NM	18	0	0
Hawaii	11	7	62.4%	0	0	5	1	0	0	NM	6
U.S. Total	18,277	17,026	7.3%	16,565	15,453	1,624	1,507	24	22	64	45

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

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

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

	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			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
Census Division and State	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	7,924	7,818	1.4%	809	790	7,024	6,936	3	4	88	88
Connecticut	431	419	2.8%	31	36	400	383	0	0	0	0
Maine	3,465	3,512	-1.3%	NM	4	3,372	3,419	0	0	88	88
Massachusetts	1,154	1,056	9.3%	285	277	866	775	3	4	0	0
New Hampshire	1,463	1,429	2.4%	NM	16	1,448	1,414	0	0	0	0
Rhode Island	NM	7	NM	0	0	NM	7	0	0	0	0
Vermont	1,404	1,394	0.7%	474	456	931	938	0	0	0	0
Middle Atlantic	28,714	28,303	1.4%	21,660	21,499	7,001	6,745	3	5	50	55
New Jersey	4	11	-67.7%	0	0	4	11	0	0	0	0
New York	26,102	25,841	1.0%	21,583	21,438	4,465	4,344	3	5	50	55
Pennsylvania	2,608	2,451	6.4%	76	61	2,532	2,390	0	0	0	0
East North Central	3,887	3,990	-2.6%	3,412	3,528	364	360	NM	5	105	97
Illinois	68	83	-18.1%	42	58	26	25	0	0	0	0
Indiana	422	418	1.0%	417	413	0	0	NM	5	0	0
Michigan	1,219	1,280	-4.7%	1,160	1,220	52	51	0	0	NM	9
Ohio	463	438	5.9%	268	249	195	188	0	0	0	0
Wisconsin	1,714	1,771	-3.2%	1,525	1,588	91	95	0	0	98	88
West North Central	9,063	9,470	-4.3%	8,813	9,239	182	179	0	0	68	53
Iowa	863	887	-2.8%	858	883	5	4	0	0	0	0
Kansas	19	13	49.8%	0	0	19	13	0	0	0	0
Minnesota	675	675	-0.1%	449	461	158	162	0	0	68	53
Missouri	815	759	7.3%	815	759	0	0	0	0	0	0
Nebraska	1,011	1,077	-6.1%	1,011	1,077	0	0	0	0	0	0
North Dakota	1,863	1,957	-4.8%	1,863	1,957	0	0	0	0	0	0
South Dakota	3,818	4,101	-6.9%	3,818	4,101	0	0	0	0	0	0
South Atlantic	13,557	13,099	3.5%	10,316	9,989	2,798	2,683	12	10	430	417
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	204	208	-1.6%	204	208	0	0	0	0	0	0
Georgia	2,785	2,678	4.0%	2,758	2,664	NM	6	0	0	NM	8
Maryland	1,685	1,593	5.8%	0	0	1,685	1,593	0	0	0	0
North Carolina	4,194	3,886	7.9%	3,560	3,262	620	615	10	9	NM	0
South Carolina	2,204	2,064	6.8%	2,150	2,010	52	53	2	2	0	0
Virginia	1,079	1,298	-16.9%	979	1,200	100	98	0	0	0	0
West Virginia	1,405	1,372	2.4%	665	645	330	317	0	0	410	409
East South Central	19,064	18,954	0.6%	18,429	18,326	635	628	0	0	0	0
Alabama	8,052	7,956	1.2%	8,052	7,956	0	0	0	0	0	0
Kentucky	3,614	3,556	1.6%	3,604	3,545	NM	11	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	7,397	7,442	-0.6%	6,773	6,824	624	618	0	0	0	0
West South Central	5,940	5,891	0.8%	5,182	5,113	752	778	NM	0	0	0
Arkansas	3,003	3,069	-2.2%	2,942	3,018	61	52	0	0	0	0
Louisiana	658	686	-4.2%	0	0	658	686	0	0	0	0
Oklahoma	1,414	1,395	1.4%	1,414	1,395	0	0	0	0	0	0
Texas	865	739	17.0%	826	700	33	40	NM	0	0	0
Mountain	24,624	26,124	-5.7%	23,441	24,870	1,123	1,193	60	61	0	0
Arizona	4,846	5,574	-13.1%	4,846	5,574	0	0	0	0	0	0
Colorado	1,452	1,549	-6.3%	1,234	1,334	205	203	14	13	0	0
Idaho	7,410	7,936	-6.6%	6,684	7,147	726	789	0	0	0	0
Montana	7,756	8,074	-3.9%	7,651	7,960	106	114	0	0	0	0
Nevada	1,473	1,257	17.1%	1,405	1,189	67	68	0	0	0	0
New Mexico	172	150	14.5%	172	150	0	0	0	0	0	0
Utah	700	702	-0.3%	645	643	9	11	46	48	0	0
Wyoming	815	882	-7.6%	805	873	10	9	0	0	0	0
Pacific Contiguous	107,357	110,621	-3.0%	105,230	108,470	2,111	2,138	NM	13	NM	0
California	29,294	30,668	-4.5%	27,603	28,877	1,676	1,779	NM	13	0	0
Oregon	23,410	23,840	-1.8%	23,211	23,638	199	202	0	0	0	0
Washington	54,653	56,113	-2.6%	54,416	55,955	236	158	0	0	NM	0
Pacific Noncontiguous	1,674	1,706	-1.9%	1,415	1,454	29	18	169	172	60	62
Alaska	1,580	1,621	-2.5%	1,411	1,449	0	0	169	172	0	0
Hawaii	94	85	10.1%	4	5	29	18	0	0	60	62
U.S. Total	221,803	225,975	-1.8%	198,708	203,275	22,020	21,657	273	270	802	772

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 for 2024 are preliminary. Values for 2023 are final. 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, November 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	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	1,062	989	7.4%	52	44	907	846	46	44	58	54
Connecticut	82	81	2.0%	0	0	81	80	NM	NM	NM	0
Maine	486	421	15.4%	0	0	428	367	0	0	57	54
Massachusetts	220	233	-5.5%	9	9	170	184	41	40	NM	0
New Hampshire	126	106	19.6%	0	0	123	103	4	2	0	0
Rhode Island	56	71	-21.0%	0	0	55	70	1	1	0	0
Vermont	91	78	17.9%	42	35	49	42	0	0	0	0
Middle Atlantic	1,768	1,561	13.3%	7	39	1,603	1,376	115	111	43	36
New Jersey	150	154	-2.5%	7	8	105	109	37	37	NM	0
New York	1,041	894	16.4%	0	31	967	793	59	57	15	14
Pennsylvania	577	513	12.6%	0	0	531	474	18	17	28	22
East North Central	5,974	5,722	4.4%	918	927	4,943	4,674	11	13	102	107
Illinois	2,675	2,479	7.9%	9	7	2,665	2,471	NM	0	NM	NM
Indiana	1,164	1,137	2.4%	94	92	1,067	1,041	0	0	4	3
Michigan	1,227	1,259	-2.5%	580	597	590	604	4	4	53	54
Ohio	545	481	13.4%	NM	1	521	455	1	1	22	23
Wisconsin	362	366	-1.1%	234	230	101	103	5	8	22	26
West North Central	12,341	12,556	-1.7%	4,707	4,899	7,541	7,576	20	16	74	65
Iowa	4,096	4,244	-3.5%	2,930	3,053	1,161	1,184	1	1	5	6
Kansas	2,682	2,467	8.7%	263	228	2,417	2,237	NM	1	NM	1
Minnesota	1,567	1,687	-7.1%	587	647	901	975	12	9	66	56
Missouri	571	714	-19.9%	201	310	365	400	4	3	0	0
Nebraska	1,061	1,082	-2.0%	16	14	1,044	1,067	1	1	0	0
North Dakota	1,318	1,474	-10.6%	483	528	835	946	0	0	0	0
South Dakota	1,046	887	17.9%	227	119	818	767	0	0	NM	2
South Atlantic	4,784	4,257	12.4%	1,499	1,153	2,559	2,353	63	81	663	669
Delaware	16	15	4.6%	NM	0	13	13	1	1	NM	1
District of Columbia	7	6	17.6%	NM	0	NM	1	4	5	0	0
Florida	1,537	1,133	35.6%	1,184	839	207	150	30	36	115	108
Georgia	953	863	10.4%	35	42	646	561	NM	0	271	261
Maryland	165	143	15.3%	NM	0	163	141	NM	1	0	0
North Carolina	882	956	-7.8%	66	71	731	788	6	6	78	91
South Carolina	284	332	-14.5%	5	6	198	213	0	0	80	113
Virginia	682	601	13.4%	205	195	340	279	20	33	116	95
West Virginia	260	207	25.8%	NM	0	257	207	0	0	0	0
East South Central	771	640	20.4%	14	20	317	187	NM	0	440	432
Alabama	346	349	-0.9%	5	1	66	72	0	0	275	276
Kentucky	48	43	11.7%	9	10	11	7	NM	0	28	25
Mississippi	278	138	101.4%	NM	9	173	37	0	0	105	92
Tennessee	98	110	-10.7%	NM	0	67	71	NM	0	31	39
West South Central	17,901	13,776	29.9%	585	585	16,991	12,867	NM	2	324	322
Arkansas	259	130	99.1%	26	13	161	54	1	1	72	61
Louisiana	275	193	42.1%	2	2	119	22	0	0	153	170
Oklahoma	3,318	2,890	14.8%	539	552	2,752	2,328	0	0	28	11
Texas	14,049	10,563	33.0%	18	18	13,960	10,464	NM	1	70	80
Mountain	7,889	6,744	17.0%	1,377	1,321	6,465	5,378	9	8	38	37
Arizona	981	622	57.7%	61	43	917	575	NM	1	NM	2
Colorado	1,748	1,652	5.8%	338	330	1,407	1,320	NM	0	NM	2
Idaho	376	259	45.3%	28	28	315	198	3	3	31	31
Montana	606	538	12.6%	103	105	500	432	0	0	2	2
Nevada	1,061	1,022	3.8%	29	9	1,028	1,009	3	3	NM	1
New Mexico	1,778	1,351	31.6%	309	214	1,468	1,137	NM	0	0	0
Utah	381	313	21.9%	18	23	361	288	1	1	NM	0
Wyoming	958	988	-3.1%	489	569	468	419	0	0	0	0
Pacific Contiguous	7,109	5,816	22.2%	643	417	6,213	5,142	75	84	178	172
California	5,306	4,613	15.0%	129	80	5,026	4,395	72	81	79	58
Oregon	928	571	62.4%	112	60	768	458	2	3	46	50
Washington	875	631	38.7%	403	277	418	289	NM	1	54	65
Pacific Noncontiguous	166	157	5.6%	13	12	135	128	18	17	0	0
Alaska	17	14	19.7%	7	6	NM	5	4	3	0	0
Hawaii	149	143	4.2%	5	6	130	123	14	14	0	0
U.S. Total	59,766	52,218	14.5%	9,813	9,419	47,675	40,528	359	377	1,919	1,894

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 for 2024 are preliminary. Values for 2023 are final. 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 November 2024 and 2023 (Thousand Megawatthours)

	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			Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities		Generation at Utility Scale Facilities	
Census Division and State	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	11,598	10,551	9.9%	540	529	10,018	8,962	471	479	569	581
Connecticut	1,010	947	6.6%	2	0	998	938	5	4	4	4
Maine	4,538	3,953	14.8%	0	0	3,974	3,373	4	7	560	573
Massachusetts	3,085	2,912	5.9%	112	107	2,546	2,373	423	428	4	4
New Hampshire	1,118	1,093	2.3%	0	0	1,086	1,060	32	34	0	0
Rhode Island	950	782	21.5%	0	0	945	776	5	5	0	0
Vermont	897	863	3.9%	426	421	469	441	2	1	0	0
Middle Atlantic	17,939	14,641	22.5%	337	322	15,870	12,687	1,280	1,184	453	447
New Jersey	2,305	2,111	9.2%	127	121	1,709	1,556	464	428	5	6
New York	9,922	7,899	25.6%	210	201	8,950	6,990	606	567	157	142
Pennsylvania	5,712	4,631	23.3%	0	0	5,210	4,142	210	189	291	300
East North Central	60,966	50,169	21.5%	11,367	7,859	48,438	41,196	116	121	1,044	994
Illinois	24,648	21,615	14.0%	91	88	24,548	21,524	6	2	NM	NM
Indiana	11,823	10,070	17.4%	2,024	1,087	9,755	8,941	2	2	42	40
Michigan	12,385	10,587	17.0%	5,264	4,360	6,543	5,722	41	38	538	467
Ohio	6,614	4,158	59.1%	13	11	6,383	3,907	16	13	203	227
Wisconsin	5,495	3,740	46.9%	3,975	2,313	1,210	1,102	52	65	258	260
West North Central	128,434	117,736	9.1%	47,319	44,243	80,134	72,661	175	163	806	669
Iowa	41,224	38,285	7.7%	29,537	27,571	11,608	10,641	8	8	71	66
Kansas	28,055	24,611	14.0%	2,604	2,304	25,428	22,286	12	12	10	10
Minnesota	16,895	16,082	5.1%	6,078	5,764	10,011	9,650	99	92	707	575
Missouri	6,541	6,371	2.7%	2,567	2,564	3,928	3,769	44	35	3	3
Nebraska	11,427	10,937	4.5%	158	151	11,257	10,769	12	17	0	0
North Dakota	13,584	12,992	4.6%	4,843	4,626	8,741	8,365	0	0	0	0
South Dakota	10,707	8,459	26.6%	1,532	1,263	9,161	7,181	0	0	15	15
South Atlantic	64,752	56,843	13.9%	21,259	17,436	34,941	31,290	896	971	7,656	7,147
Delaware	218	214	2.1%	7	7	189	189	5	6	18	12
District of Columbia	91	77	18.1%	3	3	36	21	52	53	0	0
Florida	19,958	16,142	23.6%	16,464	12,746	1,951	1,840	377	417	1,167	1,140
Georgia	13,029	11,672	11.6%	501	602	9,384	8,170	4	2	3,140	2,900
Maryland	1,867	1,624	14.9%	8	7	1,840	1,594	19	23	0	0
North Carolina	13,435	12,830	4.7%	1,066	1,013	11,413	10,787	105	102	851	927
South Carolina	4,529	4,192	8.0%	63	68	3,096	2,976	0	0	1,370	1,148
Virginia	9,628	8,221	17.1%	3,108	2,990	5,076	3,844	333	367	1,111	1,021
West Virginia	1,997	1,870	6.8%	40	0	1,957	1,870	0	0	0	0
East South Central	9,078	7,690	18.0%	295	314	4,043	2,645	5	4	4,735	4,727
Alabama	4,151	4,029	3.0%	73	23	1,156	1,156	0	0	2,922	2,850
Kentucky	593	529	12.1%	115	115	175	113	NM	1	302	299
Mississippi	2,862	1,800	58.9%	104	173	1,611	419	0	0	1,147	1,209
Tennessee	1,472	1,331	10.6%	NM	2	1,101	957	4	3	364	368
West South Central	194,101	174,295	11.4%	7,025	6,815	183,527	164,073	47	44	3,501	3,362
Arkansas	2,781	1,372	102.7%	281	229	1,758	509	17	18	725	616
Louisiana	2,864	2,070	38.3%	41	38	1,130	313	0	0	1,693	1,719
Oklahoma	35,865	33,894	5.8%	6,338	6,100	29,242	27,574	-2	-7	288	228
Texas	152,590	136,958	11.4%	365	448	151,397	135,677	33	34	795	799
Mountain	90,778	76,596	18.5%	14,573	13,373	75,722	62,735	126	113	356	374
Arizona	12,580	8,807	42.8%	944	556	11,584	8,200	23	19	30	32
Colorado	20,860	17,953	16.2%	4,084	3,869	16,731	14,071	18	8	27	6
Idaho	3,958	3,436	15.2%	407	410	3,258	2,692	28	28	265	306
Montana	5,564	4,250	30.9%	871	846	4,677	3,386	0	0	16	19
Nevada	15,613	13,266	17.7%	400	170	15,154	13,039	48	45	12	12
New Mexico	17,797	16,177	10.0%	3,105	2,889	14,690	13,286	NM	1	0	0
Utah	5,831	4,879	19.5%	234	231	5,582	4,636	8	12	7	0
Wyoming	8,575	7,827	9.6%	4,528	4,402	4,047	3,426	0	0	0	0
Pacific Contiguous	94,130	87,144	8.0%	7,298	6,615	83,828	77,479	879	907	2,125	2,143
California	73,058	67,138	8.8%	1,644	1,428	69,595	63,975	846	873	972	862
Oregon	11,943	11,412	4.6%	1,562	1,469	9,846	9,434	28	27	507	482
Washington	9,130	8,594	6.2%	4,092	3,719	4,387	4,069	6	7	645	800
Pacific Noncontiguous	1,932	1,748	10.5%	154	148	1,593	1,426	186	175	0	0
Alaska	165	138	19.7%	65	57	61	45	39	36	0	0
Hawaii	1,767	1,610	9.7%	88	91	1,532	1,380	147	139	0	0
U.S. Total	673,707	597,413	12.8%	110,166	97,652	538,114	475,154	4,182	4,162	21,245	20,445

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 for 2024 are preliminary. Values for 2023 are final. 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, November 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	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	-53	-16	233.1%	0	0	-53	-16	0	0	0	0
Connecticut	-1	0	NM	0	0	-1	0	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-52	-16	224.5%	0	0	-52	-16	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	-121	-113	7.0%	-35	-27	-85	-86	0	0	0	0
New Jersey	-18	-14	29.7%	0	0	-18	-14	0	0	0	0
New York	-35	-27	32.1%	-35	-27	0	0	0	0	0	0
Pennsylvania	-68	-72	-6.4%	0	0	-68	-72	0	0	0	0
East North Central	-62	-71	-12.6%	-62	-71	0	0	0	0	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	-62	-71	-12.6%	-62	-71	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	--	0	0	0	0	0	0	0	0
West North Central	0	-5	-93.9%	0	-5	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	-5	-93.9%	0	-5	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	-202	-173	16.2%	-202	-173	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	-81	-99	-18.3%	-81	-99	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	-32	-11	185.8%	-32	-11	0	0	0	0	0	0
Virginia	-89	-63	40.6%	-89	-63	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-29	-10	200.8%	-29	-10	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	-29	-10	200.8%	-29	-10	0	0	0	0	0	0
West South Central	0	1	-64.6%	0	1	0	0	0	0	0	0
Arkansas	0	1	-64.6%	0	1	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	-1	9	-112.2%	-1	9	0	0	0	0	0	0
Arizona	-1	-2	-35.8%	-1	-2	0	0	0	0	0	0
Colorado	0	11	-99.3%	0	11	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	-20	31	-165.0%	-20	31	0	0	0	0	0	0
California	-20	32	-162.5%	-20	32	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	0.6%	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	-488	-347	40.7%	-350	-245	-138	-102	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 for 2024 are preliminary. Values for 2023 are final. 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 November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	-446	-347	28.5%	0	0	-446	-347	0	0	0	0
Connecticut	5	1	275.3%	0	0	5	1	0	0	0	0
Maine	0	0	--	0	0	0	0	0	0	0	0
Massachusetts	-452	-349	29.5%	0	0	-452	-349	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	-1,423	-1,304	9.2%	-373	-341	-1,050	-963	0	0	0	0
New Jersey	-214	-151	41.8%	0	0	-214	-151	0	0	0	0
New York	-373	-341	9.4%	-373	-341	0	0	0	0	0	0
Pennsylvania	-836	-812	3.0%	0	0	-836	-812	0	0	0	0
East North Central	-905	-741	22.2%	-905	-741	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	-905	-741	22.2%	-905	-741	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	157	-47	-435.9%	157	-47	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	157	-47	-435.9%	157	-47	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	-2,366	-2,342	1.1%	-2,366	-2,342	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	-692	-564	22.8%	-692	-564	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	-252	-421	-40.2%	-252	-421	0	0	0	0	0	0
Virginia	-1,422	-1,357	4.8%	-1,422	-1,357	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	-544	-506	7.7%	-544	-506	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	-544	-506	7.7%	-544	-506	0	0	0	0	0	0
West South Central	25	45	-43.4%	25	45	0	0	0	0	0	0
Arkansas	73	98	-25.5%	73	98	0	0	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	-48	-53	-10.4%	-48	-53	0	0	0	0	0	0
Texas	0	0	--	0	0	0	0	0	0	0	0
Mountain	129	148	-13.1%	129	148	0	0	0	0	0	0
Arizona	68	137	-50.0%	68	137	0	0	0	0	0	0
Colorado	60	11	434.1%	60	11	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	-42	-384	-89.0%	-42	-384	0	0	0	0	0	0
California	-45	-381	-88.3%	-45	-381	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	2	-2	-193.6%	2	-2	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	-5,417	-5,476	-1.1%	-3,920	-4,166	-1,497	-1,310	0	0	0	0

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Notes: See Glossary for definitions. Values for 2024 are preliminary. Values for 2023 are final. 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, November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	139	146	-4.7%	0	0	84	91	45	44	10	11
Connecticut	38	38	-0.8%	0	0	38	38	0	0	0	0
Maine	20	26	-23.2%	0	0	9	14	0	1	10	11
Massachusetts	78	79	-1.4%	0	0	33	35	45	44	0	0
New Hampshire	4	4	10.3%	0	0	4	4	0	0	0	0
Rhode Island	0	0	-100.0%	0	0	0	0	0	0	0	0
Vermont	0	0	-15.6%	0	0	0	0	0	0	0	0
Middle Atlantic	211	213	-1.1%	0	0	83	87	122	120	6	6
New Jersey	52	53	-1.9%	0	0	11	11	35	35	6	6
New York	88	87	1.7%	0	0	18	19	71	68	0	0
Pennsylvania	71	74	-3.7%	0	0	54	57	17	17	0	0
East North Central	77	80	-3.1%	10	8	5	6	5	5	58	60
Illinois	19	16	13.8%	0	0	0	0	0	0	19	17
Indiana	38	44	-12.4%	0	0	0	0	0	0	38	44
Michigan	10	12	-11.6%	0	0	5	7	5	5	0	0
Ohio	1	0	859.5%	0	0	0	0	0	0	1	0
Wisconsin	10	8	18.5%	10	8	0	0	0	0	0	0
West North Central	32	32	-2.6%	15	15	13	14	NM	3	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	28	28	-1.8%	12	11	13	14	NM	3	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	-100.0%	0	0	0	0	0	0	0	0
North Dakota	3	4	-9.9%	3	4	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	255	293	-13.0%	-3	-4	111	96	60	81	87	119
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	184	187	-1.8%	-2	-4	81	72	36	42	69	77
Georgia	1	12	-95.3%	-1	0	0	0	0	0	2	12
Maryland	31	25	21.2%	0	0	31	25	0	0	0	0
North Carolina	13	26	-49.0%	0	0	0	0	0	0	13	26
South Carolina	3	5	-36.3%	0	0	0	1	0	0	3	4
Virginia	24	39	-38.4%	0	0	0	0	24	39	0	0
West Virginia	0	-1	-61.9%	0	0	0	-1	0	0	0	0
East South Central	-1	5	-111.6%	0	5	-1	0	0	0	0	0
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	0	5	-100.0%	0	5	0	0	0	0	0	0
Mississippi	-1	0	--	0	0	-1	0	0	0	0	0
Tennessee	0	0	-53.1%	0	0	0	0	0	0	0	0
West South Central	24	63	-61.3%	3	19	-20	-10	0	0	42	54
Arkansas	1	1	-32.5%	0	0	0	0	0	0	1	1
Louisiana	18	41	-56.0%	0	18	0	0	0	0	18	24
Oklahoma	3	1	70.7%	3	2	0	0	0	0	0	0
Texas	3	20	-83.5%	0	0	-20	-10	0	0	23	29
Mountain	49	41	17.8%	1	7	14	11	0	0	33	24
Arizona	5	-3	-243.0%	0	0	5	-3	0	0	0	0
Colorado	0	1	-123.2%	-1	0	-3	-2	0	0	4	4
Idaho	6	6	-2.0%	0	0	0	0	0	0	7	6
Montana	24	21	12.6%	0	0	24	21	0	0	0	0
Nevada	-11	0	NM	-1	3	-10	-3	0	0	0	0
New Mexico	-1	-2	-48.5%	0	0	-1	-2	0	0	0	0
Utah	18	9	95.3%	4	4	0	0	0	0	13	5
Wyoming	9	8	4.9%	0	0	0	0	0	0	9	8
Pacific Contiguous	-85	-45	89.1%	-3	-3	-108	-67	3	7	23	19
California	-92	-52	77.2%	-3	-3	-115	-74	3	7	23	19
Oregon	1	3	-74.4%	0	0	1	3	0	0	0	0
Washington	7	5	52.0%	0	0	7	4	0	0	0	0
Pacific Noncontiguous	15	16	-7.0%	0	0	-2	0	17	17	0	0
Alaska	0	0	-41.3%	0	0	0	0	0	0	0	0
Hawaii	15	16	-7.8%	0	0	-2	0	17	17	0	0
U.S. Total	717	845	-15.2%	23	47	181	229	254	277	259	293

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

by State, by Sector, Year-to-Date through November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	1,537	1,535	0.1%	2	2	954	939	456	472	124	121
Connecticut	388	392	-1.1%	0	0	388	392	0	0	0	0
Maine	254	248	2.6%	0	0	125	118	5	8	124	122
Massachusetts	846	846	0.0%	0	-1	395	383	451	464	0	0
New Hampshire	47	47	-0.1%	0	0	47	47	0	0	0	0
Rhode Island	0	0	-100.0%	0	0	0	0	0	0	0	0
Vermont	2	3	-12.5%	2	3	0	0	0	0	0	0
Middle Atlantic	2,284	2,165	5.5%	0	0	917	926	1,300	1,223	67	16
New Jersey	561	499	12.5%	0	0	115	116	379	366	67	16
New York	922	860	7.2%	0	0	199	187	724	673	0	0
Pennsylvania	800	806	-0.7%	0	0	603	623	197	184	0	0
East North Central	824	896	-8.1%	96	84	57	72	49	46	621	694
Illinois	215	237	-9.4%	0	0	-4	-8	0	0	219	245
Indiana	396	441	-10.1%	-1	0	0	0	0	0	397	441
Michigan	110	128	-13.6%	0	0	61	81	49	46	0	0
Ohio	4	6	-25.2%	0	0	0	-2	0	0	5	8
Wisconsin	98	85	15.8%	98	85	0	0	0	0	0	0
West North Central	315	311	1.2%	145	148	134	128	32	33	5	3
Iowa	0	0	-100.0%	0	0	0	0	0	0	0	0
Kansas	5	3	69.3%	0	0	0	0	0	0	5	3
Minnesota	277	274	1.2%	112	113	134	128	32	33	0	0
Missouri	0	0	--	0	0	0	0	0	0	0	0
Nebraska	0	0	-100.0%	0	0	0	0	0	0	0	0
North Dakota	33	34	-4.3%	33	34	0	0	0	0	0	0
South Dakota	0	0	--	0	0	0	0	0	0	0	0
South Atlantic	2,962	3,194	-7.3%	-25	-37	1,052	1,115	835	925	1,099	1,191
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	1,937	2,165	-10.6%	-24	-36	745	843	441	489	774	870
Georgia	71	63	12.6%	-1	0	-3	-4	0	0	75	67
Maryland	311	287	8.3%	0	0	311	287	0	0	0	0
North Carolina	211	217	-2.9%	0	-1	0	0	0	0	211	218
South Carolina	45	40	13.1%	0	0	6	5	0	0	39	35
Virginia	394	435	-9.4%	0	0	0	-1	394	436	0	0
West Virginia	-6	-13	-50.7%	0	0	-6	-13	0	0	0	0
East South Central	8	84	-89.9%	11	83	-3	0	0	0	0	0
Alabama	0	0	-100.0%	0	0	0	0	0	0	0	0
Kentucky	11	83	-86.7%	11	83	0	0	0	0	0	0
Mississippi	-3	0	--	0	0	-3	0	0	0	0	0
Tennessee	0	0	-3.4%	0	0	0	0	0	0	0	0
West South Central	140	711	-80.3%	25	228	-205	-81	-3	-10	323	573
Arkansas	7	6	11.6%	0	0	0	0	0	0	7	6
Louisiana	175	460	-61.9%	0	201	0	0	0	0	175	259
Oklahoma	23	18	23.0%	26	28	0	0	-3	-9	0	0
Texas	-64	226	-128.4%	-1	-1	-205	-81	0	0	141	308
Mountain	374	397	-5.7%	22	59	61	105	0	0	292	234
Arizona	-17	-31	-44.7%	-4	-6	-13	-25	0	0	0	0
Colorado	6	23	-76.1%	-5	0	-34	-17	0	0	44	41
Idaho	63	66	-4.7%	0	0	0	0	0	0	63	66
Montana	229	199	15.1%	0	0	229	199	0	0	0	0
Nevada	-106	-12	786.5%	-13	25	-93	-37	0	0	0	0
New Mexico	-30	-17	80.1%	-1	-1	-29	-16	0	0	0	0
Utah	148	93	59.9%	46	42	0	0	0	0	103	51
Wyoming	82	76	7.9%	0	0	0	0	0	0	82	76
Pacific Contiguous	-648	-348	85.8%	-40	-35	-875	-604	30	44	237	248
California	-733	-431	70.1%	-40	-36	-960	-686	30	44	237	248
Oregon	17	20	-15.8%	0	0	17	20	0	0	0	0
Washington	68	62	9.5%	0	1	68	62	0	0	0	0
Pacific Noncontiguous	147	156	-6.0%	-3	-4	-18	-3	168	163	0	0
Alaska	-3	-4	-28.2%	-3	-4	0	0	0	0	0	0
Hawaii	150	160	-6.6%	0	0	-18	-3	168	163	0	0
U.S. Total	7,943	9,100	-12.7%	234	528	2,074	2,596	2,868	2,897	2,768	3,080

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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, November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	437	365	19.7%	23	19	412	344	3	2	0	0
Connecticut	1	1	-19.8%	0	0	1	1	0	0	0	0
Maine	294	249	18.0%	0	0	294	249	0	0	0	0
Massachusetts	23	17	35.3%	4	4	16	11	NM	2	0	0
New Hampshire	59	46	29.8%	0	0	59	46	0	0	0	0
Rhode Island	18	17	4.9%	0	0	17	17	1	1	0	0
Vermont	42	35	19.7%	19	15	24	20	0	0	0	0
Middle Atlantic	1,069	992	7.7%	0	31	1,068	961	NM	0	NM	0
New Jersey	2	2	15.7%	0	0	2	2	0	0	0	0
New York	686	626	9.5%	0	31	685	595	NM	0	NM	0
Pennsylvania	382	365	4.7%	0	0	382	365	0	0	0	0
East North Central	4,931	4,855	1.6%	714	729	4,205	4,112	NM	3	9	11
Illinois	2,463	2,325	5.9%	NM	1	2,461	2,324	NM	0	0	0
Indiana	994	980	1.3%	0	0	994	980	0	0	0	0
Michigan	977	1,023	-4.5%	576	592	402	430	0	0	0	0
Ohio	298	330	-9.6%	NM	0	288	319	0	0	9	10
Wisconsin	199	197	0.8%	136	136	60	58	NM	2	0	1
West North Central	11,971	12,244	-2.2%	4,632	4,853	7,334	7,387	NM	3	NM	1
Iowa	4,042	4,199	-3.7%	2,898	3,036	1,143	1,163	0	0	0	0
Kansas	2,672	2,457	8.8%	262	227	2,408	2,228	NM	1	NM	1
Minnesota	1,320	1,472	-10.3%	555	629	762	841	NM	2	0	0
Missouri	550	695	-20.8%	197	306	353	389	0	0	0	0
Nebraska	1,044	1,071	-2.5%	10	7	1,034	1,064	0	0	0	0
North Dakota	1,318	1,474	-10.6%	483	528	835	946	0	0	0	0
South Dakota	1,025	876	17.0%	227	119	799	758	0	0	0	0
South Atlantic	369	306	20.4%	4	3	364	303	0	0	0	0
Delaware	0	0	0.9%	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	70	53	32.7%	0	0	70	53	0	0	0	0
North Carolina	48	44	9.3%	0	0	48	44	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	4	3	25.3%	4	3	0	0	0	0	0	0
West Virginia	246	206	19.5%	0	0	246	206	0	0	0	0
East South Central	53	2	NM	0	0	53	2	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	50	0	--	0	0	50	0	0	0	0	0
Tennessee	NM	2	NM	0	0	NM	2	0	0	0	0
West South Central	14,295	11,653	22.7%	551	561	13,743	11,090	NM	1	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	3,269	2,873	13.8%	534	547	2,735	2,326	0	0	0	0
Texas	11,026	8,780	25.6%	17	14	11,008	8,765	NM	1	0	0
Mountain	5,045	4,433	13.8%	1,228	1,201	3,817	3,232	NM	0	0	0
Arizona	246	149	65.4%	0	0	246	149	0	0	0	0
Colorado	1,471	1,389	5.9%	337	329	1,134	1,060	0	0	0	0
Idaho	282	171	65.3%	15	14	268	157	0	0	0	0
Montana	588	520	13.0%	103	104	485	416	0	0	0	0
Nevada	32	20	64.8%	0	0	32	20	0	0	0	0
New Mexico	1,423	1,160	22.7%	284	186	1,139	974	NM	0	0	0
Utah	71	45	57.2%	0	0	71	45	0	0	0	0
Wyoming	931	980	-5.0%	489	569	442	411	0	0	0	0
Pacific Contiguous	2,690	1,533	75.4%	521	318	2,168	1,215	1	1	0	0
California	1,167	628	85.9%	39	18	1,127	609	1	1	0	0
Oregon	751	393	91.2%	106	55	644	338	0	0	0	0
Washington	772	513	50.6%	376	245	396	268	0	0	0	0
Pacific Noncontiguous	65	61	6.9%	7	6	58	55	0	0	0	0
Alaska	12	11	8.0%	7	6	NM	5	0	0	0	0
Hawaii	53	50	6.7%	0	0	53	50	0	0	0	0
U.S. Total	40,926	36,445	12.3%	7,680	7,721	33,223	28,701	12	11	11	12

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

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

by State, by Sector, Year-to-Date through November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	3,266	3,118	4.7%	189	185	3,052	2,913	25	20	0	0
Connecticut	10	9	9.1%	0	0	10	9	0	0	0	0
Maine	2,207	2,113	4.5%	0	0	2,207	2,113	0	0	0	0
Massachusetts	161	162	-0.3%	32	32	109	114	20	15	0	0
New Hampshire	404	372	8.7%	0	0	404	372	0	0	0	0
Rhode Island	161	154	4.8%	0	0	156	148	5	5	0	0
Vermont	323	310	4.4%	157	152	166	157	0	0	0	0
Middle Atlantic	8,573	7,167	19.6%	210	201	8,358	6,962	NM	3	NM	1
New Jersey	17	17	2.5%	0	0	17	17	0	0	0	0
New York	5,359	4,253	26.0%	210	201	5,144	4,048	NM	3	NM	1
Pennsylvania	3,197	2,897	10.3%	0	0	3,197	2,897	0	0	0	0
East North Central	43,671	39,220	11.4%	6,436	5,328	37,123	33,786	25	22	87	84
Illinois	21,921	19,554	12.1%	10	9	21,907	19,544	NM	1	0	0
Indiana	8,677	8,042	7.9%	0	0	8,677	8,042	0	0	0	0
Michigan	8,729	7,502	16.4%	5,184	4,282	3,545	3,220	0	0	0	0
Ohio	2,535	2,552	-0.7%	NM	4	2,446	2,468	2	3	82	78
Wisconsin	1,810	1,569	15.3%	1,237	1,032	548	513	20	19	4	6
West North Central	123,316	113,379	8.8%	46,512	43,590	76,752	69,748	41	31	10	10
Iowa	40,427	37,585	7.6%	29,149	27,259	11,276	10,325	2	2	0	0
Kansas	27,919	24,474	14.1%	2,586	2,289	25,310	22,163	12	12	10	10
Minnesota	13,578	13,031	4.2%	5,820	5,586	7,731	7,428	26	17	0	0
Missouri	6,262	6,115	2.4%	2,494	2,490	3,768	3,625	0	0	0	0
Nebraska	11,177	10,777	3.7%	89	77	11,088	10,700	0	0	0	0
North Dakota	13,584	12,992	4.6%	4,843	4,626	8,741	8,365	0	0	0	0
South Dakota	10,370	8,405	23.4%	1,532	1,263	8,838	7,142	0	0	0	0
South Atlantic	2,800	2,820	-0.7%	45	43	2,753	2,773	2	4	0	0
Delaware	2	4	-43.8%	0	0	0	0	2	4	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	504	427	18.3%	0	0	504	427	0	0	0	0
North Carolina	456	485	-5.9%	0	0	456	485	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	45	43	3.3%	45	43	0	0	0	0	0	0
West Virginia	1,793	1,862	-3.7%	0	0	1,793	1,862	0	0	0	0
East South Central	309	14	NM	0	0	309	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	289	0	--	0	0	289	0	0	0	0	0
Tennessee	20	14	44.1%	0	0	20	14	0	0	0	0
West South Central	149,883	143,088	4.7%	6,445	6,214	143,407	136,844	30	31	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	35,285	33,584	5.1%	6,264	6,029	29,021	27,555	0	0	0	0
Texas	114,598	109,505	4.7%	181	185	114,386	109,289	30	31	0	0
Mountain	49,171	44,513	10.5%	12,296	11,696	36,871	32,813	NM	1	3	2
Arizona	2,353	1,656	42.1%	0	0	2,353	1,656	0	0	0	0
Colorado	16,101	14,427	11.6%	4,072	3,856	12,027	10,569	0	0	3	2
Idaho	2,558	2,124	20.5%	143	136	2,415	1,987	0	0	0	0
Montana	5,191	3,997	29.9%	865	839	4,326	3,158	0	0	0	0
Nevada	295	275	7.4%	0	0	295	275	0	0	0	0
New Mexico	13,802	13,727	0.5%	2,688	2,464	11,113	11,262	NM	1	0	0
Utah	697	647	7.7%	0	0	697	647	0	0	0	0
Wyoming	8,174	7,660	6.7%	4,528	4,402	3,646	3,258	0	0	0	0
Pacific Contiguous	30,399	29,101	4.5%	6,012	5,407	24,377	23,683	5	6	4	5
California	13,741	13,461	2.1%	693	566	13,039	12,884	5	6	4	5
Oregon	8,960	8,567	4.6%	1,500	1,405	7,459	7,161	0	0	0	0
Washington	7,698	7,073	8.8%	3,819	3,436	3,879	3,637	0	0	0	0
Pacific Noncontiguous	734	684	7.4%	62	57	672	627	0	0	0	0
Alaska	111	102	8.9%	62	57	49	45	0	0	0	0
Hawaii	623	582	7.1%	0	0	623	582	0	0	0	0
U.S. Total	412,122	383,103	7.6%	78,207	72,721	333,675	310,162	133	118	106	102

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

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

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	353	383	-7.9%	21	18	232	271	43	41	57	54
Connecticut	51	53	-4.4%	0	0	51	53	0	0	0	0
Maine	125	135	-7.0%	0	0	68	80	0	0	57	54
Massachusetts	72	81	-10.6%	0	0	33	43	39	38	0	0
New Hampshire	67	60	12.0%	0	0	63	57	4	2	0	0
Rhode Island	NM	22	NM	0	0	NM	22	0	0	0	0
Vermont	37	33	12.6%	21	18	16	15	0	0	0	0
Middle Atlantic	306	313	-2.2%	0	0	160	177	105	102	41	34
New Jersey	49	53	-7.2%	0	0	20	24	29	29	0	0
New York	132	142	-6.7%	0	0	61	72	58	56	14	13
Pennsylvania	125	118	5.4%	0	0	79	80	18	17	28	21
East North Central	282	332	-15.2%	33	57	149	170	7	10	92	96
Illinois	21	19	10.9%	8	7	13	12	0	0	0	0
Indiana	17	20	-13.0%	10	12	3	5	0	0	4	3
Michigan	157	172	-8.4%	0	0	100	114	4	4	53	54
Ohio	25	25	0.4%	0	0	11	11	1	1	13	13
Wisconsin	61	97	-36.7%	15	38	22	28	3	5	22	25
West North Central	145	146	-0.7%	19	23	42	47	15	12	68	64
Iowa	15	18	-14.9%	NM	3	7	8	NM	0	5	6
Kansas	5	6	-11.2%	0	0	5	6	0	0	0	0
Minnesota	108	105	3.1%	11	12	27	29	10	7	61	56
Missouri	8	8	-4.5%	NM	2	NM	3	4	3	0	0
Nebraska	7	7	-6.6%	6	6	0	0	1	1	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	NM	2	NM	0	0	0	0	0	0	NM	2
South Atlantic	1,211	1,248	-2.9%	75	85	419	422	55	73	662	668
Delaware	5	6	-8.2%	0	0	4	4	0	0	NM	1
District of Columbia	4	5	-8.8%	0	0	0	0	4	5	0	0
Florida	245	243	0.7%	7	15	93	85	30	36	115	108
Georgia	433	402	7.6%	0	0	162	142	0	0	271	261
Maryland	30	26	14.4%	0	0	30	26	0	0	0	0
North Carolina	122	150	-18.6%	0	0	44	59	0	0	78	91
South Carolina	113	151	-25.0%	4	6	29	33	0	0	80	113
Virginia	258	264	-2.3%	64	64	58	73	20	33	116	95
West Virginia	NM	1	NM	0	0	NM	1	0	0	0	0
East South Central	454	448	1.4%	6	7	8	9	0	0	439	432
Alabama	279	279	-0.2%	0	0	3	3	0	0	275	276
Kentucky	35	33	6.2%	6	7	NM	0	0	0	28	25
Mississippi	106	93	14.2%	0	0	NM	1	0	0	105	92
Tennessee	34	43	-20.1%	0	0	4	4	0	0	30	39
West South Central	345	351	-1.6%	0	3	22	26	0	0	323	321
Arkansas	74	63	17.2%	0	0	NM	2	0	0	72	61
Louisiana	160	177	-9.6%	0	0	7	7	0	0	153	170
Oklahoma	29	13	129.2%	0	0	NM	1	0	0	28	11
Texas	82	98	-16.0%	0	3	12	15	0	0	70	79
Mountain	79	83	-4.6%	NM	2	41	45	4	3	32	32
Arizona	19	16	17.8%	0	0	19	16	0	0	0	0
Colorado	5	12	-60.0%	0	0	5	12	0	0	0	0
Idaho	40	39	1.8%	NM	1	5	4	3	3	31	31
Montana	2	2	-7.4%	NM	1	0	0	0	0	2	2
Nevada	4	5	-4.6%	0	0	4	5	0	0	0	0
New Mexico	1	1	26.8%	0	0	1	1	0	0	0	0
Utah	8	8	1.3%	0	0	6	7	1	1	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	557	557	0.0%	35	40	298	286	62	71	162	159
California	396	363	9.1%	4	3	271	248	59	68	62	45
Oregon	72	90	-19.8%	5	5	19	32	2	3	46	50
Washington	88	103	-14.7%	26	32	8	6	NM	1	54	65
Pacific Noncontiguous	25	27	-8.3%	0	1	7	9	18	17	0	0
Alaska	4	3	33.7%	0	0	0	0	4	3	0	0
Hawaii	21	24	-13.7%	0	1	7	9	14	14	0	0
U.S. Total	3,756	3,887	-3.4%	192	236	1,379	1,461	308	329	1,877	1,861

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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 November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	3,965	4,013	-1.2%	212	214	2,761	2,781	432	445	560	573
Connecticut	529	533	-0.8%	0	0	529	533	0	0	0	0
Maine	1,340	1,337	0.3%	0	0	776	758	4	7	560	573
Massachusetts	824	833	-1.1%	0	0	430	429	394	404	0	0
New Hampshire	711	718	-1.0%	0	0	678	684	32	34	0	0
Rhode Island	200	225	-10.9%	0	0	200	225	0	0	0	0
Vermont	360	367	-1.8%	212	214	147	152	2	1	0	0
Middle Atlantic	3,421	3,493	-2.1%	0	0	1,884	2,027	1,107	1,041	430	424
New Jersey	600	608	-1.4%	0	0	287	305	313	303	0	0
New York	1,436	1,484	-3.2%	0	0	697	798	593	555	146	131
Pennsylvania	1,384	1,401	-1.2%	0	0	900	925	201	183	284	293
East North Central	3,356	3,547	-5.4%	525	583	1,806	1,968	76	88	949	908
Illinois	233	224	3.9%	79	77	154	147	0	0	0	0
Indiana	208	234	-10.9%	127	142	38	52	0	0	42	40
Michigan	1,816	1,852	-2.0%	0	0	1,238	1,348	40	38	538	467
Ohio	254	298	-14.6%	0	0	129	143	7	7	118	147
Wisconsin	845	939	-10.0%	319	363	247	279	29	43	251	254
West North Central	1,522	1,465	4.0%	215	226	467	447	134	133	707	659
Iowa	194	192	0.9%	29	29	89	92	6	6	71	66
Kansas	58	60	-2.0%	0	0	58	60	0	0	0	0
Minnesota	1,090	1,026	6.2%	112	116	286	259	73	75	618	575
Missouri	92	89	3.3%	11	15	34	35	43	35	3	3
Nebraska	74	83	-11.1%	62	66	0	0	12	17	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	15	15	0.2%	0	0	0	0	0	0	15	15
South Atlantic	14,111	13,991	0.9%	1,253	1,363	4,464	4,657	754	832	7,641	7,139
Delaware	57	60	-5.6%	0	0	46	48	0	0	11	12
District of Columbia	52	53	-3.1%	0	0	0	0	52	53	0	0
Florida	2,740	2,867	-4.4%	326	358	880	962	371	411	1,164	1,137
Georgia	4,855	4,545	6.8%	0	0	1,715	1,645	0	0	3,140	2,900
Maryland	309	295	4.8%	0	0	309	293	0	3	0	0
North Carolina	1,393	1,541	-9.6%	0	0	542	614	0	0	851	927
South Carolina	1,741	1,586	9.7%	56	61	321	383	0	0	1,365	1,143
Virginia	2,957	3,035	-2.6%	871	944	644	705	331	366	1,111	1,021
West Virginia	8	8	-6.4%	0	0	8	8	0	0	0	0
East South Central	4,898	4,892	0.1%	71	74	97	97	0	0	4,730	4,721
Alabama	2,960	2,888	2.5%	0	0	38	38	0	0	2,922	2,850
Kentucky	382	380	0.4%	71	74	8	7	0	0	302	299
Mississippi	1,154	1,216	-5.1%	0	0	7	7	0	0	1,147	1,209
Tennessee	403	409	-1.3%	0	0	44	46	0	0	359	363
West South Central	3,908	3,871	0.9%	169	250	255	277	-2	-7	3,486	3,352
Arkansas	745	637	17.0%	0	0	23	24	0	0	722	613
Louisiana	1,770	1,796	-1.4%	0	0	77	76	0	0	1,693	1,719
Oklahoma	300	236	27.1%	0	0	15	15	-2	-7	288	228
Texas	1,092	1,202	-9.2%	169	250	139	161	0	0	784	791
Mountain	788	873	-9.8%	21	23	453	488	37	41	277	322
Arizona	185	174	6.2%	0	0	185	174	0	0	0	0
Colorado	75	122	-38.6%	0	0	75	122	0	0	0	0
Idaho	361	406	-11.1%	15	15	56	59	28	28	262	303
Montana	22	26	-16.1%	6	7	0	0	0	0	15	19
Nevada	52	49	6.0%	0	0	52	49	0	0	0	0
New Mexico	12	12	2.8%	0	0	12	12	0	0	0	0
Utah	81	84	-4.1%	0	0	72	72	8	12	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	6,280	6,568	-4.4%	368	375	3,366	3,543	675	713	1,871	1,936
California	4,422	4,571	-3.3%	45	41	3,016	3,197	641	679	719	655
Oregon	851	833	2.2%	56	58	260	265	28	27	507	482
Washington	1,007	1,164	-13.5%	266	276	90	81	6	7	645	800
Pacific Noncontiguous	268	285	-6.2%	13	17	78	99	176	169	0	0
Alaska	39	36	8.1%	0	0	0	0	39	36	0	0
Hawaii	229	249	-8.2%	13	17	78	99	137	134	0	0
U.S. Total	42,517	42,998	-1.1%	2,846	3,124	15,631	16,385	3,387	3,455	20,652	20,034

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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, November 2024 and 2023 (Thousand Megawatthours)

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 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	443	-27.1%	16	23	307	420	0	0	0	0
Arizona	0	0	--	0	0	0	0	0	0	0	0
Colorado	0	0	--	0	0	0	0	0	0	0	0
Idaho	NM	8	NM	0	0	NM	8	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	287	389	-26.2%	0	0	287	389	0	0	0	0
New Mexico	1	3	-64.7%	0	0	1	3	0	0	0	0
Utah	30	43	-30.6%	16	23	13	20	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	913	972	-6.1%	67	35	846	937	0	0	0	0
California	902	955	-5.6%	67	35	835	920	0	0	0	0
Oregon	11	18	-35.9%	0	0	11	18	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	20	24	-18.1%	0	0	20	24	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	20	24	-18.1%	0	0	20	24	0	0	0	0
U.S. Total	1,256	1,440	-12.8%	83	58	1,173	1,382	0	0	0	0

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Notes: See Glossary for definitions. Values for 2024 are preliminary. Values for 2023 are final. 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 November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 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	3,902	4,266	-8.5%	202	224	3,700	4,042	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	64	79	-19.2%	0	0	64	79	0	0	0	0
Montana	0	0	--	0	0	0	0	0	0	0	0
Nevada	3,445	3,742	-7.9%	0	0	3,445	3,742	0	0	0	0
New Mexico	22	32	-29.5%	0	0	22	32	0	0	0	0
Utah	370	413	-10.4%	202	224	168	189	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	10,100	10,460	-3.4%	575	508	9,525	9,952	0	0	0	0
California	9,956	10,303	-3.4%	575	508	9,382	9,796	0	0	0	0
Oregon	143	157	-8.4%	0	0	143	157	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	238	169	40.3%	0	0	238	169	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	238	169	40.3%	0	0	238	169	0	0	0	0
U.S. Total	14,239	14,895	-4.4%	777	732	13,462	14,163	0	0	0	0

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

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

Census Division and State	All Sectors							Electric Power Sector				Commercial Sector						Industrial Sector						Residential Sector	
								Electric Utilities		Independent Power Producers															
	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	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	740	606	22.2%	272	240	468	365	8	7	263	232	NM	191	NM	1	270	190	NM	12	NM	1	9	11	189	164
Connecticut	144	99	45.5%	30	26	114	73	0	0	30	26	NM	NM	NM	NM	53	23	NM	3	NM	0	4	3	57	47
Maine	126	74	70.1%	67	37	60	37	0	0	67	37	51	31	0	0	51	31	0	0	0	0	0	0	8	6
Massachusetts	346	333	3.7%	126	136	220	197	5	5	120	131	NM	108	NM	1	123	107	NM	7	NM	0	4	7	92	83
New Hampshire	NM	16	NM	NM	0	19	16	0	0	NM	0	6	5	0	0	6	5	1	1	0	0	1	1	13	10
Rhode Island	82	63	30.1%	37	31	44	31	0	0	37	31	32	19	0	0	32	19	0	0	0	0	0	0	12	11
Vermont	23	20	17.0%	12	9	11	11	3	2	9	7	4	4	0	0	4	4	0	0	0	0	0	0	7	6
Middle Atlantic	884	716	23.6%	393	256	491	460	7	8	375	238	228	207	10	9	218	198	NM	19	NM	1	18	17	255	244
New Jersey	300	289	3.7%	100	100	200	190	7	8	83	84	91	86	9	8	83	78	NM	12	NM	0	13	11	105	100
New York	456	336	35.7%	222	126	233	210	0	0	221	125	NM	106	NM	0	121	106	NM	1	NM	1	1	1	112	103
Pennsylvania	128	90	42.2%	71	30	57	60	0	0	70	29	NM	15	NM	0	14	15	NM	5	NM	1	4	5	39	41
East North Central	953	693	37.5%	761	535	192	159	171	142	589	392	NM	75	NM	1	87	74	NM	NM	NM	NM	6	5	99	79
Illinois	298	223	33.5%	191	136	107	88	NM	0	191	135	NM	44	NM	0	50	44	NM	NM	NM	NM	NM	0	56	44
Indiana	175	155	12.6%	153	137	22	19	83	80	70	56	NM	10	NM	0	11	10	1	1	0	0	1	1	9	8
Michigan	108	78	39.7%	92	64	16	13	4	5	88	60	NM	5	NM	0	6	5	NM	NM	0	0	NM	NM	10	9
Ohio	250	149	67.9%	222	126	28	23	NM	1	221	125	NM	10	NM	0	11	10	3	2	0	0	3	2	13	11
Wisconsin	122	88	38.1%	102	73	20	16	83	56	19	16	NM	6	NM	0	8	6	2	1	0	0	2	1	10	8
West North Central	338	269	25.8%	226	166	113	103	56	24	165	142	40	35	0	0	40	35	9	3	5	0	4	3	69	64
Iowa	67	51	30.1%	39	27	27	24	29	14	10	13	14	12	0	0	14	12	1	1	0	0	1	1	13	11
Kansas	15	14	11.7%	4	5	11	9	NM	1	3	4	3	3	0	0	3	3	0	0	0	0	0	0	8	6
Minnesota	161	129	25.1%	139	110	22	19	21	5	112	105	6	5	0	0	6	5	7	1	5	0	1	1	15	13
Missouri	61	58	5.0%	13	10	48	48	4	3	9	7	16	15	0	0	16	15	1	1	0	0	1	1	30	32
Nebraska	14	7	91.7%	10	4	4	3	NM	0	10	4	1	1	0	0	1	1	0	0	0	0	0	0	3	2
North Dakota	0	0	58.4%	0	0	0	0	0	0	0	0	NM	0	0	0	NM	0	0	0	0	0	0	0	0	0
South Dakota	20	10	104.9%	20	9	0	0	0	0	20	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Atlantic	3,885	3,307	17.5%	3,204	2,702	681	605	1,419	1,065	1,776	1,629	107	99	8	8	99	91	NM	31	NM	1	30	31	552	483
Delaware	23	21	10.4%	10	9	13	12	NM	0	9	8	NM	2	NM	0	3	2	NM	NM	NM	0	NM	NM	10	9
District of Columbia	NM	15	NM	NM	1	17	14	NM	0	NM	1	6	5	0	0	6	5	0	0	0	0	0	0	11	9
Florida	1,634	1,184	38.1%	1,291	890	343	294	1,177	823	114	66	NM	22	NM	0	24	22	NM	6	NM	0	5	6	314	267
Georgia	560	498	12.4%	520	461	40	37	35	42	485	419	NM	6	NM	0	6	6	NM	NM	0	0	NM	NM	15	13
Maryland	152	151	0.7%	65	64	87	87	NM	0	63	62	NM	20	NM	1	20	19	2	2	0	0	2	2	65	66
North Carolina	775	817	-5.1%	712	763	63	54	66	71	640	686	21	19	6	6	14	13	1	1	0	0	1	1	48	41
South Carolina	214	222	-3.4%	170	181	44	41	NM	1	170	180	8	8	0	0	8	8	NM	3	NM	0	3	3	33	31
Virginia	490	397	23.5%	420	334	70	63	137	128	282	206	NM	17	NM	0	17	17	0	0	0	0	0	0	53	46
West Virginia	17	3	465.6%	13	0	4	3	NM	0	10	0	1	1	0	0	1	1	0	0	0	0	0	0	3	2
East South Central	284	208	36.7%	264	190	20	17	7	14	256	176	NM	7	NM	0	8	7	NM	1	0	0	NM	0	11	10
Alabama	NM	72	NM	67	70	NM	NM	5	1	63	69	NM	NM	0	0	NM	NM	0	0	0	0	0	0	NM	NM
Kentucky	23	19	25.0%	13	10	11	9	2	3	10	7	NM	2	NM	0	3	2	0	0	0	0	0	0	8	7
Mississippi	125	47	164.3%	122	45	2	2	NM	9	122	36	1	1	0	0	1	1	NM	0	0	0	NM	0	1	1
Tennessee	66	70	-5.2%	61	65	5	5	NM	0	61	64	NM	4	NM	0	3	3	NM	NM	0	0	NM	NM	2	2
West South Central	3,689	2,172	69.8%	3,260	1,773	429	399	34	21	3,225	1,750	54	59	1	1	53	58	NM	NM	NM	1	12	NM	363	337
Arkansas	226	96	136.3%	185	67	41	29	26	13	158	52	13	NM	1	1	13	NM	NM	NM	NM	0	11	NM	17	15
Louisiana	139	38	260.4%	115	16	24	22	2	2	112	14	2	NM	0	0	2	NM	0	0	0	0	0	0	22	20
Oklahoma	36	29	25.4%	20	5	16	24	5	5	15	0	2	8	0	0	2	8	0	1	0	0	0	1	14	15
Texas	3,288	2,009	63.6%	2,941	1,685	347	324	NM	1	2,939	1,684	NM	NM	NM	0	37	NM	NM	NM	0	0	NM	NM	310	287
Mountain	3,224	2,490	29.5%	2,391	1,732	833	758	131	95	2,250	1,628	153	145	5	5	148	140	19	18	5	5	13	13	671	605
Arizona	1,069	783	36.6%	674	418	395	365	61	43	610	371	NM	84	NM	1	87	83	NM	3	NM	2	1	1	307	281
Colorado	413	385	7.3%	272	251	141	134	NM	1	269	248	NM	27	NM	0	28	27	NM	6	NM	2	4	4	109	103
Idaho	64	55	17.5%	49	41	16	14	12	13	37	27	1	1	0	0	1	1	NM	2	NM	0	2	2	13	12
Montana	22	20	10.1%	15	15	6	4	0	0	15	15	1	1	0	0	1	1	NM	0	NM	0	0	0	5	4
Nevada	875	717	22.0%	729	595	146	122	29	9	696	582	12	12	3	3	9	9	NM	6	NM	1	5	5	132	108
New Mexico	412	241	70.9%	352	187	60	54	26	28	327	159	11	11	0	0	11	11	0	0	0	0	0	0	48	44
Utah	340	280	21.7%	273	217	67	62	2	0	270	217	11	10	0	0	11	10	NM	1	NM	0	1	1	56	52
Wyoming	29	10	186.5%	27	8	2	2	0	0	27	8	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Pacific Contiguous	4,991	4,613	8.2%	2,863	2,640	2,128	1,973	20	24	2,815	2,591	458	409	12	12	446	397	226	213	16	13	210	200	1,472	1,376
California	4,836	4,486	7.8%	2,755	2,554	2,081	1,932	19	23	2,707	2,506	449	401	12	12	437	389	225	212	16	13	209	199	1,434	1,344
Oregon	119	93	28.4%	93	71	25	22	NM	0	93	70	6	5	0	0	6	5	1	1	0	0	1	1	18	16
Washington	37	34	9.3%	15	15	22	19	NM	0	14	14	3	2	0	0	3	2	0	0	0	0	0	0	19	17
Pacific Noncontiguous	166	145	14.5%	57	46	110	100	6	5	51	40	NM	35	NM	0	35	34	0	0	0	0	0	0	74	65
Alaska	NM	0	NM	NM	0	0	0	NM	0	NM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii	165	145	13.9%	56	46	109	100	5	5	50	40	NM	35	NM	0	35	34	0	0	0	0	0	0	74	65

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

	All Sectors							Electric Power Sector				Commercial Sector						Industrial Sector						Residential Sector	
								Electric Utilities		Independent Power Producers															
	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	
Census Division and State	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	11,871	9,782	21.3%	4,367	3,419	7,504	6,363	139	130	4,205	3,268	4,089	3,409	15	13	4,074	3,395	185	210	9	9	176	201	3,253	2,767
Connecticut	1,886	1,579	19.4%	471	405	1,415	1,173	2	0	460	396	442	374	5	4	437	370	62	55	4	4	58	51	921	753
Maine	1,945	1,090	78.5%	990	503	955	587	0	0	990	503	811	484	0	0	811	484	0	0	0	0	0	0	144	102
Massachusetts	5,965	5,442	9.6%	2,100	1,918	3,865	3,524	80	75	2,007	1,830	2,164	1,971	9	9	2,154	1,962	101	135	4	4	97	131	1,613	1,431
New Hampshire	345	286	21.0%	3	3	342	282	0	0	3	3	106	100	0	0	106	100	11	11	0	0	11	11	225	171
Rhode Island	1,282	971	31.9%	589	403	693	568	0	0	589	403	477	389	0	0	477	389	8	6	0	0	8	6	207	173
Vermont	448	415	7.9%	213	187	235	229	57	55	156	132	90	91	0	0	90	91	2	2	0	0	2	2	143	136
Middle Atlantic	14,395	11,719	22.8%	5,945	3,981	8,449	7,738	127	121	5,627	3,698	4,089	3,707	170	141	3,919	3,567	297	306	21	22	276	285	4,254	3,887
New Jersey	4,901	4,483	9.3%	1,688	1,485	3,213	2,998	127	121	1,405	1,234	1,485	1,385	151	125	1,335	1,260	198	190	5	6	193	184	1,686	1,554
New York	7,422	5,930	25.2%	3,127	2,162	4,295	3,768	0	0	3,108	2,144	2,351	2,069	9	9	2,342	2,060	30	26	9	9	21	17	1,932	1,691
Pennsylvania	2,071	1,306	58.6%	1,131	333	941	972	0	0	1,114	320	252	253	10	6	243	247	69	91	7	7	62	84	636	642
East North Central	17,301	10,154	70.4%	13,938	7,403	3,363	2,751	4,406	1,949	9,510	5,442	1,531	1,366	15	10	1,516	1,356	123	92	8	2	115	90	1,733	1,305
Illinois	4,327	3,299	31.1%	2,494	1,836	1,833	1,463	2	2	2,487	1,833	845	786	NM	2	843	785	16	5	NM	NM	13	4	976	674
Indiana	3,308	2,128	55.4%	2,938	1,794	369	334	1,896	945	1,040	848	203	184	NM	2	201	183	16	13	0	0	16	13	151	138
Michigan	2,172	1,517	43.2%	1,841	1,232	331	285	80	78	1,760	1,155	124	101	NM	0	124	101	6	5	0	0	6	5	201	179
Ohio	4,310	1,705	152.7%	3,825	1,308	485	398	7	7	3,808	1,296	214	182	7	3	207	179	51	42	2	1	49	41	228	178
Wisconsin	3,185	1,504	111.8%	2,841	1,232	345	272	2,419	917	414	311	143	112	4	3	140	109	33	26	3	0	30	26	175	137
West North Central	5,370	4,397	22.1%	3,596	2,892	1,774	1,504	592	426	2,914	2,466	645	528	0	0	644	528	154	55	89	0	65	55	1,065	921
Iowa	1,058	877	20.6%	604	507	454	370	360	283	244	224	230	189	0	0	230	189	18	14	0	0	18	14	207	166
Kansas	233	198	18.0%	78	78	156	120	18	15	60	63	46	37	0	0	46	37	3	1	0	0	3	1	106	82
Minnesota	2,610	2,331	11.9%	2,228	2,025	382	307	146	62	1,994	1,963	104	84	0	0	104	84	111	22	89	0	22	22	255	201
Missouri	906	823	10.1%	188	167	719	656	62	58	126	108	249	205	0	0	248	205	18	14	0	0	18	14	452	437
Nebraska	230	123	87.6%	176	77	54	46	7	8	169	69	12	10	0	0	12	10	3	3	0	0	3	3	39	32
North Dakota	3	2	24.4%	0	0	3	2	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1	1
South Dakota	329	43	672.5%	322	39	7	3	0	0	322	39	2	1	0	0	2	1	0	0	0	0	0	0	5	2
South Atlantic	56,983	47,591	19.7%	47,841	40,032	9,142	7,559	19,962	16,030	27,724	23,860	1,526	1,276	140	135	1,386	1,142	435	414	15	8	420	406	7,335	6,011
Delaware	352	328	7.4%	159	150	193	178	7	7	143	140	39	36	NM	3	37	33	17	12	6	0	11	12	145	133
District of Columbia	279	216	29.1%	39	24	240	193	3	3	36	21	84	70	0	0	84	70	0	0	0	0	0	0	156	123
Florida	21,510	16,721	28.6%	17,218	13,276	4,292	3,445	16,138	12,388	1,071	878	327	263	7	6	321	257	72	62	3	3	69	59	3,903	3,130
Georgia	8,706	7,613	14.4%	8,174	7,128	532	485	501	602	7,669	6,524	91	73	4	2	86	71	245	244	0	0	245	244	201	170
Maryland	2,463	2,213	11.3%	1,053	903	1,410	1,310	8	7	1,026	875	317	300	19	20	298	279	29	29	0	0	29	29	1,083	1,002
North Carolina	12,432	11,508	8.0%	11,586	10,804	846	704	1,066	1,013	10,415	9,689	300	271	105	102	195	169	19	16	0	0	19	16	632	519
South Carolina	3,386	3,157	7.3%	2,788	2,606	598	551	8	7	2,775	2,593	113	105	0	0	113	105	45	44	5	5	40	39	445	407
Virginia	7,601	5,791	31.2%	6,626	5,143	975	648	2,192	2,003	4,432	3,139	242	149	NM	1	240	148	6	6	0	0	6	6	728	495
West Virginia	254	44	471.6%	197	0	57	44	40	0	157	0	13	10	0	0	13	10	2	2	0	0	2	2	42	33
East South Central	4,145	3,018	37.4%	3,871	2,784	275	234	223	240	3,637	2,534	113	102	5	4	108	98	11	10	5	5	6	5	161	130
Alabama	1,216	1,162	4.6%	1,191	1,142	24	21	73	23	1,118	1,118	15	13	0	0	15	13	3	3	0	0	3	3	6	5
Kentucky	364	273	33.6%	212	149	152	123	44	42	167	106	38	32	NM	1	37	31	3	2	0	0	3	2	113	91
Mississippi	1,447	606	138.7%	1,418	584	28	22	104	173	1,314	412	9	9	0	0	9	9	1	1	0	0	1	1	19	12
Tennessee	1,119	977	14.6%	1,049	909	70	68	NM	2	1,038	898	50	49	4	3	47	46	5	5	5	5	0	0	23	22
West South Central	45,759	32,000	43.0%	40,310	27,335	5,449	4,665	411	351	39,865	26,952	693	643	20	21	673	622	98	52	15	11	83	41	4,693	4,002
Arkansas	2,515	1,107	127.3%	2,036	735	480	372	281	229	1,734	485	177	157	17	18	160	140	80	41	3	3	77	38	243	194
Louisiana	1,409	555	153.8%	1,094	274	315	281	41	38	1,053	236	24	23	0	0	24	23	0	0	0	0	0	0	291	258
Oklahoma	492	226	118.0%	280	75	212	151	74	71	206	4	26	27	0	0	26	27	4	3	0	0	4	3	182	122
Texas	41,342	30,112	37.3%	36,900	26,251	4,442	3,861	14	14	36,872	26,227	465	436	3	3	462	432	13	8	12	8	2	0	3,978	3,428
Mountain	46,844	35,541	31.8%	35,880	26,033	10,964	9,508	2,054	1,430	33,661	24,481	2,032	1,857	88	71	1,944	1,785	258	200	76	51	182	149	8,838	7,574
Arizona	14,319	10,754	33.2%	9,243	6,229	5,076	4,525	944	556																

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

	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	
Census Division and State	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 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	51	53	-4.1%	0	0	51	53	0	0	0	0
Arizona	42	39	7.1%	0	0	42	39	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	9	14	-36.8%	0	0	9	14	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	0	--	0	0	NM	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	85	113	-24.5%	0	0	85	113	0	0	0	0
California	85	113	-24.5%	0	0	85	113	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	136	166	-18.0%	0	0	136	166	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 for 2024 are preliminary. Values for 2023 are final. 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 November 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	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 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	1,038	911	13.9%	0	0	1,038	911	0	0	0	0
Arizona	798	747	6.8%	0	0	798	747	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	237	164	44.7%	0	0	237	164	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	NM	0	--	0	0	NM	0	0	0	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	1,963	1,830	7.3%	0	0	1,963	1,830	0	0	0	0
California	1,963	1,830	7.3%	0	0	1,963	1,830	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	0	0	--	0	0	0	0	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	3,001	2,741	9.5%	0	0	3,001	2,741	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 for 2024 are preliminary. Values for 2023 are final. 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-November 2024 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	386,626	291,034	94,063	69	1,460
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	35,506	27,360	7,998	9	138
February	26,854	19,980	6,749	8	118
March	28,671	21,207	7,345	6	114
April	22,889	16,155	6,616	7	111
May	25,484	18,557	6,799	6	122
June	33,541	26,111	7,308	3	120
July	44,412	34,525	9,752	4	131
August	43,887	34,029	9,730	4	123
Sept	34,223	26,184	7,913	5	121
October	29,580	21,997	7,460	6	117
November	29,549	21,115	8,310	6	117
December	32,031	23,814	8,083	7	127
Year 2024					
January	42,428	32,416	9,872	10	130
February	25,926	20,136	5,662	7	121
March	22,274	17,482	4,654	7	132
April	21,253	15,750	5,397	4	102
May	26,228	19,968	6,139	3	118
June	34,450	26,811	7,512	4	122
July	40,501	31,227	9,135	5	133
August	39,427	30,081	9,209	6	131
Sept	31,572	23,978	7,465	6	123
October	27,497	20,336	7,040	4	117
November	26,453	19,719	6,609	5	119
Year to Date					
2022	429,826	317,780	110,451	78	1,516
2023	354,595	267,220	85,980	62	1,333
2024	338,008	257,904	78,696	60	1,348
Rolling 12 Months Ending in November					
2023	396,345	298,760	96,042	71	1,472
2024	370,039	281,718	86,779	67	1,475

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 2023 and prior years are final. Values for 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 Fossil Gas.

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-November 2024 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	9,363	1,580	527	331	6,925
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	922	157	53	43	669
February	787	127	47	37	576
March	839	142	65	33	600
April	710	88	40	29	553
May	744	119	33	22	569
June	731	117	43	20	552
July	811	167	36	21	586
August	771	157	38	22	553
Sept	753	146	34	22	551
October	734	114	47	22	551
November	760	115	43	28	574
December	802	131	48	33	591
Year 2024					
January	896	157	45	44	650
February	774	127	38	32	577
March	877	131	57	29	660
April	725	114	28	26	557
May	701	108	38	16	540
June	733	109	32	25	567
July	775	130	26	26	593
August	812	147	34	26	605
Sept	726	118	22	26	561
October	748	99	30	25	595
November	788	102	38	27	621
Year to Date					
2022	10,337	2,042	677	399	7,219
2023	8,561	1,450	480	298	6,334
2024	8,556	1,341	388	302	6,526
Rolling 12 Months Ending in November					
2023	9,579	1,676	534	346	7,022
2024	9,358	1,472	436	334	7,117

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 2023 and prior years are final. Values for 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 Fossil Gas.

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-November 2024 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	395,989	292,615	94,591	400	8,384
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	36,428	27,518	8,051	51	808
February	27,641	20,107	6,796	44	694
March	29,511	21,349	7,409	39	714
April	23,599	16,243	6,656	36	664
May	26,227	18,677	6,832	28	691
June	34,273	26,228	7,351	22	672
July	45,223	34,692	9,788	26	718
August	44,658	34,186	9,768	26	677
Sept	34,975	26,329	7,948	27	671
October	30,313	22,111	7,507	27	668
November	30,308	21,231	8,353	34	691
December	32,833	23,945	8,131	39	718
Year 2024					
January	43,324	32,573	9,917	54	780
February	26,700	20,263	5,700	39	698
March	23,151	17,612	4,711	36	792
April	21,978	15,864	5,425	30	659
May	26,929	20,076	6,177	19	658
June	35,182	26,921	7,544	29	689
July	41,276	31,357	9,162	31	726
August	40,239	30,228	9,243	32	736
Sept	32,298	24,096	7,487	31	683
October	28,245	20,435	7,070	29	711
November	27,241	19,821	6,648	32	740
Year to Date					
2022	440,163	319,822	111,128	477	8,736
2023	363,156	268,670	86,460	360	7,667
2024	346,564	259,245	79,083	362	7,874
Rolling 12 Months Ending in November					
2023	405,924	300,436	96,576	418	8,494
2024	379,397	283,189	87,215	402	8,592

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 2023 and prior years are final. Values for 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 Fossil Gas.

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-November 2024 (Thousand Barrels)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
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	21,336	16,366	4,253	200	517	
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	1,821	1,453	283	24	61	
February	2,432	1,558	791	36	47	
March	1,677	1,305	303	16	53	
April	1,605	1,262	292	11	40	
May	1,689	1,348	290	15	36	
June	1,680	1,370	256	11	43	
July	1,778	1,318	405	13	41	
August	1,789	1,445	289	13	41	
Sept	1,666	1,277	339	12	38	
October	1,825	1,351	423	13	37	
November	1,671	1,313	304	15	38	
December	1,704	1,366	277	21	41	
Year 2024						
January	3,038	2,185	771	27	54	
February	1,469	1,199	204	14	53	
March	1,509	1,197	258	18	37	
April	2,013	1,410	541	19	43	
May	1,733	1,336	336	19	41	
June	1,725	1,293	372	22	38	
July	1,880	1,339	491	NM	40	
August	1,925	1,525	351	11	39	
Sept	1,598	1,303	251	8	36	
October	1,732	1,411	278	9	34	
November	1,633	1,291	294	11	37	
Year to Date						
2022	22,884	15,254	6,920	212	498	
2023	19,631	15,001	3,976	179	475	
2024	20,256	15,489	4,147	169	452	
Rolling 12 Months Ending in November						
2023	25,507	18,122	6,529	221	635	
2024	21,961	16,854	4,424	NM	493	

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 2023 and prior years are final. Values for 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 Fossil Gas.
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-November 2024 (Thousand Barrels)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	3,133	65	330	363	2,374
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	406	6	35	62	303
February	373	9	29	30	305
March	326	4	26	25	271
April	329	5	29	8	288
May	163	7	26	10	120
June	166	5	26	16	120
July	174	5	25	16	129
August	204	5	23	16	161
Sept	207	3	25	20	158
October	193	6	32	17	137
November	247	5	25	37	181
December	344	5	29	107	203
Year 2024					
January	472	20	26	87	340
February	260	4	19	43	193
March	285	4	22	64	196
April	262	6	20	42	194
May	290	5	24	61	201
June	304	5	26	67	206
July	180	5	24	NM	144
August	189	6	21	6	156
Sept	183	4	19	6	154
October	206	6	31	8	162
November	246	4	30	11	201
Year to Date					
2022	3,522	84	348	364	2,726
2023	2,788	60	301	257	2,171
2024	2,878	69	260	401	2,148
Rolling 12 Months Ending in November					
2023	3,447	81	356	388	2,622
2024	3,223	74	289	NM	2,352

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 2023 and prior years are final. Values for 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 Fossil Gas. 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-November 2024 (Thousand Barrels)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
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	24,468	16,431	4,583	563	2,891	
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	2,227	1,460	318	86	363	
February	2,805	1,566	820	66	352	
March	2,003	1,309	329	41	324	
April	1,934	1,267	321	18	328	
May	1,852	1,355	317	25	155	
June	1,846	1,374	281	27	163	
July	1,952	1,323	430	29	170	
August	1,993	1,450	312	29	202	
Sept	1,872	1,280	364	32	197	
October	2,018	1,357	456	30	174	
November	1,918	1,319	329	52	219	
December	2,049	1,371	306	127	245	
Year 2024						
January	3,510	2,205	797	114	395	
February	1,729	1,203	223	57	245	
March	1,795	1,201	280	81	233	
April	2,275	1,417	561	61	237	
May	2,023	1,341	360	80	242	
June	2,030	1,298	398	89	245	
July	2,060	1,344	515	NM	184	
August	2,114	1,531	372	17	195	
Sept	1,781	1,307	270	14	190	
October	1,938	1,416	308	17	196	
November	1,880	1,295	324	22	239	
Year to Date						
2022	26,406	15,338	7,268	575	3,224	
2023	22,419	15,060	4,277	436	2,646	
2024	23,135	15,558	4,407	570	2,600	
Rolling 12 Months Ending in November						
2023	28,954	18,203	6,885	609	3,257	
2024	25,184	16,928	4,713	NM	2,845	

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 2023 and prior years are final. Values for 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 Fossil Gas.
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-November 2024 (Thousand Tons)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
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	2,028	1,328	594	1	105	
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	179	116	52	0	11	
February	163	107	47	0	9	
March	135	73	49	0	12	
April	124	74	43	0	7	
May	144	76	60	0	8	
June	162	107	48	0	7	
July	266	196	59	0	10	
August	265	197	59	0	9	
Sept	238	175	55	0	8	
October	125	76	41	0	8	
November	80	49	24	0	8	
December	147	81	57	0	8	
Year 2024						
January	138	95	36	0	7	
February	114	69	39	0	6	
March	63	22	35	0	7	
April	103	66	30	0	7	
May	118	76	36	0	6	
June	169	115	45	0	8	
July	185	131	46	0	8	
August	181	128	46	0	7	
Sept	108	70	32	0	6	
October	80	72	NM	0	7	
November	80	44	27	0	9	
Year to Date						
2022	2,689	2,017	547	3	122	
2023	1,881	1,247	537	0	97	
2024	1,339	888	373	1	78	
Rolling 12 Months Ending in November						
2023	2,177	1,501	569	1	107	
2024	1,486	970	NM	1	86	

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 2023 and prior years are final. Values for 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 Fossil Gas. 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-November 2024 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	622	8	115	3	495
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	49	1	9	1	37
February	38	1	10	0	26
March	60	2	10	0	47
April	52	2	8	0	41
May	56	0	10	0	46
June	51	0	10	0	41
July	52	1	10	0	41
August	56	1	10	0	45
Sept	53	0	11	0	41
October	53	0	8	0	45
November	49	0	8	0	41
December	53	0	10	1	41
Year 2024					
January	59	0	14	1	43
February	38	0	8	1	30
March	36	0	8	0	28
April	43	0	5	0	38
May	47	2	7	1	37
June	49	0	8	1	40
July	50	0	9	0	41
August	53	0	9	0	43
Sept	42	0	7	0	35
October	40	0	NM	0	36
November	44	0	7	0	37
Year to Date					
2022	659	23	83	12	541
2023	568	8	105	2	454
2024	501	2	86	4	409
Rolling 12 Months Ending in November					
2023	627	8	114	3	501
2024	554	2	NM	5	450

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 2023 and prior years are final. Values for 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 Fossil Gas. 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-November 2024 (Thousand Tons)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
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	2,649	1,336	709	4	600	
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	228	116	62	2	48	
February	201	108	57	0	35	
March	195	75	60	0	59	
April	175	77	51	0	48	
May	200	76	70	0	54	
June	213	107	57	0	49	
July	318	197	69	0	52	
August	321	197	69	0	54	
Sept	290	175	66	0	49	
October	178	76	49	0	53	
November	129	49	32	0	49	
December	200	81	67	1	50	
Year 2024						
January	197	95	50	2	50	
February	152	69	47	1	35	
March	99	22	43	0	35	
April	147	66	36	0	45	
May	165	78	43	1	44	
June	218	115	54	1	48	
July	235	131	54	0	49	
August	233	128	55	0	51	
Sept	150	70	39	0	41	
October	120	72	NM	0	43	
November	124	44	34	0	46	
Year to Date						
2022	3,348	2,039	630	15	663	
2023	2,449	1,255	642	2	550	
2024	1,840	890	459	5	487	
Rolling 12 Months Ending in November						
2023	2,804	1,509	682	4	608	
2024	2,040	971	NM	6	536	

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 2023 and prior years are final. Values for 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 Fossil Gas. 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-November 2024 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	12,384,086	6,376,041	5,364,050	48,658	595,337
2023	13,244,813	6,820,807	5,766,811	49,069	608,127
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	947,250	488,790	406,341	3,767	48,352
June	1,168,712	623,023	491,993	4,050	49,645
July	1,430,805	752,312	619,375	4,873	54,246
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	928,162	480,119	394,845	3,849	49,349
December	1,015,891	524,610	437,787	4,265	49,229
Year 2023					
January	986,729	509,637	423,074	3,981	50,037
February	886,200	452,487	384,540	3,676	45,496
March	959,777	498,668	407,459	3,899	49,751
April	882,659	460,800	374,473	3,575	43,811
May	1,015,436	541,880	420,862	3,768	48,927
June	1,204,125	629,324	518,898	4,137	51,767
July	1,500,478	772,944	667,653	4,925	54,956
August	1,498,044	785,548	652,373	4,711	55,411
Sept	1,225,232	620,161	548,257	4,408	52,405
October	1,040,696	527,858	458,366	3,905	50,567
November	986,104	487,240	444,261	3,741	50,862
December	1,059,333	534,260	466,594	4,344	54,135
Year 2024					
January	1,163,883	593,542	510,416	4,289	55,636
February	939,647	483,091	403,447	4,003	49,106
March	944,562	493,501	398,112	4,175	48,774
April	908,193	475,674	380,376	3,485	48,658
May	1,068,924	577,455	439,366	3,765	48,339
June	1,264,109	675,569	537,419	4,168	46,954
July	1,556,527	834,189	665,774	4,682	51,881
August	1,517,308	812,335	646,225	4,707	54,041
Sept	1,249,157	662,363	533,731	4,074	48,989
October	1,089,665	574,393	466,440	3,683	45,149
November	1,013,866	531,950	431,397	3,755	46,764
Year to Date					
2022	11,368,194	5,851,430	4,926,263	44,393	546,108
2023	12,185,480	6,286,547	5,300,216	44,725	553,992
2024	12,715,841	6,714,061	5,412,704	44,786	544,291
Rolling 12 Months Ending in November					
2023	13,201,371	6,811,158	5,738,004	48,990	603,220
2024	13,775,174	7,248,321	5,879,298	49,130	598,426

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 2023 and prior years are final. Values for 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-November 2024 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	1,206,250	46,329	305,125	74,683	780,113
2023	1,210,187	46,531	306,058	69,832	787,766
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	66,156
April	92,922	2,748	22,502	5,734	61,937
May	95,766	3,356	24,200	5,623	62,587
June	97,703	3,887	25,622	5,855	62,339
July	106,539	4,604	28,679	6,816	66,440
August	106,095	4,242	27,578	6,894	67,381
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	104,564	4,401	25,603	6,659	67,900
Year 2023					
January	105,708	4,357	25,508	6,325	69,519
February	96,292	3,879	24,676	5,805	61,931
March	103,003	3,925	25,733	5,943	67,403
April	93,565	3,302	23,341	5,162	61,760
May	94,798	3,414	22,583	5,193	63,608
June	98,914	3,707	24,782	5,479	64,946
July	105,374	4,560	27,941	6,309	66,565
August	104,078	4,161	27,825	5,991	66,101
Sept	99,777	3,791	25,380	5,793	64,813
October	97,349	3,239	25,276	5,599	63,236
November	102,859	3,964	26,458	6,005	66,433
December	108,469	4,232	26,556	6,229	71,451
Year 2024					
January	116,006	4,497	28,885	6,911	75,713
February	101,725	4,150	26,532	6,211	64,832
March	103,212	4,310	26,310	6,264	66,328
April	95,125	3,373	22,516	5,163	64,074
May	98,579	3,994	24,818	5,081	64,687
June	99,048	4,654	26,212	5,391	62,791
July	105,049	5,652	28,829	5,693	64,875
August	107,367	5,557	29,516	5,718	66,576
Sept	100,984	4,827	27,019	5,305	63,832
October	100,511	3,939	25,766	5,700	65,106
November	102,692	4,071	24,475	5,686	68,460
Year to Date					
2022	1,101,686	41,928	279,523	68,024	712,212
2023	1,101,718	42,298	279,502	63,603	716,315
2024	1,130,299	49,024	290,876	63,125	727,274
Rolling 12 Months Ending in November					
2023	1,206,282	46,699	305,105	70,262	784,215
2024	1,238,768	53,256	317,432	69,354	798,726

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 2023 and prior years are final. Values for 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-November 2024 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	13,590,336	6,422,369	5,669,175	123,342	1,375,449
2023	14,455,000	6,867,338	6,072,869	118,901	1,395,893
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	1,043,016	492,145	430,541	9,390	110,939
June	1,266,415	626,911	517,616	9,905	111,984
July	1,537,345	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	484,136	417,970	9,543	114,656
December	1,120,455	529,011	463,390	10,924	117,129
Year 2023					
January	1,092,437	513,994	448,582	10,306	119,555
February	982,491	456,366	409,217	9,481	107,428
March	1,062,781	502,593	433,192	9,842	117,154
April	976,224	464,102	397,814	8,736	105,572
May	1,110,234	545,294	443,445	8,961	112,535
June	1,303,039	633,031	543,680	9,616	116,712
July	1,605,852	777,504	695,593	11,234	121,521
August	1,602,122	789,709	680,198	10,702	121,512
Sept	1,325,009	623,952	573,638	10,201	117,219
October	1,138,045	531,097	483,641	9,504	113,803
November	1,088,963	491,203	470,719	9,745	117,295
December	1,167,802	538,492	493,151	10,573	125,586
Year 2024					
January	1,279,889	598,039	539,300	11,200	131,349
February	1,041,372	487,241	429,980	10,214	113,938
March	1,047,775	497,811	424,422	10,439	115,103
April	1,003,318	479,046	402,892	8,648	112,732
May	1,167,503	581,448	464,183	8,846	113,026
June	1,363,157	680,222	563,631	9,559	109,745
July	1,661,575	839,841	694,603	10,375	116,756
August	1,624,675	817,892	675,741	10,425	120,617
Sept	1,350,141	667,190	560,751	9,380	112,821
October	1,190,176	578,332	492,206	9,384	110,254
November	1,116,559	536,021	455,872	9,441	115,224
Year to Date					
2022	12,469,881	5,893,358	5,205,785	112,417	1,258,320
2023	13,287,198	6,328,846	5,579,718	108,328	1,270,307
2024	13,846,140	6,763,084	5,703,580	107,911	1,271,565
Rolling 12 Months Ending in November					
2023	14,407,653	6,857,857	6,043,109	119,252	1,387,436
2024	15,013,942	7,301,576	6,196,730	118,484	1,397,151

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 2023 and prior years are final. Values for 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 2.5.A. Landfill Gas: Consumption for Electricity Generation,
by Sector, 2014-November 2024 (Million Cubic Feet)

		Electric Power Sector				
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector	
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	194,294	15,815	162,863	13,392	2,224	
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	16,943	1,406	14,204	1,177	156	
February	15,058	1,220	12,575	1,092	172	
March	16,460	1,395	13,702	1,151	212	
April	15,191	1,273	12,676	1,073	169	
May	16,976	1,410	14,319	1,103	145	
June	16,370	1,356	13,723	1,111	181	
July	16,562	1,332	13,922	1,161	148	
August	16,623	1,319	13,967	1,206	131	
Sept	15,364	1,188	12,923	1,132	120	
October	15,752	1,273	13,412	935	133	
November	15,829	1,284	13,298	1,099	147	
December	17,164	1,360	14,142	1,152	510	
Year 2024						
January	15,810	1,308	13,172	1,159	171	
February	14,081	1,218	11,657	1,028	179	
March	14,925	1,279	12,429	1,034	183	
April	13,948	1,241	11,594	973	139	
May	14,971	1,304	12,646	940	81	
June	14,630	1,286	12,286	939	118	
July	16,003	1,421	13,358	1,054	170	
August	15,676	1,449	12,967	1,093	167	
Sept	15,111	1,364	12,577	1,017	153	
October	15,291	1,418	12,640	1,039	194	
November	13,715	1,185	11,208	1,165	157	
Year to Date						
2022	195,203	17,139	162,344	13,613	2,106	
2023	177,130	14,454	148,721	12,240	1,714	
2024	164,162	14,474	136,534	11,440	1,714	
Rolling 12 Months Ending in November						
2023	193,793	15,801	162,536	13,525	1,930	
2024	181,327	15,835	150,677	12,592	2,223	

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 2023 and prior years are final. Values for 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 2.5.B. Landfill Gas: Consumption for Useful Thermal Output, by Sector, 2014-November 2024 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	3,418	10	1,730	705	973
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	297	1	153	64	80
February	267	1	135	52	79
March	283	1	145	49	88
April	297	1	142	65	89
May	221	1	103	40	78
June	294	1	152	53	88
July	310	1	161	65	83
August	309	1	160	70	78
Sept	279	1	155	61	63
October	293	1	147	72	73
November	247	1	104	60	83
December	321	1	173	54	93
Year 2024					
January	329	1	196	46	86
February	305	1	167	51	87
March	307	1	166	52	88
April	317	1	147	38	132
May	183	1	95	32	55
June	232	1	137	18	76
July	280	1	157	26	95
August	344	1	179	50	114
Sept	305	1	154	52	98
October	290	1	154	55	80
November	256	1	142	53	61
Year to Date					
2022	3,926	14	1,823	762	1,327
2023	3,097	9	1,556	651	880
2024	3,147	8	1,694	475	971
Rolling 12 Months Ending in November					
2023	3,450	11	1,729	706	1,004
2024	3,469	9	1,867	529	1,064

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 2023 and prior years are final. Values for 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 2.5.C. Landfill Gas: Consumption for Electricity Generation and Useful Thermal Output, by Sector, 2014-November 2024 (Million Cubic Feet)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	197,712	15,825	164,593	14,097	3,197
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	17,241	1,407	14,356	1,241	237
February	15,326	1,220	12,710	1,144	250
March	16,743	1,395	13,847	1,200	300
April	15,488	1,274	12,818	1,138	257
May	17,197	1,411	14,422	1,142	222
June	16,664	1,356	13,875	1,165	268
July	16,873	1,333	14,083	1,227	231
August	16,932	1,320	14,127	1,276	209
Sept	15,643	1,188	13,078	1,193	183
October	16,045	1,274	13,559	1,006	206
November	16,075	1,285	13,402	1,159	230
December	17,486	1,361	14,316	1,206	603
Year 2024					
January	16,139	1,309	13,368	1,205	257
February	14,386	1,218	11,823	1,079	265
March	15,232	1,280	12,595	1,087	271
April	14,265	1,242	11,741	1,011	271
May	15,154	1,305	12,741	972	136
June	14,862	1,287	12,423	957	194
July	16,283	1,422	13,515	1,080	265
August	16,020	1,450	13,146	1,143	281
Sept	15,416	1,364	12,731	1,069	251
October	15,581	1,419	12,795	1,094	273
November	13,972	1,186	11,350	1,218	218
Year to Date					
2022	199,129	17,153	164,167	14,375	3,433
2023	180,226	14,464	150,277	12,891	2,594
2024	167,310	14,482	138,228	11,915	2,684
Rolling 12 Months Ending in November					
2023	197,243	15,812	164,265	14,231	2,935
2024	184,796	15,844	152,544	13,121	3,287

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 2023 and prior years are final. Values for 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-November 2024 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	13,916	283	6,960	6,674	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	1,205	24	616	564	0
February	1,048	15	539	494	0
March	1,112	21	575	516	0
April	1,065	21	533	512	0
May	1,170	21	591	558	0
June	1,180	26	582	572	0
July	1,248	24	620	604	0
August	1,235	28	614	592	0
Sept	1,140	24	572	544	0
October	1,156	27	564	565	0
November	1,131	26	546	559	0
December	1,226	24	607	595	0
Year 2024					
January	1,179	21	582	575	0
February	1,062	17	531	513	0
March	1,103	13	565	524	0
April	1,067	20	504	544	0
May	1,168	29	567	571	0
June	1,134	27	555	552	0
July	1,198	28	595	574	0
August	1,222	27	602	593	0
Sept	1,108	24	560	524	0
October	1,099	27	544	527	0
November	1,100	24	544	532	0
Year to Date					
2022	13,365	253	6,719	6,393	0
2023	12,691	259	6,353	6,079	0
2024	12,438	258	6,151	6,030	0
Rolling 12 Months Ending in November					
2023	13,915	280	6,979	6,655	0
2024	13,664	282	6,757	6,625	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 2023 and prior years are final. Values for 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-November 2024 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	1,667	0	449	1,218	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	135	0	38	97	0
February	129	0	33	96	0
March	137	0	34	103	0
April	129	0	32	97	0
May	141	0	33	108	0
June	128	0	33	95	0
July	148	0	41	107	0
August	153	0	40	113	0
Sept	140	0	40	101	0
October	122	0	37	85	0
November	145	0	44	102	0
December	159	0	43	115	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
July	128	0	35	93	0
August	111	0	36	74	0
Sept	80	0	33	46	0
October	113	0	30	83	0
November	114	0	31	83	0
Year to Date					
2022	1,518	0	363	1,155	0
2023	1,508	0	405	1,103	0
2024	1,313	0	380	932	0
Rolling 12 Months Ending in November					
2023	1,637	0	443	1,194	0
2024	1,471	0	424	1,048	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 2023 and prior years are final. Values for 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-November 2024 (Thousand Tons)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	15,584	283	7,408	7,892	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	1,340	24	654	662	0
February	1,177	15	571	591	0
March	1,250	21	609	619	0
April	1,194	21	564	609	0
May	1,311	21	625	665	0
June	1,309	26	615	668	0
July	1,396	24	661	711	0
August	1,388	28	654	705	0
Sept	1,281	24	612	644	0
October	1,278	27	601	649	0
November	1,276	26	590	660	0
December	1,385	24	650	710	0
Year 2024					
January	1,320	21	626	673	0
February	1,192	17	566	609	0
March	1,229	13	599	617	0
April	1,178	20	539	619	0
May	1,301	29	604	668	0
June	1,259	27	586	646	0
July	1,326	28	630	668	0
August	1,333	27	638	667	0
Sept	1,187	24	593	571	0
October	1,212	27	575	610	0
November	1,214	24	575	614	0
Year to Date					
2022	14,883	253	7,083	7,547	0
2023	14,199	259	6,758	7,182	0
2024	13,751	258	6,531	6,963	0
Rolling 12 Months Ending in November					
2023	15,552	280	7,422	7,850	0
2024	15,136	282	7,181	7,673	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 2023 and prior years are final. Values for 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-November 2024 (Billion Btus)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	323,820	46,357	125,125	1,140	151,198
2023	289,996	38,914	110,338	732	140,012
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	26,094	3,542	9,711	110	12,731
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	26,972	3,947	10,564	76	12,384
February	23,316	3,531	8,879	47	10,859
March	24,472	2,504	9,943	55	11,971
April	21,340	1,966	8,038	46	11,290
May	24,408	2,836	9,447	24	12,101
June	24,292	3,798	9,164	68	11,262
July	26,080	4,560	9,783	58	11,678
August	27,025	4,473	10,163	85	12,304
Sept	23,669	3,310	8,832	82	11,446
October	20,337	2,193	7,284	61	10,800
November	22,798	2,521	8,717	56	11,503
December	25,286	3,276	9,522	74	12,414
Year 2024					
January	25,390	3,941	9,468	99	11,882
February	21,707	2,797	7,787	37	11,086
March	22,556	2,031	8,722	24	11,779
April	21,066	2,355	7,203	9	11,499
May	23,871	3,230	8,590	33	12,018
June	23,533	3,641	8,082	66	11,744
July	23,599	3,503	8,061	111	11,925
August	24,669	3,641	8,672	60	12,296
Sept	22,125	2,427	8,248	83	11,368
October	19,751	1,920	7,180	45	10,606
November	22,518	2,347	8,480	76	11,615
Year to Date					
2022	296,318	41,892	114,813	1,062	138,552
2023	264,709	35,637	100,815	658	127,598
2024	250,785	31,832	90,492	642	127,819
Rolling 12 Months Ending in November					
2023	292,211	40,103	111,128	736	140,245
2024	276,071	35,108	100,014	716	140,233

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 2023 and prior years are final. Values for 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.B. Wood / Wood Waste Biomass: Consumption for Useful Thermal Output, by Sector, 2014-November 2024 (Billion Btus)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	819,538	4,629	21,579	3,158	790,172
2023	754,615	4,076	20,744	2,343	727,452
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	70,011	269	1,639	274	67,828
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	69,277	456	1,721	249	66,851
February	60,917	377	1,949	163	58,427
March	66,831	438	2,692	223	63,478
April	59,109	391	1,725	162	56,830
May	63,132	91	1,803	81	61,157
June	58,285	266	1,869	254	55,897
July	61,598	295	1,451	129	59,723
August	62,979	339	1,215	221	61,204
Sept	60,896	182	866	256	59,592
October	61,213	344	2,393	185	58,292
November	64,741	433	1,506	179	62,623
December	65,636	464	1,555	241	63,377
Year 2024					
January	63,720	327	1,594	285	61,515
February	56,745	277	1,344	138	54,986
March	62,853	350	1,370	75	61,058
April	61,887	251	1,451	65	60,119
May	61,264	341	1,294	147	59,482
June	56,598	294	1,304	223	54,777
July	59,817	286	1,681	318	57,532
August	63,500	290	1,475	185	61,550
Sept	62,874	322	1,535	233	60,785
October	59,302	267	1,366	150	57,519
November	63,343	368	1,390	218	61,368
Year to Date					
2022	751,527	4,027	19,619	2,902	724,980
2023	688,979	3,613	19,189	2,102	664,075
2024	671,903	3,372	15,803	2,036	650,691
Rolling 12 Months Ending in November					
2023	756,990	4,215	21,149	2,358	729,267
2024	737,539	3,836	17,358	2,277	714,068

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 2023 and prior years are final. Values for 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.C. Wood / Wood Waste Biomass: Consumption for Electricity Generation and

Useful Thermal Output, by Sector, 2014-November 2024 (Billion Btus)

		Electric Power Sector			
Period	Total (all sectors)	Electric Utilities	Independent Power Producers	Commercial Sector	Industrial Sector
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	1,143,358	50,986	146,704	4,297	941,370
2023	1,044,610	42,990	131,082	3,075	867,464
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	96,104	3,810	11,350	384	80,559
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	96,249	4,403	12,285	325	79,236
February	84,233	3,908	10,828	210	69,287
March	91,304	2,942	12,635	278	75,449
April	80,449	2,357	9,763	209	68,121
May	87,540	2,927	11,250	105	73,258
June	82,577	4,064	11,032	322	67,159
July	87,677	4,855	11,234	187	71,401
August	90,005	4,812	11,378	306	73,508
Sept	84,565	3,492	9,698	338	71,037
October	81,550	2,537	9,677	246	69,091
November	87,538	2,954	10,223	235	74,126
December	90,923	3,740	11,078	315	75,791
Year 2024					
January	89,110	4,268	11,062	384	73,398
February	78,452	3,074	9,131	175	66,072
March	85,409	2,381	10,092	98	72,838
April	82,952	2,606	8,654	74	71,618
May	85,134	3,570	9,884	180	71,500
June	80,131	3,935	9,386	289	66,521
July	83,416	3,789	9,742	429	69,457
August	88,169	3,931	10,146	245	73,846
Sept	85,000	2,748	9,783	315	72,153
October	79,053	2,187	8,546	195	68,125
November	85,861	2,715	9,870	294	72,983
Year to Date					
2022	1,047,845	45,918	134,431	3,964	863,531
2023	953,688	39,250	120,004	2,760	791,674
2024	922,688	35,204	106,295	2,678	778,510
Rolling 12 Months Ending in November					
2023	1,049,201	44,318	132,277	3,094	869,512
2024	1,013,610	38,944	117,373	2,993	854,301

Notes: Beginning with the collection of Form EIA-923 in January 2008, the methodology to allocate total fuel consumption for electricity generation and consumption for useful thermal output was changed. The new methodology was retroactively applied to 2004-2007 data. See the Technical Notes (Appendix C) for further information. See Glossary for definitions. Values for 2023 and prior years are final. Values for 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 2.8.A. Consumption of Coal for Electricity Generation by State, by Sector, November 2024 and November 2023 (Thousand Tons)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	13	3	339.0%	0	0	13	3	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	0	1	-46.0%	0	0	0	1	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	12	2	513.0%	0	0	12	2	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	568	661	-14.0%	0	0	566	660	0	0	2	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	568	661	-14.0%	0	0	566	660	0	0	2	1
East North Central	5,392	5,832	-7.5%	3,676	3,401	1,693	2,409	0	0	23	21
Illinois	1,006	1,217	-17.0%	53	51	934	1,150	0	0	18	16
Indiana	1,589	1,560	1.9%	1,443	1,377	146	182	0	0	0	0
Michigan	1,056	1,000	5.6%	1,049	992	7	8	0	0	0	0
Ohio	800	1,259	-36.0%	194	190	606	1,069	0	0	0	0
Wisconsin	942	796	18.0%	937	791	0	0	0	0	5	5
West North Central	5,553	6,511	-15.0%	5,489	6,441	0	0	0	0	64	70
Iowa	800	474	69.0%	758	436	0	0	0	0	42	38
Kansas	457	741	-38.0%	457	741	0	0	0	0	0	0
Minnesota	466	733	-36.0%	462	729	0	0	0	0	4	4
Missouri	1,294	1,981	-35.0%	1,294	1,981	0	0	0	0	0	0
Nebraska	767	846	-9.4%	751	822	0	0	0	0	15	24
North Dakota	1,690	1,639	3.1%	1,687	1,635	0	0	0	0	3	4
South Dakota	79	97	-19.0%	79	97	0	0	0	0	0	0
South Atlantic	2,726	3,216	-15.0%	2,477	2,877	241	333	1	1	8	6
Delaware	5	3	52.0%	0	0	5	3	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	180	471	-62.0%	180	471	0	0	0	0	0	1
Georgia	480	615	-22.0%	478	612	0	0	0	0	2	2
Maryland	26	33	-24.0%	0	0	26	33	0	0	0	0
North Carolina	400	466	-14.0%	399	465	0	0	1	1	0	1
South Carolina	563	408	38.0%	563	408	0	0	0	0	0	0
Virginia	10	27	-62.0%	6	25	0	0	0	0	4	2
West Virginia	1,061	1,193	-11.0%	851	897	211	296	0	0	0	0
East South Central	3,120	3,140	-0.6%	2,906	2,807	206	326	0	0	8	8
Alabama	844	729	16.0%	844	729	0	0	0	0	0	0
Kentucky	1,467	1,637	-10.0%	1,467	1,637	0	0	0	0	0	0
Mississippi	271	354	-23.0%	65	29	206	326	0	0	0	0
Tennessee	538	420	28.0%	529	412	0	0	0	0	8	8
West South Central	4,442	5,296	-16.0%	1,509	1,748	2,931	3,547	0	0	3	0
Arkansas	376	773	-51.0%	197	592	178	181	0	0	0	0
Louisiana	150	368	-59.0%	150	97	0	271	0	0	0	0
Oklahoma	272	306	-11.0%	270	306	0	0	0	0	2	0
Texas	3,644	3,849	-5.3%	891	753	2,753	3,096	0	0	0	0
Mountain	4,344	4,679	-7.2%	3,634	3,828	703	843	0	0	6	8
Arizona	393	726	-46.0%	393	726	0	0	0	0	0	0
Colorado	768	901	-15.0%	768	901	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	576	692	-17.0%	0	0	576	692	0	0	0	0
Nevada	118	138	-14.0%	68	68	51	70	0	0	0	0
New Mexico	242	0	--	242	0	0	0	0	0	0	0
Utah	852	563	51.0%	820	525	32	38	0	0	0	0
Wyoming	1,395	1,659	-16.0%	1,344	1,608	45	43	0	0	6	8
Pacific Contiguous	252	182	39.0%	0	0	247	179	0	0	6	3
California	5	3	100.0%	0	0	0	0	0	0	5	3
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	247	179	38.0%	0	0	247	179	0	0	0	1
Pacific Noncontiguous	43	29	50.0%	29	12	9	11	4	5	0	0
Alaska	43	29	50.0%	29	12	9	11	4	5	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	26,453	29,549	-10.0%	19,719	21,115	6,609	8,310	5	6	119	117

Displayed values of zero may represent small values that round to zero. The Excel version of this table provides additional precision which may be accessed by selecting individual cells.
Notes: See Glossary for definitions. Values for 2024 are preliminary. Values for 2023 are final. 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 November 2024 and November 2023 (Thousand Tons)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	63	71	-11.0%	0	0	63	71	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	7	11	-41.0%	0	0	7	11	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	56	59	-5.3%	0	0	56	59	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	8,695	8,945	-2.8%	0	0	8,677	8,927	0	0	18	18
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	8,695	8,945	-2.8%	0	0	8,677	8,927	0	0	18	18
East North Central	67,876	68,042	-0.2%	42,709	42,365	24,920	25,360	7	10	240	307
Illinois	14,952	14,732	1.5%	643	694	14,117	13,780	5	5	187	253
Indiana	18,462	19,233	-4.0%	16,967	17,416	1,492	1,812	3	5	0	0
Michigan	12,919	11,665	11.0%	12,849	11,578	68	87	0	0	1	0
Ohio	11,142	11,559	-3.6%	1,899	1,878	9,242	9,681	0	0	0	0
Wisconsin	10,403	10,853	-4.1%	10,351	10,799	0	0	0	0	52	54
West North Central	68,896	75,133	-8.3%	68,145	74,421	0	0	5	5	746	708
Iowa	7,427	8,743	-15.0%	6,984	8,336	0	0	2	3	442	404
Kansas	7,594	9,716	-22.0%	7,594	9,716	0	0	0	0	0	0
Minnesota	5,914	6,750	-12.0%	5,875	6,709	0	0	2	2	37	40
Missouri	20,794	22,116	-6.0%	20,793	22,115	0	0	1	1	0	0
Nebraska	8,941	9,971	-10.0%	8,711	9,745	0	0	0	0	230	226
North Dakota	17,373	16,962	2.4%	17,337	16,924	0	0	0	0	37	37
South Dakota	853	876	-2.6%	853	876	0	0	0	0	0	0
South Atlantic	43,689	42,765	2.2%	39,977	38,205	3,622	4,473	5	2	85	84
Delaware	71	13	430.0%	0	0	71	13	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,602	5,101	-29.0%	3,598	5,097	0	0	0	0	3	5
Georgia	8,560	7,936	7.9%	8,533	7,913	0	0	0	0	27	23
Maryland	981	775	27.0%	0	0	981	775	0	0	0	0
North Carolina	6,386	5,177	23.0%	6,376	5,162	0	0	5	2	6	12
South Carolina	6,659	5,874	13.0%	6,656	5,855	0	15	0	0	2	4
Virginia	925	730	27.0%	879	690	0	0	0	0	46	40
West Virginia	16,506	17,159	-3.8%	13,935	13,488	2,570	3,670	0	0	0	0
East South Central	41,239	40,344	2.2%	39,386	37,471	1,759	2,797	0	0	94	75
Alabama	10,813	10,319	4.8%	10,813	10,319	0	0	0	0	0	0
Kentucky	19,552	18,719	4.4%	19,552	18,719	0	0	0	0	0	0
Mississippi	2,672	3,644	-27.0%	913	847	1,759	2,797	0	0	0	0
Tennessee	8,201	7,662	7.0%	8,107	7,587	0	0	0	0	94	75
West South Central	57,791	62,433	-7.4%	26,988	28,654	30,775	33,764	0	0	28	14
Arkansas	8,772	9,451	-7.2%	7,108	7,664	1,658	1,780	0	0	6	6
Louisiana	2,442	2,559	-4.6%	1,860	1,932	582	627	0	0	0	0
Oklahoma	3,886	3,453	13.0%	3,864	3,445	0	0	0	0	23	9
Texas	42,690	46,970	-9.1%	14,155	15,613	28,535	31,357	0	0	0	0
Mountain	47,437	53,759	-12.0%	40,315	45,742	7,040	7,937	0	0	82	79
Arizona	5,462	6,626	-18.0%	5,462	6,626	0	0	0	0	0	0
Colorado	8,749	9,940	-12.0%	8,749	9,940	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	5,669	6,628	-14.0%	0	0	5,667	6,625	0	0	3	3
Nevada	1,324	1,169	13.0%	732	611	591	558	0	0	0	0
New Mexico	4,413	3,737	18.0%	4,413	3,737	0	0	0	0	0	0
Utah	7,265	7,352	-1.2%	6,863	7,057	403	296	0	0	0	0
Wyoming	14,554	18,307	-20.0%	14,096	17,773	379	458	0	0	79	76
Pacific Contiguous	1,798	2,589	-31.0%	0	0	1,741	2,541	0	0	56	48
California	51	42	20.0%	0	0	0	0	0	0	51	42
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	1,747	2,547	-31.0%	0	0	1,741	2,541	0	0	6	6
Pacific Noncontiguous	525	516	1.9%	383	361	99	109	43	45	0	0
Alaska	525	516	1.9%	383	361	99	109	43	45	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	338,008	354,595	-4.7%	257,904	267,220	78,696	85,980	60	62	1,348	1,333

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Notes: See Glossary for definitions. Values for 2024 are preliminary. Values for 2023 are final. 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, November 2024 and November 2023 (Thousand Barrels)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	35	39	-11.0%	NM	4	29	32	2	2	1	1
Connecticut	17	4	328.0%	0	1	16	3	NM	0	0	0
Maine	5	14	-67.0%	0	0	4	13	0	0	1	1
Massachusetts	7	13	-49.0%	NM	3	NM	10	1	0	NM	0
New Hampshire	4	6	-32.0%	0	0	NM	5	1	1	0	0
Rhode Island	NM	1	NM	0	0	NM	1	0	0	0	0
Vermont	NM	1	NM	NM	1	0	0	0	0	0	0
Middle Atlantic	56	17	223.0%	NM	4	37	9	NM	1	3	3
New Jersey	NM	0	NM	0	0	NM	0	NM	0	0	0
New York	40	7	431.0%	NM	3	24	3	NM	1	0	1
Pennsylvania	13	10	30.0%	NM	0	9	7	1	1	3	2
East North Central	NM	58	NM	NM	34	23	24	0	0	NM	0
Illinois	4	9	-53.0%	NM	1	3	8	NM	0	0	0
Indiana	17	8	114.0%	17	8	0	0	0	0	0	0
Michigan	14	13	4.2%	14	13	0	0	NM	0	0	0
Ohio	27	18	52.0%	7	3	20	15	0	0	0	0
Wisconsin	NM	10	NM	NM	10	0	0	NM	0	NM	0
West North Central	NM	72	NM	NM	72	NM	0	0	0	0	0
Iowa	NM	10	NM	NM	10	NM	0	0	0	NM	0
Kansas	15	13	16.0%	15	13	0	0	0	0	0	0
Minnesota	NM	18	NM	NM	18	NM	0	0	0	0	0
Missouri	23	16	49.0%	23	16	0	0	0	0	0	0
Nebraska	NM	5	NM	NM	5	0	0	0	0	0	0
North Dakota	NM	9	NM	NM	9	0	0	0	0	0	0
South Dakota	NM	2	NM	NM	2	0	0	NM	NM	0	0
South Atlantic	119	159	-25.0%	86	112	21	25	NM	9	12	13
Delaware	4	3	49.0%	0	0	4	3	0	0	0	0
District of Columbia	NM	0	NM	0	0	0	0	NM	0	0	0
Florida	32	18	78.0%	30	16	1	1	0	0	0	0
Georgia	19	21	-11.0%	8	8	NM	2	0	NM	9	11
Maryland	11	9	20.0%	NM	0	11	9	0	0	0	0
North Carolina	17	25	-32.0%	15	23	1	1	NM	0	1	1
South Carolina	19	16	20.0%	17	15	1	0	0	0	1	0
Virginia	6	28	-77.0%	NM	11	3	9	0	8	1	0
West Virginia	12	39	-70.0%	12	39	0	0	0	0	0	0
East South Central	45	43	4.0%	43	42	NM	NM	0	0	2	1
Alabama	2	9	-81.0%	NM	9	NM	NM	0	0	2	0
Kentucky	15	15	-0.1%	15	15	0	0	0	0	0	0
Mississippi	1	1	-28.0%	1	1	0	0	0	0	0	1
Tennessee	27	18	54.0%	27	18	0	0	0	0	0	0
West South Central	47	32	45.0%	30	15	17	17	NM	0	1	0
Arkansas	NM	6	NM	NM	4	0	2	0	0	NM	0
Louisiana	2	1	278.0%	2	1	0	0	0	0	0	0
Oklahoma	6	4	56.0%	5	4	0	0	0	0	0	0
Texas	37	22	65.0%	20	6	16	16	NM	0	0	0
Mountain	NM	59	NM	NM	58	3	1	NM	0	0	0
Arizona	NM	5	NM	NM	5	0	0	NM	0	0	0
Colorado	NM	33	NM	NM	33	0	0	0	0	0	0
Idaho	0	0	-100.0%	0	0	0	0	0	0	0	0
Montana	3	1	241.0%	NM	0	3	1	0	0	0	0
Nevada	1	2	-74.0%	0	2	0	0	0	0	0	0
New Mexico	NM	10	NM	NM	10	0	0	0	0	0	0
Utah	7	3	108.0%	7	3	0	0	0	0	0	0
Wyoming	5	5	4.4%	5	5	0	0	0	0	0	0
Pacific Contiguous	NM	13	NM	NM	6	1	5	3	2	1	0
California	NM	11	NM	NM	5	1	3	3	2	NM	0
Oregon	NM	0	NM	0	0	0	0	NM	0	0	0
Washington	NM	2	NM	NM	1	NM	1	0	0	0	0
Pacific Noncontiguous	1,103	1,178	-6.3%	920	967	162	191	2	1	19	19
Alaska	150	150	-0.5%	145	145	0	0	0	0	5	6
Hawaii	954	1,027	-7.2%	776	822	162	191	2	1	14	13
U.S. Total	1,633	1,671	-2.2%	1,291	1,313	294	304	11	15	37	38

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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 November 2024 and November 2023 (Thousand Barrels)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	604	711	-15.0%	79	60	493	615	22	23	10	13
Connecticut	266	258	3.3%	7	8	257	246	NM	1	1	2
Maine	64	107	-40.0%	0	0	56	96	0	0	9	10
Massachusetts	195	188	3.7%	62	45	122	133	NM	10	1	0
New Hampshire	48	108	-55.0%	0	0	NM	98	9	10	0	0
Rhode Island	NM	43	NM	0	0	NM	42	NM	1	0	0
Vermont	10	7	36.0%	10	7	0	0	0	0	0	0
Middle Atlantic	1,155	1,018	13.0%	332	260	745	670	38	49	40	39
New Jersey	47	56	-16.0%	0	0	45	54	NM	2	0	0
New York	900	790	14.0%	331	259	537	488	27	33	5	10
Pennsylvania	207	171	21.0%	1	1	162	128	9	14	35	28
East North Central	785	769	2.1%	545	535	230	224	2	2	8	8
Illinois	51	54	-6.8%	13	13	38	42	0	0	0	0
Indiana	163	187	-12.0%	162	170	0	15	1	0	0	1
Michigan	163	162	0.6%	162	159	0	0	0	0	2	3
Ohio	229	195	18.0%	34	25	191	166	1	1	2	3
Wisconsin	NM	171	NM	NM	168	0	1	1	0	4	1
West North Central	1,207	979	23.0%	1,198	971	NM	4	2	2	2	3
Iowa	149	129	16.0%	145	126	3	3	0	NM	NM	0
Kansas	251	141	78.0%	251	141	0	0	0	0	0	0
Minnesota	NM	154	NM	NM	149	NM	1	2	2	2	2
Missouri	436	319	37.0%	436	319	0	0	0	0	0	0
Nebraska	NM	90	NM	NM	90	0	0	0	0	0	0
North Dakota	85	96	-11.0%	85	96	0	0	0	0	0	0
South Dakota	NM	51	NM	NM	50	0	0	NM	NM	0	0
South Atlantic	2,015	1,621	24.0%	1,207	1,097	610	321	64	67	134	136
Delaware	NM	35	NM	0	2	NM	33	0	0	0	0
District of Columbia	NM	0	NM	0	0	0	0	NM	0	0	0
Florida	345	380	-9.3%	322	352	NM	23	0	0	4	5
Georgia	228	171	33.0%	96	60	NM	10	1	1	105	100
Maryland	380	170	123.0%	3	2	376	168	NM	1	0	NM
North Carolina	284	172	65.0%	234	146	38	10	NM	3	7	13
South Carolina	173	154	12.0%	161	144	3	4	1	0	8	6
Virginia	357	264	35.0%	188	120	103	71	56	62	10	11
West Virginia	203	274	-26.0%	203	270	0	4	0	0	0	0
East South Central	355	382	-7.0%	335	360	NM	NM	0	0	19	21
Alabama	36	48	-24.0%	19	28	NM	NM	0	0	17	19
Kentucky	113	110	3.1%	113	110	0	0	0	0	0	0
Mississippi	11	10	7.1%	9	9	0	0	0	0	2	1
Tennessee	194	214	-9.1%	194	213	NM	0	0	0	0	0
West South Central	746	590	26.0%	423	345	315	239	NM	0	7	5
Arkansas	58	74	-22.0%	48	59	10	15	0	0	NM	0
Louisiana	NM	15	NM	NM	15	0	0	0	0	0	0
Oklahoma	53	40	35.0%	49	37	0	0	0	0	4	3
Texas	609	461	32.0%	300	235	305	224	NM	0	3	2
Mountain	902	832	8.5%	866	807	35	24	NM	0	0	1
Arizona	56	54	3.8%	56	54	0	0	NM	0	0	0
Colorado	514	467	10.0%	507	466	7	1	0	0	0	1
Idaho	0	0	-55.0%	0	0	0	0	0	0	0	0
Montana	36	16	121.0%	12	0	24	16	0	0	0	0
Nevada	12	16	-27.0%	9	14	2	2	0	0	0	0
New Mexico	NM	139	NM	NM	139	0	0	0	0	0	0
Utah	57	52	9.7%	55	47	2	5	0	0	0	0
Wyoming	83	87	-5.6%	83	87	0	0	0	0	0	0
Pacific Contiguous	169	179	-5.5%	NM	89	33	24	26	20	15	46
California	116	134	-14.0%	59	59	18	14	26	19	13	42
Oregon	NM	0	NM	0	0	0	0	NM	0	0	0
Washington	NM	45	NM	NM	29	15	10	0	1	2	5
Pacific Noncontiguous	12,319	12,550	-1.8%	10,407	10,475	1,682	1,854	15	16	215	204
Alaska	1,688	1,458	16.0%	1,616	1,395	0	0	3	2	69	62
Hawaii	10,630	11,092	-4.2%	8,791	9,081	1,682	1,854	12	15	145	143
U.S. Total	20,256	19,631	3.2%	15,489	15,001	4,147	3,976	169	179	452	475

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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, November 2024 and November 2023 (Thousand Tons)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 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	56	43	30.0%	32	30	19	9	0	0	6	5
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	37	35	7.7%	32	30	0	0	0	0	6	5
Ohio	19	9	120.0%	0	0	19	9	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	13	20	-33.0%	12	18	0	0	0	0	NM	2
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	12	18	-32.0%	12	18	0	0	0	0	0	0
Georgia	NM	2	NM	0	0	0	0	0	0	NM	2
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	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	1	30.0%	0	0	0	0	0	0	2	1
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	2	1	30.0%	0	0	0	0	0	0	2	1
Mountain	8	15	-45.0%	0	0	8	15	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	8	15	-45.0%	0	0	8	15	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	80	80	-0.1%	44	49	27	24	0	0	9	8

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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 November 2024 and November 2023 (Thousand Tons)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 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	930	933	-0.2%	630	500	248	374	0	0	53	59
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	681	540	26.0%	628	482	0	0	0	0	53	59
Ohio	248	374	-34.0%	0	0	248	374	0	0	0	0
Wisconsin	1	18	-93.0%	1	18	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	246	366	-33.0%	243	350	0	0	0	0	3	15
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	243	350	-31.0%	243	350	0	0	0	0	0	0
Georgia	3	15	-81.0%	0	0	0	0	0	0	3	15
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	0	0	--	0	0	0	0	0	0	0	0
South Carolina	0	0	--	0	0	0	0	0	0	0	0
Virginia	0	0	--	0	0	0	0	0	0	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	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	419	-91.0%	15	396	0	0	0	0	22	23
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	15	396	-96.0%	15	396	0	0	0	0	0	0
Oklahoma	0	0	--	0	0	0	0	0	0	0	0
Texas	22	23	-3.6%	0	0	0	0	0	0	22	23
Mountain	125	163	-24.0%	0	0	125	163	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	125	163	-24.0%	0	0	125	163	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	1,339	1,881	-29.0%	888	1,247	373	537	1	0	78	97

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 for 2024 are preliminary. Values for 2023 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.11.A. Consumption of Natural Gas for Electricity Generation by State, by Sector, November 2024 and November 2023 (Million Cubic Feet)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	34,164	32,463	5.2%	NM	99	33,004	31,332	445	431	574	601
Connecticut	16,054	14,366	12.0%	28	27	15,597	13,905	122	134	307	299
Maine	1,978	2,872	-31.0%	0	0	1,901	2,764	12	11	65	97
Massachusetts	10,612	7,947	34.0%	NM	70	10,139	7,550	294	265	67	62
New Hampshire	130	1,520	-91.0%	0	0	114	1,497	5	6	11	17
Rhode Island	5,388	5,756	-6.4%	0	0	5,253	5,616	12	15	124	125
Vermont	1	2	-59.0%	1	2	0	0	0	0	0	0
Middle Atlantic	131,618	125,164	5.2%	8,730	8,248	119,853	113,968	646	671	2,388	2,277
New Jersey	17,352	20,663	-16.0%	NM	139	16,942	20,148	147	181	189	195
New York	37,511	38,073	-1.5%	8,635	8,095	28,118	29,266	438	427	320	285
Pennsylvania	76,754	66,428	16.0%	21	14	74,794	64,554	60	63	1,879	1,797
East North Central	126,523	121,868	3.8%	52,510	42,140	70,901	76,299	647	629	2,465	2,800
Illinois	14,000	14,653	-4.5%	1,952	1,753	11,335	12,228	171	181	542	490
Indiana	21,255	19,332	9.9%	11,388	8,610	8,975	9,246	83	80	809	1,396
Michigan	29,487	29,236	0.9%	18,913	14,442	10,020	14,291	256	241	298	262
Ohio	47,430	44,356	6.9%	6,573	3,598	40,571	40,533	88	84	197	140
Wisconsin	14,351	14,292	0.4%	13,684	13,737	0	0	50	43	618	512
West North Central	25,989	23,718	9.6%	21,085	19,452	3,849	3,358	161	165	894	742
Iowa	4,014	4,456	-9.9%	3,634	4,113	0	0	79	75	301	267
Kansas	3,900	2,885	35.0%	3,682	2,732	0	0	0	0	218	153
Minnesota	8,990	8,068	11.0%	5,248	4,999	3,415	2,792	38	33	288	245
Missouri	4,701	4,175	13.0%	4,217	3,543	434	566	38	53	11	13
Nebraska	942	705	34.0%	919	678	0	0	5	4	18	23
North Dakota	2,167	2,022	7.2%	2,151	2,013	0	0	0	0	16	9
South Dakota	1,276	1,407	-9.3%	1,234	1,375	0	0	0	0	42	32
South Atlantic	226,210	212,575	6.4%	186,984	171,936	36,262	37,694	602	544	2,362	2,401
Delaware	1,840	1,774	3.7%	78	8	1,322	1,314	0	0	440	452
District of Columbia	106	43	146.0%	0	0	0	0	106	43	0	0
Florida	110,699	98,767	12.0%	103,150	93,287	6,902	4,847	NM	46	594	587
Georgia	30,330	27,635	9.8%	25,295	21,471	4,648	5,781	0	0	387	383
Maryland	5,753	9,267	-38.0%	570	1,600	4,857	7,318	303	326	23	23
North Carolina	31,567	31,369	0.6%	28,283	26,277	3,111	4,892	122	124	52	75
South Carolina	11,867	13,937	-15.0%	11,303	13,519	485	337	0	0	80	81
Virginia	29,618	25,178	18.0%	16,632	14,347	12,410	10,271	19	4	558	556
West Virginia	4,428	4,606	-3.9%	1,672	1,428	2,527	2,935	0	0	229	243
East South Central	88,838	82,268	8.0%	66,374	57,694	20,567	22,733	76	67	1,822	1,775
Alabama	35,634	38,191	-6.7%	14,367	15,228	20,493	22,088	0	0	774	875
Kentucky	9,251	9,454	-2.1%	9,103	8,739	62	644	0	0	86	71
Mississippi	34,219	25,511	34.0%	33,961	25,323	12	0	0	0	246	187
Tennessee	9,734	9,113	6.8%	8,943	8,404	0	0	76	67	716	642
West South Central	228,236	220,934	3.3%	97,560	88,258	100,578	98,299	316	352	29,782	34,025
Arkansas	12,826	10,321	24.0%	12,722	9,888	0	291	NM	24	73	119
Louisiana	41,067	44,257	-7.2%	28,248	28,463	2,619	1,905	NM	73	10,184	13,816
Oklahoma	26,810	21,960	22.0%	16,741	15,468	9,774	6,068	0	0	295	423
Texas	147,532	144,395	2.2%	39,849	34,439	88,185	90,035	269	255	19,229	19,666
Mountain	75,622	76,452	-1.1%	60,950	61,215	13,425	14,054	181	192	1,066	990
Arizona	30,306	30,324	-0.1%	21,629	21,542	8,635	8,734	42	48	0	0
Colorado	11,886	10,380	15.0%	9,723	8,907	2,070	1,369	2	2	91	102
Idaho	4,028	4,146	-2.8%	2,978	3,086	961	1,000	14	13	75	47
Montana	1,040	964	8.0%	968	859	NM	105	0	0	NM	0
Nevada	11,986	12,304	-2.6%	11,645	11,786	72	224	18	20	250	274
New Mexico	5,462	9,455	-42.0%	3,808	6,879	1,546	2,534	NM	43	69	0
Utah	6,216	7,019	-11.0%	5,876	6,672	NM	88	66	67	204	192
Wyoming	4,698	1,860	153.0%	4,322	1,485	0	1	0	0	377	374
Pacific Contiguous	74,563	88,056	-15.0%	35,530	35,616	32,957	46,523	683	688	5,393	5,228
California	49,455	61,806	-20.0%	19,829	18,469	24,035	37,889	665	686	4,926	4,763
Oregon	15,258	13,328	14.0%	7,893	8,027	7,285	5,253	14	0	67	48
Washington	9,850	12,921	-24.0%	7,809	9,121	1,637	3,382	3	2	401	417
Pacific Noncontiguous	2,104	2,605	-19.0%	2,086	2,581	0	0	0	0	18	24
Alaska	2,104	2,605	-19.0%	2,086	2,581	0	0	0	0	18	24
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	1,013,866	986,104	2.8%	531,950	487,240	431,397	444,261	3,755	3,741	46,764	50,862

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

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	392,860	375,400	4.7%	1,957	1,243	379,109	362,438	5,269	5,019	6,524	6,701
Connecticut	164,243	155,701	5.5%	307	407	159,006	150,542	1,438	1,429	3,492	3,324
Maine	30,026	24,491	23.0%	0	0	29,226	23,434	141	137	659	920
Massachusetts	104,240	97,054	7.4%	1,643	833	98,316	92,186	3,477	3,195	804	840
New Hampshire	30,443	29,422	3.5%	0	0	30,251	29,214	49	50	143	159
Rhode Island	63,899	68,726	-7.0%	0	0	62,311	67,062	162	205	1,426	1,459
Vermont	9	8	20.0%	7	3	0	0	2	4	0	0
Middle Atlantic	1,600,459	1,523,288	5.1%	109,265	97,978	1,457,969	1,391,528	7,644	7,369	25,580	26,414
New Jersey	204,055	215,074	-5.1%	1,673	1,517	198,552	209,815	1,769	1,681	2,060	2,061
New York	461,375	420,936	9.6%	107,377	96,306	345,132	316,407	5,236	4,965	3,630	3,258
Pennsylvania	935,029	887,278	5.4%	215	154	914,285	865,306	638	723	19,890	21,095
East North Central	1,581,063	1,461,806	8.2%	644,783	584,931	895,281	837,232	7,653	7,743	33,346	31,899
Illinois	217,217	191,763	13.0%	28,696	18,966	180,045	165,121	2,101	2,265	6,375	5,411
Indiana	269,950	248,774	8.5%	148,285	129,950	105,424	101,809	967	975	15,274	16,041
Michigan	375,864	353,704	6.3%	221,815	208,812	147,905	138,967	2,868	2,853	3,276	3,072
Ohio	539,981	497,366	8.6%	74,914	63,263	461,906	431,334	1,287	1,209	1,874	1,559
Wisconsin	178,051	170,199	4.6%	171,073	163,940	0	0	430	442	6,548	5,816
West North Central	358,695	324,819	10.0%	298,052	266,048	49,406	48,516	1,900	1,894	9,337	8,362
Iowa	61,883	64,633	-4.3%	57,976	61,111	NM	1	775	762	3,130	2,760
Kansas	51,576	41,030	26.0%	49,258	38,742	0	0	0	0	2,318	2,288
Minnesota	104,467	90,612	15.0%	67,018	57,297	34,020	30,268	406	439	3,023	2,608
Missouri	81,887	73,984	11.0%	65,718	54,923	15,383	18,248	664	680	123	135
Nebraska	15,843	13,563	17.0%	15,655	13,504	0	0	56	13	133	46
North Dakota	25,733	24,634	4.5%	25,574	24,529	0	0	0	0	159	105
South Dakota	17,306	16,363	5.8%	16,854	15,942	0	0	0	0	452	421
South Atlantic	2,858,202	2,750,402	3.9%	2,380,322	2,296,166	445,273	421,840	6,679	6,477	25,927	25,919
Delaware	29,139	30,374	-4.1%	702	181	24,081	25,125	0	0	4,356	5,068
District of Columbia	1,107	885	25.0%	0	0	0	0	1,107	885	0	0
Florida	1,362,504	1,314,328	3.7%	1,285,781	1,242,902	69,530	63,851	614	564	6,579	7,011
Georgia	382,814	399,136	-4.1%	312,154	324,126	65,631	70,550	0	0	5,029	4,460
Maryland	98,926	106,277	-6.9%	19,245	27,604	76,120	74,906	3,301	3,501	260	265
North Carolina	398,522	372,124	7.1%	343,497	315,720	53,009	54,295	1,391	1,376	625	733
South Carolina	158,094	168,665	-6.3%	150,864	163,669	6,342	4,083	0	0	888	913
Virginia	394,371	327,688	20.0%	262,712	215,971	125,638	106,328	265	150	5,755	5,238
West Virginia	32,725	30,925	5.8%	5,367	5,994	24,923	22,701	0	0	2,435	2,231
East South Central	1,058,988	978,260	8.3%	833,821	726,786	203,608	231,312	868	844	20,691	19,319
Alabama	418,342	400,240	4.5%	211,585	165,695	197,643	225,864	0	0	9,114	8,681
Kentucky	132,194	102,529	29.0%	125,541	96,408	5,873	5,371	0	0	780	751
Mississippi	395,684	371,146	6.6%	392,917	368,294	NM	77	0	0	2,675	2,775
Tennessee	112,767	104,345	8.1%	103,778	96,389	0	0	868	844	8,121	7,112
West South Central	3,037,268	2,950,725	2.9%	1,284,557	1,203,700	1,398,126	1,377,638	4,522	4,038	350,064	365,349
Arkansas	163,172	173,068	-5.7%	156,506	165,842	5,375	6,008	370	390	922	828
Louisiana	504,357	487,807	3.4%	341,687	312,614	32,517	35,754	255	337	129,898	139,103
Oklahoma	361,050	335,694	7.6%	258,736	235,180	98,998	96,891	3	0	3,314	3,623
Texas	2,008,688	1,954,156	2.8%	527,628	490,065	1,261,236	1,238,985	3,895	3,310	215,930	221,796
Mountain	969,440	918,508	5.5%	782,297	729,527	172,451	175,395	2,156	2,066	12,536	11,520
Arizona	387,676	371,027	4.5%	277,633	262,071	109,486	108,424	557	532	0	0
Colorado	130,923	123,334	6.2%	107,891	104,310	21,891	17,936	26	13	1,115	1,075
Idaho	44,809	41,826	7.1%	32,313	30,181	11,580	10,970	155	154	760	520
Montana	9,859	9,248	6.6%	8,233	8,383	1,620	858	0	0	6	6
Nevada	171,451	164,468	4.2%	159,898	152,557	7,661	7,817	240	247	3,653	3,847
New Mexico	95,100	110,507	-14.0%	74,585	80,937	19,227	28,346	462	472	827	752
Utah	81,510	81,365	0.2%	77,869	78,415	975	1,037	717	647	1,949	1,265
Wyoming	48,112	16,734	188.0%	43,874	12,672	12	7	0	0	4,226	4,055
Pacific Contiguous	833,114	877,463	-5.1%	353,393	355,607	411,480	454,318	8,093	9,274	60,148	58,264
California	560,180	604,159	-7.3%	187,895	185,824	309,289	356,624	7,852	8,106	55,144	53,604
Oregon	157,078	146,849	7.0%	83,612	82,633	72,627	63,494	217	158	622	564
Washington	115,856	126,454	-8.4%	81,886	87,150	29,563	34,200	25	1,009	4,382	4,096
Pacific Noncontiguous	25,752	24,808	3.8%	25,613	24,563	0	0	2	1	138	244
Alaska	25,752	24,808	3.8%	25,613	24,563	0	0	2	1	138	244
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	12,715,841	12,185,480	4.4%	6,714,061	6,286,547	5,412,704	5,300,216	44,786	44,725	544,291	553,992

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

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

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	390	948	-59.0%	NM	99	287	834	21	15	0	0
Connecticut	NM	12	NM	0	0	NM	12	0	0	0	0
Maine	NM	35	NM	0	0	NM	35	0	0	0	0
Massachusetts	146	182	-20.0%	0	0	146	182	0	0	0	0
New Hampshire	111	178	-37.0%	0	0	91	163	21	15	0	0
Rhode Island	NM	424	NM	0	0	NM	424	0	0	0	0
Vermont	NM	115	NM	NM	99	0	17	0	0	0	0
Middle Atlantic	2,205	2,560	-14.0%	0	0	2,067	2,450	NM	29	111	82
New Jersey	185	273	-32.0%	0	0	183	271	NM	2	0	0
New York	1,053	1,299	-19.0%	0	0	1,053	1,299	0	0	0	0
Pennsylvania	968	988	-2.0%	0	0	831	880	NM	27	111	82
East North Central	2,870	3,301	-13.0%	434	460	2,423	2,789	11	31	2	22
Illinois	513	564	-9.1%	184	192	329	372	0	0	0	0
Indiana	340	387	-12.0%	251	267	89	119	0	0	0	0
Michigan	1,175	1,297	-9.4%	0	0	1,175	1,297	0	0	0	0
Ohio	246	243	1.1%	0	0	246	243	0	0	0	0
Wisconsin	596	809	-26.0%	0	0	583	756	11	31	2	22
West North Central	532	628	-15.0%	154	190	377	437	0	0	NM	1
Iowa	152	188	-19.0%	0	0	152	188	0	0	0	0
Kansas	119	129	-8.1%	0	0	119	129	0	0	0	0
Minnesota	NM	46	NM	NM	3	NM	43	0	0	0	0
Missouri	NM	121	NM	NM	43	NM	78	0	0	0	0
Nebraska	137	143	-4.1%	137	143	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	NM	1	NM	0	0	0	0	0	0	NM	1
South Atlantic	2,810	3,306	-15.0%	213	186	2,535	3,060	NM	17	NM	42
Delaware	96	107	-10.0%	0	0	NM	97	0	0	NM	10
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	547	666	-18.0%	94	45	453	622	0	0	0	0
Georgia	473	548	-14.0%	0	0	473	547	0	0	0	1
Maryland	108	125	-13.0%	0	0	108	125	0	0	0	0
North Carolina	614	657	-6.5%	0	0	614	657	0	0	0	0
South Carolina	151	174	-13.0%	119	142	0	1	0	0	NM	31
Virginia	818	1,020	-20.0%	0	0	800	1,003	NM	17	0	0
West Virginia	NM	9	NM	0	0	NM	9	0	0	0	0
East South Central	311	354	-12.0%	137	165	174	188	0	0	0	0
Alabama	NM	74	NM	0	0	NM	74	0	0	0	0
Kentucky	151	178	-15.0%	137	165	NM	13	0	0	0	0
Mississippi	NM	13	NM	0	0	NM	13	0	0	0	0
Tennessee	NM	89	NM	0	0	NM	89	0	0	0	0
West South Central	344	427	-19.0%	0	0	344	427	0	0	0	0
Arkansas	NM	52	NM	0	0	NM	52	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	NM	32	NM	0	0	NM	32	0	0	0	0
Texas	271	343	-21.0%	0	0	271	343	0	0	0	0
Mountain	471	589	-20.0%	NM	46	350	472	84	70	0	0
Arizona	NM	36	NM	0	0	NM	36	0	0	0	0
Colorado	NM	75	NM	0	0	NM	75	0	0	0	0
Idaho	127	138	-7.9%	NM	34	NM	53	NM	51	0	0
Montana	NM	13	NM	NM	13	0	0	0	0	0	0
Nevada	105	145	-28.0%	0	0	105	145	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	140	181	-22.0%	0	0	116	162	24	19	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	3,703	3,656	1.3%	126	138	2,652	2,640	925	877	0	0
California	3,259	3,103	5.0%	NM	9	2,357	2,246	896	848	0	0
Oregon	380	472	-19.0%	120	130	231	313	NM	29	0	0
Washington	NM	81	NM	0	0	NM	81	0	0	0	0
Pacific Noncontiguous	78	61	28.0%	0	0	0	0	78	61	0	0
Alaska	78	61	28.0%	0	0	0	0	78	61	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	13,715	15,829	-13.0%	1,185	1,284	11,208	13,298	1,165	1,099	157	147

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 for 2024 are preliminary. Values for 2023 are final. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Source: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report.

Table 2.12.B. Consumption of Landfill Gas for Electricity Generation by State, by Sector,
Year-to-Date through November 2024 and November 2023 (Million Cubic Feet)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	8,600	10,119	-15.0%	975	1,052	7,436	8,871	189	195	0	0
Connecticut	124	131	-5.9%	0	0	124	131	0	0	0	0
Maine	384	376	2.1%	0	0	384	376	0	0	0	0
Massachusetts	1,876	1,973	-4.9%	0	0	1,876	1,973	0	0	0	0
New Hampshire	1,284	1,934	-34.0%	0	0	1,095	1,739	189	195	0	0
Rhode Island	3,957	4,473	-12.0%	0	0	3,957	4,473	0	0	0	0
Vermont	975	1,231	-21.0%	975	1,052	0	179	0	0	0	0
Middle Atlantic	27,340	29,126	-6.1%	0	0	25,949	27,758	263	320	1,128	1,048
New Jersey	3,135	3,568	-12.0%	0	0	3,117	3,546	NM	22	0	0
New York	12,781	13,163	-2.9%	0	0	12,781	13,163	0	0	0	0
Pennsylvania	11,423	12,395	-7.8%	0	0	10,052	11,049	244	298	1,128	1,048
East North Central	34,479	38,879	-11.0%	5,306	5,420	28,897	33,040	88	231	188	188
Illinois	6,054	6,666	-9.2%	1,997	2,245	4,056	4,421	0	0	0	0
Indiana	4,301	4,350	-1.1%	3,309	3,175	992	1,175	0	0	0	0
Michigan	14,181	16,753	-15.0%	0	0	14,181	16,753	0	0	0	0
Ohio	2,891	3,101	-6.8%	0	0	2,891	3,101	0	0	0	0
Wisconsin	7,051	8,009	-12.0%	0	0	6,776	7,590	88	231	188	188
West North Central	6,500	6,595	-1.4%	1,994	2,024	4,494	4,559	0	0	NM	12
Iowa	1,895	2,035	-6.9%	0	0	1,895	2,035	0	0	0	0
Kansas	1,359	1,322	2.8%	0	0	1,359	1,322	0	0	0	0
Minnesota	443	435	1.7%	NM	28	417	408	0	0	0	0
Missouri	1,267	1,238	2.3%	444	444	823	794	0	0	0	0
Nebraska	1,525	1,552	-1.8%	1,525	1,552	0	0	0	0	0	0
North Dakota	0	0	--	0	0	0	0	0	0	0	0
South Dakota	NM	12	NM	0	0	0	0	0	0	NM	12
South Atlantic	33,581	36,198	-7.2%	2,611	2,182	30,414	33,362	169	187	387	466
Delaware	1,132	1,169	-3.2%	0	0	1,022	1,056	0	0	109	113
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	6,643	7,371	-9.9%	1,017	635	5,626	6,736	0	0	0	0
Georgia	5,691	5,989	-5.0%	0	0	5,689	5,972	0	0	2	17
Maryland	1,317	1,367	-3.6%	0	0	1,317	1,365	0	2	0	0
North Carolina	7,092	7,236	-2.0%	0	0	7,092	7,236	0	0	0	0
South Carolina	1,879	1,897	-0.9%	1,595	1,547	NM	14	0	0	275	336
Virginia	9,753	11,071	-12.0%	0	0	9,584	10,886	169	186	0	0
West Virginia	NM	98	NM	0	0	NM	98	0	0	0	0
East South Central	3,791	3,898	-2.7%	1,646	1,777	2,145	2,121	0	0	0	0
Alabama	782	795	-1.7%	0	0	782	795	0	0	0	0
Kentucky	1,909	2,014	-5.3%	1,646	1,777	262	237	0	0	0	0
Mississippi	149	137	9.1%	0	0	149	137	0	0	0	0
Tennessee	952	952	0.0%	0	0	952	952	0	0	0	0
West South Central	4,061	4,588	-11.0%	0	0	4,061	4,588	0	0	0	0
Arkansas	575	558	3.1%	0	0	575	558	0	0	0	0
Louisiana	0	0	--	0	0	0	0	0	0	0	0
Oklahoma	303	344	-12.0%	0	0	303	344	0	0	0	0
Texas	3,183	3,686	-14.0%	0	0	3,183	3,686	0	0	0	0
Mountain	5,261	6,339	-17.0%	500	497	3,971	5,074	789	768	0	0
Arizona	377	388	-2.8%	0	0	377	388	0	0	0	0
Colorado	700	810	-14.0%	0	0	700	810	0	0	0	0
Idaho	1,472	1,470	0.1%	370	361	472	573	630	536	0	0
Montana	130	136	-4.1%	130	136	0	0	0	0	0	0
Nevada	1,309	1,562	-16.0%	0	0	1,309	1,562	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	1,272	1,974	-36.0%	0	0	1,113	1,741	159	232	0	0
Wyoming	0	0	--	0	0	0	0	0	0	0	0
Pacific Contiguous	39,810	40,690	-2.2%	1,440	1,501	29,167	29,349	9,203	9,840	0	0
California	34,491	35,082	-1.7%	NM	94	25,500	25,459	8,924	9,529	0	0
Oregon	4,520	4,726	-4.3%	1,372	1,407	2,870	3,008	279	310	0	0
Washington	798	882	-9.5%	0	0	798	882	0	0	0	0
Pacific Noncontiguous	741	699	6.0%	0	0	0	0	741	699	0	0
Alaska	741	699	6.0%	0	0	0	0	741	699	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	164,162	177,130	-7.3%	14,474	14,454	136,534	148,721	11,440	12,240	1,714	1,714

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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, November 2024 and November 2023 (Thousand Tons)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	239	249	-4.2%	0	0	151	160	87	89	0	0
Connecticut	70	73	-4.1%	0	0	70	73	0	0	0	0
Maine	11	12	-9.5%	0	0	8	9	3	3	0	0
Massachusetts	148	155	-4.5%	0	0	64	69	85	86	0	0
New Hampshire	9	8	8.8%	0	0	9	8	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	388	407	-4.5%	0	0	159	172	229	235	0	0
New Jersey	100	105	-4.9%	0	0	29	30	71	75	0	0
New York	145	148	-1.9%	0	0	25	27	120	121	0	0
Pennsylvania	143	154	-6.9%	0	0	105	115	38	39	0	0
East North Central	15	14	6.2%	3	3	0	0	11	11	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	1	1	-4.0%	0	0	0	0	1	1	0	0
Michigan	10	10	4.6%	0	0	0	0	10	10	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	3	16.0%	3	3	0	0	0	0	0	0
West North Central	40	44	-9.2%	21	23	19	20	0	1	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	40	44	-9.2%	21	23	19	20	0	1	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	366	348	5.2%	0	0	208	174	158	174	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	246	247	-0.1%	0	0	159	153	88	94	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	50	21	131.0%	0	0	50	21	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	70	80	-12.0%	0	0	0	0	70	80	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	1	-26.0%	0	0	0	0	0	1	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	1	-26.0%	0	0	0	0	0	1	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	14	35	-58.0%	0	0	6	21	8	14	0	0
California	8	16	-49.0%	0	0	0	3	8	14	0	0
Oregon	6	8	-22.0%	0	0	6	8	0	0	0	0
Washington	0	10	-100.0%	0	0	0	10	0	0	0	0
Pacific Noncontiguous	37	34	11.0%	0	0	0	0	37	34	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	37	34	11.0%	0	0	0	0	37	34	0	0
U.S. Total	1,100	1,131	-2.7%	24	26	544	546	532	559	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 November 2024 and November 2023 (Thousand Tons)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	2,685	2,719	-1.2%	0	0	1,724	1,743	961	976	0	0
Connecticut	783	784	-0.2%	0	0	783	784	0	0	0	0
Maine	116	141	-18.0%	0	0	82	98	34	44	0	0
Massachusetts	1,687	1,693	-0.4%	0	0	760	761	927	932	0	0
New Hampshire	99	100	-1.0%	0	0	99	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	4,414	4,404	0.2%	0	0	1,811	1,852	2,603	2,552	0	0
New Jersey	1,164	1,151	1.1%	0	0	319	316	845	835	0	0
New York	1,605	1,579	1.6%	0	0	276	276	1,329	1,303	0	0
Pennsylvania	1,645	1,675	-1.8%	0	0	1,216	1,260	429	415	0	0
East North Central	153	148	3.1%	35	33	0	0	117	116	0	0
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	14	15	-9.7%	0	0	0	0	14	15	0	0
Michigan	104	101	3.1%	0	0	0	0	104	101	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	35	33	8.7%	35	33	0	0	0	0	0	0
West North Central	423	430	-1.6%	222	226	201	192	0	12	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	423	430	-1.6%	222	226	201	192	0	12	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	4,119	4,222	-2.4%	0	0	2,206	2,258	1,912	1,964	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	2,723	2,841	-4.1%	0	0	1,681	1,787	1,043	1,054	0	0
Georgia	0	0	--	0	0	0	0	0	0	0	0
Maryland	525	471	12.0%	0	0	525	471	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	870	910	-4.5%	0	0	0	0	870	910	0	0
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	0	0	--	0	0	0	0	0	0	0	0
Alabama	0	0	--	0	0	0	0	0	0	0	0
Kentucky	0	0	--	0	0	0	0	0	0	0	0
Mississippi	0	0	--	0	0	0	0	0	0	0	0
Tennessee	0	0	--	0	0	0	0	0	0	0	0
West South Central	4	1	715.0%	0	0	0	0	4	1	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	4	1	715.0%	0	0	0	0	4	1	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	292	422	-31.0%	0	0	208	308	84	114	0	0
California	94	227	-59.0%	0	0	10	113	84	114	0	0
Oregon	69	64	8.3%	0	0	69	64	0	0	0	0
Washington	129	131	-1.3%	0	0	129	131	0	0	0	0
Pacific Noncontiguous	348	344	1.1%	0	0	0	0	348	344	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	348	344	1.1%	0	0	0	0	348	344	0	0
U.S. Total	12,438	12,691	-2.0%	258	259	6,151	6,353	6,030	6,079	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 2.14.A. Consumption of Wood / Wood Waste Biomass for Electricity Generation by State, by Sector, November 2024 and November 2023 (Billion Btus)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	2,362	2,576	-8.3%	254	199	1,838	2,128	1	1	270	248
Connecticut	211	245	-14.0%	0	0	211	245	0	0	0	0
Maine	890	1,047	-15.0%	0	0	620	799	0	0	270	248
Massachusetts	NM	124	NM	0	0	NM	124	0	0	0	0
New Hampshire	747	741	0.9%	0	0	747	741	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	487	419	16.0%	254	199	233	219	1	1	0	0
Middle Atlantic	202	168	20.0%	0	0	0	0	0	0	202	168
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	74	70	5.6%	0	0	0	0	0	0	74	70
Pennsylvania	128	98	31.0%	0	0	0	0	0	0	128	98
East North Central	1,659	2,004	-17.0%	376	535	835	986	0	0	447	483
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	1,113	1,288	-14.0%	0	0	831	983	0	0	282	305
Ohio	64	64	0.2%	0	0	4	3	0	0	60	61
Wisconsin	482	651	-26.0%	376	535	0	0	0	0	105	116
West North Central	471	455	3.5%	NM	25	92	112	76	55	285	263
Iowa	0	3	-100.0%	0	0	0	0	0	3	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	432	418	3.3%	NM	25	92	112	52	35	270	247
Missouri	24	18	34.0%	0	0	0	0	24	18	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	17	NM	0	0	0	0	0	0	NM	17
South Atlantic	8,477	8,436	0.5%	1,294	1,259	2,938	2,871	0	0	4,246	4,306
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	497	632	-21.0%	47	202	0	0	0	0	449	431
Georgia	3,689	3,417	8.0%	0	0	1,855	1,641	0	0	1,834	1,776
Maryland	0	0	--	0	0	0	0	0	0	0	0
North Carolina	622	750	-17.0%	0	0	219	275	0	0	403	475
South Carolina	1,000	1,295	-23.0%	0	0	506	503	0	0	494	792
Virginia	2,669	2,340	14.0%	1,246	1,058	358	451	0	0	1,065	832
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	2,607	2,645	-1.4%	0	0	0	0	0	0	2,607	2,645
Alabama	1,821	1,898	-4.0%	0	0	0	0	0	0	1,821	1,898
Kentucky	133	118	13.0%	0	0	0	0	0	0	133	118
Mississippi	505	443	14.0%	0	0	0	0	0	0	505	443
Tennessee	148	186	-21.0%	0	0	0	0	0	0	148	186
West South Central	1,778	1,751	1.6%	0	26	0	0	0	0	1,778	1,725
Arkansas	351	312	13.0%	0	0	0	0	0	0	351	312
Louisiana	876	960	-8.8%	0	0	0	0	0	0	876	960
Oklahoma	152	0	--	0	0	0	0	0	0	152	0
Texas	400	480	-17.0%	0	26	0	0	0	0	400	453
Mountain	489	535	-8.6%	0	0	328	374	0	0	161	160
Arizona	322	275	17.0%	0	0	322	275	0	0	0	0
Colorado	0	95	-100.0%	0	0	0	95	0	0	0	0
Idaho	146	144	1.5%	0	0	6	4	0	0	140	140
Montana	20	20	0.9%	0	0	0	0	0	0	20	20
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	4,472	4,229	5.8%	405	476	2,448	2,246	0	0	1,619	1,506
California	3,123	2,591	21.0%	0	0	2,288	1,977	0	0	835	613
Oregon	532	670	-21.0%	0	0	160	269	0	0	373	401
Washington	816	968	-16.0%	405	476	0	0	0	0	412	492
Pacific Noncontiguous	NM	0	NM	0	0	NM	0	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	0	NM	0	0	NM	0	0	0	0	0
U.S. Total	22,518	22,798	-1.2%	2,347	2,521	8,480	8,717	76	56	11,615	11,503

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 for 2024 are preliminary. Values for 2023 are final. 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 November 2024 and November 2023 (Billion Btus)

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	25,241	27,099	-6.9%	2,467	2,457	20,114	22,001	7	6	2,654	2,636
Connecticut	2,388	2,593	-7.9%	0	0	2,388	2,593	0	0	0	0
Maine	10,103	10,571	-4.4%	0	0	7,450	7,935	0	0	2,654	2,636
Massachusetts	568	660	-14.0%	0	0	568	660	0	0	0	0
New Hampshire	7,701	8,556	-10.0%	0	0	7,701	8,556	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	4,481	4,720	-5.1%	2,467	2,457	2,007	2,257	7	6	0	0
Middle Atlantic	2,097	3,518	-40.0%	0	0	3	1,413	0	0	2,094	2,106
New Jersey	0	0	--	0	0	0	0	0	0	0	0
New York	788	2,114	-63.0%	0	0	0	1,408	0	0	788	706
Pennsylvania	1,310	1,404	-6.8%	0	0	3	5	0	0	1,307	1,399
East North Central	18,684	20,604	-9.3%	4,551	5,273	9,540	10,870	0	0	4,593	4,462
Illinois	0	0	--	0	0	0	0	0	0	0	0
Indiana	0	0	--	0	0	0	0	0	0	0	0
Michigan	12,406	13,420	-7.6%	0	0	9,497	10,824	0	0	2,908	2,595
Ohio	585	737	-21.0%	0	0	43	45	0	0	542	692
Wisconsin	5,693	6,447	-12.0%	4,551	5,273	0	0	0	0	1,143	1,175
West North Central	4,749	4,498	5.6%	212	200	1,000	989	635	610	2,902	2,699
Iowa	41	43	-5.1%	0	0	0	0	41	43	0	0
Kansas	0	0	--	0	0	0	0	0	0	0	0
Minnesota	4,304	4,095	5.1%	212	200	1,000	989	362	373	2,730	2,533
Missouri	232	194	20.0%	0	0	0	0	232	194	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	172	166	3.3%	0	0	0	0	0	0	172	166
South Atlantic	97,324	98,627	-1.3%	18,108	19,353	30,740	31,417	0	42	48,475	47,815
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	8,743	8,651	1.1%	3,994	3,997	0	0	0	0	4,749	4,654
Georgia	40,844	40,068	1.9%	0	0	19,740	19,088	0	0	21,103	20,980
Maryland	0	42	-100.0%	0	0	0	0	0	42	0	0
North Carolina	6,914	7,792	-11.0%	0	0	2,567	2,973	0	0	4,347	4,819
South Carolina	13,161	13,552	-2.9%	0	0	4,941	5,578	0	0	8,220	7,974
Virginia	27,662	28,522	-3.0%	14,114	15,356	3,492	3,778	0	0	10,056	9,388
West Virginia	0	0	--	0	0	0	0	0	0	0	0
East South Central	28,321	28,316	0.0%	0	0	0	0	0	0	28,321	28,316
Alabama	19,697	19,442	1.3%	0	0	0	0	0	0	19,697	19,442
Kentucky	1,432	1,391	2.9%	0	0	0	0	0	0	1,432	1,391
Mississippi	5,454	5,714	-4.5%	0	0	0	0	0	0	5,454	5,714
Tennessee	1,739	1,769	-1.7%	0	0	0	0	0	0	1,739	1,769
West South Central	21,949	22,719	-3.4%	2,689	4,169	0	0	0	0	19,260	18,550
Arkansas	3,535	3,169	12.0%	0	0	0	0	0	0	3,535	3,169
Louisiana	9,688	9,698	-0.1%	0	0	0	0	0	0	9,688	9,698
Oklahoma	1,554	1,184	31.0%	0	0	0	0	0	0	1,554	1,184
Texas	7,173	8,667	-17.0%	2,689	4,169	0	0	0	0	4,484	4,498
Mountain	4,368	5,642	-23.0%	0	0	2,984	4,031	0	0	1,384	1,611
Arizona	2,709	2,995	-9.5%	0	0	2,709	2,995	0	0	0	0
Colorado	209	924	-77.0%	0	0	209	924	0	0	0	0
Idaho	1,269	1,505	-16.0%	0	0	66	112	0	0	1,203	1,393
Montana	181	218	-17.0%	0	0	0	0	0	0	181	218
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	48,049	53,683	-10.0%	3,805	4,187	26,108	30,093	0	0	18,137	19,404
California	33,467	36,795	-9.0%	0	0	24,116	27,958	0	0	9,351	8,838
Oregon	6,050	6,014	0.6%	0	0	1,991	2,135	0	0	4,059	3,879
Washington	8,532	10,874	-22.0%	3,805	4,187	0	0	0	0	4,727	6,688
Pacific Noncontiguous	NM	2	NM	0	0	NM	2	0	0	0	0
Alaska	0	0	--	0	0	0	0	0	0	0	0
Hawaii	NM	2	NM	0	0	NM	2	0	0	0	0
U.S. Total	250,785	264,709	-5.3%	31,832	35,637	90,492	100,815	642	658	127,819	127,598

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 for 2024 are preliminary. Values for 2023 are final. 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 - November 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	133,253	24,402	427	111,749	15,353	421	21,504	9,050	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	92,714	24,410	385	77,005	15,167	360	15,709	9,243	25
February	99,760	24,622	380	82,205	15,413	355	17,554	9,209	24
March	109,041	24,059	534	89,836	15,370	505	19,205	8,689	29
April	119,671	24,068	644	98,769	15,363	598	20,902	8,704	46
May	128,001	23,882	600	105,833	15,175	591	22,168	8,708	9
June	129,404	24,066	533	106,626	15,299	525	22,778	8,767	8
July	123,131	24,065	440	101,818	15,422	434	21,313	8,643	6
August	118,113	23,416	356	97,973	15,018	348	20,140	8,398	8
Sept	118,271	23,469	279	98,243	15,117	273	20,027	8,352	6
October	123,265	23,257	284	102,672	14,998	279	20,593	8,258	5
November	131,208	23,335	369	109,778	14,910	356	21,430	8,425	13
December	133,253	24,402	427	111,749	15,353	421	21,504	9,050	7
Year 2024, End of Month Stocks									
January	124,175	23,807	312	104,633	14,954	306	19,542	8,852	6
February	129,330	23,784	308	108,265	14,870	300	21,065	8,914	8
March	135,677	23,606	333	112,765	14,776	328	22,912	8,830	5
April	139,008	23,151	309	115,410	14,575	302	23,598	8,575	7
May	139,985	23,064	312	116,605	14,448	306	23,379	8,617	6
June	135,366	23,176	322	112,482	14,517	317	22,884	8,658	5
July	127,493	22,798	384	105,992	14,279	379	21,501	8,520	6
August	121,857	22,197	390	101,136	13,913	384	20,721	8,283	6
Sept	122,752	22,814	444	101,413	14,119	439	21,339	8,695	5
October	127,917	21,859	428	105,416	13,722	421	22,501	8,136	7
November	131,111	21,856	404	107,774	13,627	400	23,337	8,229	4

Notes: See Glossary for definitions. Values for 2023 and prior years are final. Values for 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, November 2024 and 2023

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	November 2024	November 2023	Percentage Change	November 2024	November 2023	Percentage Change	November 2024	November 2023	Percentage Change
New England	W	W	W	2,079	2,248	-7.5%	0	0	--
Connecticut	0	0	--	524	680	-23.0%	0	0	--
Maine	0	0	--	277	298	-6.9%	0	0	--
Massachusetts	0	0	--	890	927	-4.0%	0	0	--
New Hampshire	W	W	W	253	193	31.0%	0	0	--
Rhode Island	0	0	--	109	119	-8.9%	0	0	--
Vermont	0	0	--	27	30	-10.5%	0	0	--
Middle Atlantic	2,188	2,436	-10.2%	4,407	4,617	-4.6%	0	0	--
New Jersey	0	0	--	476	453	5.1%	0	0	--
New York	0	0	--	2,677	2,906	-7.9%	0	0	--
Pennsylvania	2,188	2,436	-10.2%	1,254	1,259	-0.4%	0	0	--
East North Central	27,450	27,654	-0.7%	932	1,471	-36.7%	W	W	W
Illinois	6,875	5,946	15.6%	92	78	17.2%	0	0	--
Indiana	9,506	9,584	-0.8%	108	114	-5.1%	0	0	--
Michigan	3,593	4,010	-10.4%	155	191	-18.7%	W	W	W
Ohio	4,285	4,381	-2.2%	429	406	5.7%	0	W	W
Wisconsin	3,190	3,733	-14.5%	148	682	-78.3%	W	W	W
West North Central	26,619	25,969	2.5%	917	957	-4.2%	0	0	--
Iowa	5,031	4,695	7.2%	75	93	-18.8%	0	0	--
Kansas	5,827	5,187	12.3%	157	190	-17.0%	0	0	--
Minnesota	2,549	2,781	-8.3%	104	111	-6.8%	0	0	--
Missouri	8,182	7,871	3.9%	443	396	11.8%	0	0	--
Nebraska	3,094	3,407	-9.2%	65	79	-18.0%	0	0	--
North Dakota	W	W	W	27	37	-24.8%	0	0	--
South Dakota	W	W	W	45	52	-12.1%	0	0	--
South Atlantic	20,314	21,071	-3.6%	9,265	9,139	1.4%	W	W	W
Delaware	W	W	W	465	384	21.0%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	1,826	2,017	-9.4%	3,704	3,795	-2.4%	W	W	W
Georgia	W	W	W	1,168	1,141	2.4%	0	0	--
Maryland	W	772	W	658	631	4.3%	0	0	--
North Carolina	4,174	3,849	8.4%	1,110	1,105	0.4%	0	0	--
South Carolina	2,167	2,561	-15.4%	547	540	1.2%	0	0	--
Virginia	W	W	W	1,454	1,394	4.3%	0	0	--
West Virginia	6,963	6,631	5.0%	160	149	7.2%	W	W	W
East South Central	11,686	12,965	-9.9%	981	1,090	-10.0%	0	0	--
Alabama	3,352	3,769	-11.1%	251	248	1.2%	0	0	--
Kentucky	5,897	6,865	-14.1%	273	275	-0.5%	0	0	--
Mississippi	W	W	W	NM	3	NM	0	0	--
Tennessee	W	W	W	450	564	-20.2%	0	0	--
West South Central	24,673	25,697	-4.0%	1,826	1,979	-7.7%	W	W	W
Arkansas	3,903	4,309	-9.4%	168	158	6.5%	0	0	--
Louisiana	4,242	3,951	7.4%	170	187	-8.8%	W	W	W
Oklahoma	3,794	4,555	-16.7%	19	41	-54.4%	0	0	--
Texas	12,734	12,882	-1.1%	1,469	1,593	-7.8%	0	0	--
Mountain	W	14,438	W	305	317	-3.9%	W	W	W
Arizona	3,744	3,672	2.0%	124	125	-0.9%	0	0	--
Colorado	W	3,681	W	107	106	0.8%	0	0	--
Idaho	0	0	--	0	0	68.5%	0	0	--
Montana	W	W	W	13	13	2.6%	W	W	W
Nevada	W	W	W	2	3	-19.3%	0	0	--
New Mexico	0	0	--	NM	4	NM	0	0	--
Utah	3,866	2,363	63.6%	28	28	2.9%	0	0	--
Wyoming	5,026	W	W	28	39	-28.9%	0	0	--
Pacific Contiguous	W	W	W	333	333	-0.1%	0	0	--
California	0	0	--	153	171	-10.6%	0	0	--
Oregon	0	0	--	61	57	7.3%	0	0	--
Washington	W	W	W	120	106	13.1%	0	0	--
Pacific Noncontiguous	0	W	W	811	1,182	-31.4%	0	0	--
Alaska	0	W	W	7	68	-90.4%	0	0	--
Hawaii	0	0	--	804	1,114	-27.8%	0	0	--
U.S. Total	131,111	131,208	-0.1%	21,856	23,335	-6.3%	404	369	9.6%

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

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

W = Withheld to avoid disclosure of individual company data.

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

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

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

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

Table 3.3 Stocks of Coal, Petroleum Liquids, and Petroleum Coke:
Electric Power Sector, by Census Divison, November 2024 and 2023

	Electric Power Sector			Electric Utilities		Independent Power Producers	
Census Division	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023
Coal (Thousand Tons)							
New England	W	W	W	0	0	W	W
Middle Atlantic	2,188	2,436	-10.2%	W	W	W	W
East North Central	27,450	27,654	-0.7%	17,832	18,813	9,617	8,840
West North Central	26,619	25,969	2.5%	26,619	25,969	0	0
South Atlantic	20,314	21,071	-3.6%	19,367	W	947	W
East South Central	11,686	12,965	-9.9%	11,686	12,965	0	0
West South Central	24,673	25,697	-4.0%	15,229	18,234	9,444	7,463
Mountain	W	14,438	W	W	W	W	W
Pacific Contiguous	W	W	W	0	0	W	W
Pacific Noncontiguous	0	W	W	0	W	0	W
U.S. Total	131,111	131,208	-0.1%	107,774	109,778	23,337	21,430
Petroleum Liquids (Thousand Barrels)							
New England	2,079	2,248	-7.5%	250	209	1,829	2,039
Middle Atlantic	4,407	4,617	-4.6%	1,852	1,909	2,554	2,709
East North Central	932	1,471	-36.7%	542	1,138	389	333
West North Central	917	957	-4.2%	893	932	24	25
South Atlantic	9,265	9,139	1.4%	7,138	7,095	2,127	2,044
East South Central	981	1,090	-10.0%	943	1,051	38	39
West South Central	1,826	1,979	-7.7%	688	867	1,138	1,113
Mountain	305	317	-3.9%	280	293	25	25
Pacific Contiguous	333	333	-0.1%	261	254	72	80
Pacific Noncontiguous	811	1,182	-31.4%	779	1,163	31	20
U.S. Total	21,856	23,335	-6.3%	13,627	14,910	8,229	8,425
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	W
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	404	369	9.6%	400	356	4	13

W = Withheld to avoid disclosure of individual company data.
Notes: See Glossary for definitions. Values for 2024 are preliminary. Values for 2023 are final. 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 - November 2024
(Thousand Tons)

Period	Electric Power Sector			
	Bituminous Coal	Subbituminous Coal	Lignite Coal	Total
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	46,574	83,013	3,439	133,253
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	37,880	51,812	3,014	92,714
February	40,066	56,667	3,022	99,760
March	41,614	64,432	2,991	109,041
April	43,353	72,772	3,330	119,671
May	46,598	77,685	3,500	128,001
June	47,911	77,671	3,601	129,404
July	44,256	75,155	3,499	123,131
August	42,345	72,129	3,424	118,113
Sept	42,659	72,147	3,247	118,271
October	44,914	74,948	3,184	123,265
November	46,999	80,588	3,393	131,208
December	46,574	83,013	3,439	133,253
Year 2024, End of Month Stocks				
January	42,843	77,877	3,220	124,175
February	44,561	81,410	3,124	129,330
March	47,263	84,944	3,232	135,677
April	48,596	86,791	3,388	139,008
May	49,172	87,263	3,311	139,985
June	46,885	84,864	3,374	135,366
July	43,853	80,144	3,252	127,493
August	42,104	76,233	3,273	121,857
Sept	42,588	76,735	3,183	122,752
October	44,560	79,868	3,245	127,917
November	46,070	81,560	3,231	131,111

Notes: See Glossary for definitions.

Values for 2023 and prior years are final. Values for 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 - November 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	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	8,112,339	431,375	2.51	47.23	1.23	108.9	111,093	18,341	20.42	123.80	0.45	75.0
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	730,571	38,535	2.59	49.12	1.26	105.8	15,662	2,617	22.11	132.37	0.47	117.5
February	639,020	33,957	2.59	48.75	1.27	122.9	11,177	1,848	20.42	123.58	0.45	65.9
March	717,033	38,112	2.50	47.01	1.26	129.2	7,999	1,320	20.57	124.67	0.52	65.9
April	635,998	33,871	2.47	46.41	1.23	143.5	7,667	1,260	19.53	118.88	0.48	65.1
May	642,106	33,939	2.51	47.50	1.24	129.4	8,103	1,339	18.85	114.12	0.49	72.3
June	651,371	34,583	2.46	46.40	1.23	100.9	7,849	1,293	17.81	108.11	0.48	70.1
July	705,301	37,823	2.47	46.15	1.19	83.6	9,323	1,522	17.57	107.66	0.42	78.0
August	741,537	39,439	2.49	46.85	1.20	88.3	7,951	1,309	20.38	124.18	0.41	65.7
Sept	662,007	35,126	2.53	47.69	1.17	100.4	8,201	1,344	22.84	139.53	0.41	71.8
October	653,248	34,723	2.53	47.61	1.22	114.6	7,649	1,255	22.28	135.84	0.40	62.2
November	672,069	35,870	2.51	46.97	1.21	118.4	8,747	1,449	21.17	127.84	0.43	75.5
December	662,077	35,398	2.47	46.30	1.25	107.8	10,766	1,787	20.43	123.30	0.43	87.2
Year 2024												
January	609,859	32,520	2.49	46.67	1.25	75.1	10,139	1,680	18.90	114.09	0.46	47.9
February	575,871	30,673	2.49	46.85	1.23	114.9	6,341	1,042	19.55	118.94	0.47	60.3
March	544,245	28,383	2.51	48.15	1.36	122.6	6,020	982	19.92	122.15	0.47	54.7
April	469,136	24,509	2.54	48.70	1.35	111.5	6,236	1,019	19.63	120.07	0.46	44.8
May	513,458	26,711	2.57	49.48	1.37	99.21	6,495	1,070	19.01	115.39	0.41	52.9
June	556,372	29,146	2.52	48.11	1.36	82.8	6,670	1,095	17.99	109.56	0.44	54.0
July	620,939	32,863	2.48	46.91	1.30	79.6	5,760	944	18.54	113.20	0.38	45.8
August	641,577	34,005	2.45	46.22	1.25	84.5	6,611	1,083	18.21	111.20	0.47	51.2
Sept	596,359	31,630	2.42	45.74	1.17	97.9	6,088	993	17.27	105.93	0.41	55.8
October	600,412	31,792	2.48	46.90	1.23	112.6	8,020	1,313	16.27	99.38	0.41	67.7
November	567,740	30,036	2.43	45.89	1.26	110.3	6,528	1,070	16.93	103.34	0.46	56.9
Year to Date												
2022	8,166,580	432,352	2.34	44.21	1.28	98.2	100,704	16,658	24.14	146.06	0.47	63.1
2023	7,450,262	395,977	2.51	47.31	1.23	109.0	100,328	16,554	20.42	123.85	0.45	73.8
2024	6,295,967	332,267	2.49	47.16	1.28	95.9	74,908	12,290	18.35	111.86	0.44	53.1
Rolling 12 Months Ending in November												
2023	8,159,924	433,343	2.53	47.57	1.23	106.8	116,564	19,258	20.59	124.66	0.45	66.5
2024	6,958,044	367,665	2.48	47.07	1.28	96.9	85,674	14,077	18.61	113.31	0.44	55.9

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 2023 and prior years are final. Values for 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 - November 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	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	54.7	13,669,499	13,237,380	3.36	3.47	91.6	3.12
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	77.1	1,028,666	993,456	7.05	7.30	90.9	5.25
February	3,886	136	4.80	136.95	5.62	67.8	920,531	890,751	4.38	4.52	90.7	3.73
March	4,905	172	4.66	132.76	5.71	88.5	992,761	960,991	3.37	3.48	90.4	3.08
April	4,768	168	4.70	133.61	5.72	95.6	918,838	890,525	2.70	2.79	91.2	2.70
May	1,985	72	3.14	86.86	5.76	35.9	1,055,883	1,024,121	2.55	2.63	92.2	2.61
June	1,853	66	3.48	98.25	5.77	30.8	1,238,116	1,199,980	2.60	2.68	92.1	2.62
July	2,787	100	3.62	101.16	5.45	31.4	1,526,661	1,478,239	3.00	3.10	92.1	2.89
August	2,311	84	3.39	93.79	5.73	26.0	1,528,247	1,480,257	2.94	3.04	92.4	2.85
Sept	3,289	118	3.76	104.81	5.48	40.7	1,258,226	1,220,588	2.87	2.96	92.1	2.84
October	2,404	86	3.84	107.56	5.50	48.1	1,080,166	1,047,092	2.92	3.02	92.0	2.86
November	3,097	111	3.60	100.64	5.35	85.7	1,028,518	995,713	3.39	3.50	91.4	3.12
December	4,559	163	3.39	94.99	5.53	81.2	1,092,887	1,055,666	3.28	3.40	90.4	3.07
Year 2024												
January	909	33	2.65	73.16	5.53	16.7	1,108,706	1,071,210	4.80	4.97	83.7	4.02
February	1,385	50	2.63	73.05	5.56	32.8	910,583	879,933	2.88	2.98	84.5	2.80
March	1,054	38	2.63	73.51	5.49	38.0	909,196	879,879	2.18	2.26	84.0	2.39
April	1,078	38	2.62	73.50	5.51	26.3	853,384	827,659	2.05	2.11	82.5	2.32
May	2,177	78	2.86	80.18	5.46	47.0	1,004,300	974,957	2.26	2.33	83.5	2.45
June	3,620	127	3.11	88.55	5.54	58.4	1,180,026	1,143,580	2.69	2.77	83.9	2.69
July	5,356	189	3.23	91.69	5.52	80.5	1,419,716	1,373,106	2.51	2.59	82.6	2.55
August	3,756	134	3.08	86.70	5.70	57.3	1,384,079	1,337,878	2.23	2.30	82.4	2.36
Sept	3,518	125	3.09	87.22	5.49	83.4	1,175,280	1,137,448	2.37	2.45	84.3	2.45
October	1,008	37	2.63	72.20	6.78	30.6	1,034,272	1,001,336	2.62	2.70	84.1	2.63
November	1,280	46	2.64	72.99	5.91	37.2	968,698	937,724	2.63	2.72	84.0	2.62
Year to Date												
2022	59,390	2,099	4.36	123.37	5.53	62.7	11,780,929	11,413,195	7.06	7.29	91.5	5.11
2023	36,157	1,287	4.13	116.09	5.62	52.6	12,576,612	12,181,714	3.37	3.48	91.7	3.12
2024	25,141	894	2.98	83.83	5.61	48.6	11,948,240	11,564,711	2.66	2.75	83.5	2.66
Rolling 12 Months Ending in November												
2023	41,455	1,474	4.14	116.43	5.60	52.6	13,635,934	13,204,592	3.80	3.92	91.6	3.39
2024	29,699	1,056	3.04	85.55	5.60	51.8	13,041,127	12,620,378	2.71	2.80	84.1	2.70

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 2023 and prior years are final. Values for 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 - November 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	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	6,224,613	326,208	2.56	48.88	1.15	111.5	78,893	13,023	20.48	124.06	0.46	79.3
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	559,118	29,346	2.65	50.44	1.13	106.6	11,620	1,944	22.15	132.38	0.47	133.2
February	477,280	25,125	2.67	50.72	1.17	125.0	6,931	1,155	22.13	132.74	0.48	73.8
March	549,894	28,881	2.53	48.18	1.19	135.3	5,960	986	20.64	124.72	0.48	75.3
April	481,181	25,153	2.51	47.98	1.16	154.9	5,523	905	19.34	117.99	0.47	71.5
May	486,120	25,332	2.54	48.84	1.14	135.6	6,074	1,006	18.86	113.90	0.48	74.2
June	504,353	26,328	2.50	47.98	1.16	100.4	6,134	1,010	17.52	106.44	0.47	73.5
July	552,719	29,116	2.53	48.00	1.13	83.9	7,002	1,138	17.18	105.70	0.44	86.0
August	583,320	30,491	2.55	48.69	1.14	89.2	4,863	797	19.97	121.81	0.47	55.0
Sept	517,934	27,065	2.59	49.49	1.12	102.8	6,073	992	22.75	139.30	0.43	77.5
October	504,437	26,340	2.58	49.51	1.14	119.1	5,203	855	22.31	135.80	0.40	63.0
November	509,063	26,715	2.57	48.89	1.14	125.8	5,628	932	21.72	131.14	0.43	70.7
December	499,194	26,316	2.52	47.89	1.17	109.9	7,883	1,303	20.21	122.26	0.45	95.1
Year 2024												
January	467,676	24,626	2.54	48.33	1.17	75.6	7,445	1,232	18.89	114.20	0.45	55.9
February	442,442	23,188	2.58	49.17	1.14	114.4	5,117	840	19.49	118.71	0.46	69.8
March	425,036	21,785	2.59	50.56	1.30	123.7	4,667	761	19.75	121.19	0.46	63.4
April	365,933	18,576	2.67	52.56	1.33	117.1	4,582	748	19.42	118.96	0.43	52.8
May	402,207	20,524	2.66	52.08	1.33	102.2	4,502	744	18.92	114.47	0.38	55.5
June	429,392	22,156	2.59	50.20	1.28	82.3	4,634	763	18.00	109.35	0.41	58.8
July	476,509	24,822	2.56	49.18	1.21	79.2	3,803	623	18.41	112.37	0.36	46.4
August	488,003	25,474	2.50	47.96	1.19	84.3	4,835	793	18.18	110.91	0.46	51.8
Sept	456,096	23,880	2.48	47.38	1.10	99.1	4,531	741	17.15	104.83	0.36	56.7
October	451,386	23,579	2.57	49.21	1.13	115.4	6,087	999	16.20	98.73	0.41	70.5
November	431,594	22,481	2.49	47.87	1.17	113.4	4,223	693	16.97	103.40	0.45	53.5
Year to Date												
2022	6,067,572	318,629	2.39	45.47	1.14	99.6	66,183	10,930	24.58	148.85	0.48	71.3
2023	5,725,419	299,892	2.56	48.97	1.15	111.6	71,010	11,720	20.51	124.27	0.46	77.8
2024	4,836,273	251,090	2.56	49.38	1.21	96.9	54,426	8,936	18.30	111.46	0.42	57.4
Rolling 12 Months Ending in November												
2023	6,252,642	327,383	2.58	49.19	1.15	109.0	78,227	12,922	20.74	125.56	0.46	71.0
2024	5,335,466	277,406	2.56	49.24	1.21	98.0	62,309	10,239	18.54	112.84	0.43	60.5

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.

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Table 4.2. Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2014 - November 2024 (continued)

	Petroleum Coke						Natural Gas						All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost	
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)	
Annual Totals													
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	6,803,788	6,596,937	3.81	3.92	96.1	3.32	
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	509,603	492,284	8.55	8.85	95.8	5.62	
February	3,886	136	4.80	136.95	5.62	125.8	447,571	433,509	4.89	5.05	95.0	3.88	
March	4,905	172	4.66	132.76	5.71	228.6	493,900	478,430	3.76	3.88	95.2	3.22	
April	4,768	168	4.70	133.61	5.72	218.3	460,793	447,538	3.05	3.14	96.4	2.88	
May	1,985	72	3.14	86.86	5.76	94.2	543,700	528,159	2.86	2.94	96.9	2.81	
June	1,853	66	3.48	98.25	5.77	61.3	627,911	609,220	2.92	3.01	96.2	2.81	
July	2,787	100	3.62	101.16	5.45	50.5	767,356	743,822	3.26	3.36	95.7	3.03	
August	2,311	84	3.39	93.79	5.73	42.4	781,288	757,734	3.30	3.40	96.0	3.04	
Sept	3,289	118	3.76	104.81	5.48	67.3	618,399	600,954	3.28	3.38	96.3	3.07	
October	2,404	86	3.84	107.56	5.50	112.5	528,905	513,656	3.32	3.41	96.7	3.06	
November	3,097	111	3.60	100.64	5.35	228.6	488,206	473,567	3.79	3.91	96.4	3.27	
December	4,559	163	3.39	94.99	5.53	199.5	536,155	518,063	3.73	3.86	96.2	3.27	
Year 2024													
January	909	33	2.65	73.16	5.53	34.6	531,911	514,158	4.90	5.07	86.0	3.90	
February	1,385	50	2.63	73.05	5.56	72.1	444,693	430,193	3.34	3.45	88.3	3.05	
March	1,054	38	2.63	73.51	5.49	173.2	451,601	437,700	2.49	2.57	87.9	2.63	
April	1,078	38	2.62	73.50	5.51	57.9	420,222	408,456	2.33	2.40	85.3	2.59	
May	2,177	78	2.86	80.18	5.46	99.9	513,774	499,875	2.53	2.60	86.0	2.67	
June	3,620	127	3.11	88.55	5.54	110.7	606,837	588,884	3.02	3.11	86.6	2.91	
July	5,356	189	3.23	91.69	5.52	144.2	730,283	706,516	2.81	2.90	84.1	2.76	
August	3,756	134	3.08	86.70	5.70	104.8	706,460	682,919	2.49	2.58	83.5	2.56	
Sept	3,518	125	3.09	87.22	5.49	178.0	592,540	573,713	2.62	2.71	86.0	2.62	
October	1,008	37	2.63	72.20	6.78	50.7	525,247	508,701	2.95	3.05	88.0	2.86	
November	1,280	46	2.64	72.99	5.91	104.8	483,975	468,976	2.96	3.05	87.5	2.80	
Year to Date													
2022	59,308	2,096	4.36	123.37	5.52	102.8	5,864,336	5,688,534	7.35	7.58	96.5	4.92	
2023	36,157	1,287	4.13	116.09	5.62	102.6	6,267,633	6,078,874	3.81	3.93	96.1	3.32	
2024	25,141	894	2.98	83.83	5.61	100.4	6,007,541	5,820,091	2.94	3.04	86.1	2.85	
Rolling 12 Months Ending in November													
2023	41,455	1,474	4.14	116.43	5.60	97.7	6,797,108	6,590,531	4.22	4.35	96.1	3.54	
2024	29,699	1,056	3.04	85.55	5.60	108.7	6,543,696	6,338,154	3.01	3.10	86.8	2.89	

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Notes:
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PETROLEUM COKE - includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
NATURAL GAS - includes natural gas only. Prior to 2011, includes Other Gases.

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Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2014 - November 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	4,243,949	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	1,763,719	98,990	2.28	40.63	1.52	104.7	29,337	4,849	20.59	124.91	0.36	105.8
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	160,350	8,640	2.36	43.91	1.70	107.3	3,706	618	22.40	134.71	0.41	194.5
February	150,824	8,308	2.25	40.84	1.63	122.3	3,914	637	17.39	107.13	0.37	77.7
March	156,569	8,706	2.31	41.52	1.54	117.5	1,599	261	21.45	131.58	0.47	79.2
April	143,467	8,154	2.27	39.94	1.50	122.5	1,844	305	20.51	124.08	0.37	95.0
May	145,409	8,086	2.32	41.86	1.59	118.4	1,720	282	19.41	118.27	0.43	89.2
June	136,863	7,723	2.28	40.48	1.52	105.1	1,623	269	18.98	114.73	0.46	95.4
July	142,931	8,208	2.24	38.98	1.44	83.9	2,180	361	18.91	114.20	0.35	83.9
August	148,108	8,433	2.23	39.31	1.46	86.3	2,952	490	21.29	129.36	0.26	157.0
Sept	135,357	7,629	2.24	39.75	1.41	96.0	1,974	327	23.62	143.13	0.30	89.9
October	138,346	7,862	2.28	40.14	1.50	104.7	2,214	362	22.47	137.36	0.33	79.5
November	153,037	8,666	2.27	40.16	1.46	103.8	2,920	484	20.22	121.98	0.38	147.1
December	152,457	8,573	2.27	40.45	1.52	105.4	2,692	453	21.47	128.27	0.29	148.0
Year 2024												
January	132,543	7,411	2.26	40.51	1.55	74.7	2,382	398	19.20	114.96	0.36	49.9
February	122,187	6,930	2.14	37.75	1.57	121.6	1,029	170	20.11	122.16	0.42	76.0
March	108,248	6,070	2.12	37.86	1.64	128.9	1,205	197	21.08	129.22	0.45	70.3
April	94,449	5,497	2.03	34.96	1.45	101.3	1,523	250	20.40	124.24	0.44	44.6
May	101,597	5,706	2.21	39.38	1.59	92.4	1,866	305	19.38	118.39	0.38	84.8
June	117,305	6,508	2.22	40.04	1.65	86.3	1,894	309	18.04	110.44	0.46	77.8
July	134,207	7,538	2.16	38.57	1.61	82.3	1,774	291	19.04	116.15	0.29	56.5
August	143,643	8,041	2.23	39.90	1.49	87.0	1,613	264	18.60	113.66	0.40	71.0
Sept	130,820	7,272	2.20	39.64	1.47	97.1	1,377	222	17.80	110.26	0.39	82.3
October	139,279	7,736	2.15	38.76	1.55	109.4	1,773	288	16.54	101.86	0.32	93.4
November	126,525	7,070	2.17	38.97	1.60	106.3	2,161	354	16.93	103.51	0.37	109.0
Year to Date												
2022	1,972,591	107,596	2.16	39.71	1.70	96.8	32,383	5,380	23.53	141.79	0.40	74.0
2023	1,611,262	90,417	2.28	40.65	1.53	104.6	26,646	4,396	20.51	124.61	0.37	102.8
2024	1,350,804	75,778	2.18	38.85	1.56	95.8	18,596	3,047	18.68	114.01	0.39	69.1
Rolling 12 Months Ending in November												
2023	1,781,144	99,686	2.30	41.09	1.54	103.2	35,328	5,843	20.38	123.39	0.36	84.9
2024	1,503,261	84,351	2.19	39.02	1.56	96.7	21,287	3,500	19.03	115.86	0.37	74.3

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W = Withheld to avoid disclosure of individual company data.

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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- See Glossary for definitions.
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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 4.3. Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2014 - November 2024 (continued)

	Petroleum Coke							Natural Gas					All Fossil Fuels
	Receipts		Average Cost					Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)	
Annual Totals													
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	--	--	--	--	5,602,375	5,414,698	6.95	7.20	95.5	5.50	
2023	0	0	--	--	--	--	6,038,310	5,836,072	2.82	2.92	96.1	2.75	
Year 2022													
January	0	0	--	--	--	--	440,567	425,442	6.15	6.38	95.6	4.92	
February	0	0	--	--	--	--	375,891	363,057	5.88	6.09	94.2	4.62	
March	0	0	--	--	--	--	359,407	347,490	4.96	5.14	95.0	3.87	
April	0	0	--	--	--	--	344,208	332,882	6.22	6.44	95.5	4.66	
May	0	0	--	--	--	--	428,890	414,929	7.60	7.86	96.4	5.80	
June	0	0	--	--	--	--	513,920	497,609	7.55	7.81	96.1	6.03	
July	0	0	--	--	--	--	644,066	623,293	7.29	7.54	96.2	6.04	
August	0	0	--	--	--	--	645,276	623,863	8.56	8.86	95.5	6.95	
Sept	0	0	--	--	--	--	538,145	519,483	7.58	7.86	95.8	6.04	
October	0	0	--	--	--	--	446,464	431,379	5.29	5.48	95.5	4.32	
November	0	0	--	--	--	--	407,043	393,319	5.35	5.54	94.1	4.44	
December	0	0	--	--	--	--	458,497	441,951	9.26	9.61	95.4	7.27	
Year 2023													
January	0	0	--	--	--	--	446,640	430,815	5.37	5.57	96.0	4.57	
February	0	0	--	--	--	--	407,924	394,009	3.92	4.06	96.3	3.50	
March	0	0	--	--	--	--	428,537	414,070	2.95	3.06	95.6	2.81	
April	0	0	--	--	--	--	393,827	380,548	2.28	2.36	95.7	2.35	
May	0	0	--	--	--	--	444,722	430,350	2.12	2.19	97.1	2.23	
June	0	0	--	--	--	--	542,599	524,807	2.17	2.24	96.5	2.24	
July	0	0	--	--	--	--	691,161	668,245	2.67	2.76	96.1	2.63	
August	0	0	--	--	--	--	677,647	655,199	2.46	2.55	96.3	2.48	
Sept	0	0	--	--	--	--	571,702	553,460	2.35	2.43	96.5	2.39	
October	0	0	--	--	--	--	483,231	467,338	2.42	2.51	96.6	2.47	
November	0	0	--	--	--	--	469,276	453,150	2.94	3.05	96.3	2.85	
December	0	0	--	--	--	--	481,043	464,082	2.76	2.86	94.1	2.70	
Year 2024													
January	0	0	--	--	--	--	503,103	485,542	4.88	5.06	90.0	4.30	
February	0	0	--	--	--	--	402,023	387,715	2.32	2.40	90.2	2.31	
March	0	0	--	--	--	--	392,214	378,587	1.84	1.91	89.2	1.96	
April	0	0	--	--	--	--	367,496	355,264	1.69	1.75	88.2	1.84	
May	0	0	--	--	--	--	425,800	412,142	1.92	1.98	88.8	2.05	
June	0	0	--	--	--	--	510,436	493,720	2.23	2.31	87.6	2.28	
July	0	0	--	--	--	--	623,312	602,321	2.07	2.15	86.7	2.14	
August	0	0	--	--	--	--	609,117	588,385	1.87	1.93	87.1	1.99	
Sept	0	0	--	--	--	--	517,579	500,365	2.04	2.11	89.2	2.12	
October	0	0	--	--	--	--	446,148	431,555	2.14	2.22	87.7	2.19	
November	0	0	--	--	--	--	420,228	406,042	2.24	2.32	89.1	2.29	
Year to Date													
2022	0	0	--	--	--	--	5,143,878	4,972,747	6.75	6.98	95.5	5.35	
2023	0	0	--	--	--	--	5,557,267	5,371,990	2.82	2.92	96.3	2.75	
2024	0	0	--	--	--	--	5,217,457	5,041,639	2.30	2.39	88.4	2.33	
Rolling 12 Months Ending in November													
2023	0	0	--	--	--	--	6,015,764	5,813,941	3.31	3.43	96.2	3.12	
2024	0	0	--	--	--	--	5,698,500	5,505,721	2.35	2.43	88.8	2.36	

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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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- 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.
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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 4.4. Receipts, Average Cost, and Quality of Fossil Fuels: Commercial Sector, 2014 - November 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	--	--	--	--
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	--	--	--	--
February	19	1	3.95	90.65	3.00	1.5	0	0	--	--	--	--
March	0	0	--	--	--	0.0	0	0	--	--	--	--
April	0	0	--	--	--	0.0	0	0	--	--	--	--
May	0	0	--	--	--	0.0	0	0	--	--	--	--
June	0	0	--	--	--	--	0	0	--	--	--	--
July	0	0	--	--	--	--	0	0	--	--	--	--
August	0	0	--	--	--	--	0	0	--	--	--	--
Sept	106	5	4.28	97.46	3.05	10.0	0	0	--	--	--	--
October	54	2	4.28	97.11	3.24	5.2	0	0	--	--	--	--
November	0	0	--	--	--	0.0	0	0	--	--	--	--
December	15	1	4.28	96.94	3.02	1.1	0	0	--	--	--	--
Year 2023												
January	21	1	4.28	96.60	3.06	1.8	0	0	--	--	--	--
February	22	1	4.28	97.20	3.12	2.1	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	7.0	0	0	--	--	--	--
February	43	2	4.28	96.51	3.06	4.9	0	0	--	--	--	--
March	0	0	--	--	--	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	0	0	--	--	--	--
Sept	0	0	--	--	--	0.0	0	0	--	--	--	--
October	0	0	--	--	--	0.0	0	0	--	--	--	--
November	0	0	--	--	--	0.0	0	0	--	--	--	--
Year to Date												
2022	253	11	4.16	94.75	3.08	2.3	0	0	--	--	--	--
2023	43	2	4.28	96.90	3.09	0.5	0	0	--	--	--	--
2024	128	6	4.28	96.74	3.06	1.6	0	0	--	--	--	--
Rolling 12 Months Ending in November												
2023	57	3	4.28	96.91	3.07	0.6	0	0	--	--	--	--
2024	151	7	4.28	96.77	3.12	1.7	0	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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- 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: Commerical Sector, 2014 - November 2024 (continued)

	Petroleum Coke						Natural Gas					All Fossil Fuels
	Receipts		Average Cost				Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)
Annual Totals												
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	--	--	--	--	8,636	8,322	3.88	4.02	6.8	3.89
2023	0	0	--	--	--	--	8,130	7,861	3.04	3.15	6.6	3.05
Year 2022												
January	0	0	--	--	--	--	759	731	3.29	3.42	6.5	3.35
February	0	0	--	--	--	--	711	683	3.32	3.45	6.8	3.33
March	0	0	--	--	--	--	712	687	3.30	3.42	6.8	3.30
April	0	0	--	--	--	--	786	758	4.35	4.51	8.2	4.35
May	0	0	--	--	--	--	686	661	4.13	4.29	7.0	4.13
June	0	0	--	--	--	--	628	603	3.89	4.05	6.1	3.89
July	0	0	--	--	--	--	693	668	3.86	4.00	5.7	3.86
August	0	0	--	--	--	--	732	703	4.86	5.06	5.9	4.86
Sept	0	0	--	--	--	--	766	738	4.56	4.73	7.3	4.53
October	0	0	--	--	--	--	657	634	3.98	4.12	7.0	4.00
November	0	0	--	--	--	--	656	636	3.18	3.28	6.7	3.18
December	0	0	--	--	--	--	850	821	3.73	3.86	7.5	3.74
Year 2023												
January	0	0	--	--	--	--	707	682	3.11	3.22	6.6	3.14
February	0	0	--	--	--	--	707	683	3.01	3.11	7.2	3.05
March	0	0	--	--	--	--	680	655	3.05	3.17	6.7	3.05
April	0	0	--	--	--	--	720	700	2.89	2.97	8.0	2.89
May	0	0	--	--	--	--	748	726	2.84	2.92	8.1	2.84
June	0	0	--	--	--	--	617	598	2.89	2.99	6.2	2.89
July	0	0	--	--	--	--	629	607	3.07	3.18	5.4	3.07
August	0	0	--	--	--	--	670	646	3.09	3.21	6.0	3.09
Sept	0	0	--	--	--	--	619	597	3.10	3.21	5.9	3.10
October	0	0	--	--	--	--	685	664	3.03	3.13	7.0	3.03
November	0	0	--	--	--	--	687	664	3.19	3.31	6.8	3.19
December	0	0	--	--	--	--	661	638	3.27	3.38	6.0	3.30
Year 2024												
January	0	0	--	--	--	--	715	686	3.29	3.43	6.1	3.40
February	0	0	--	--	--	--	666	641	3.29	3.42	6.3	3.35
March	0	0	--	--	--	--	572	552	3.18	3.29	5.3	3.18
April	0	0	--	--	--	--	648	629	3.14	3.24	7.3	3.14
May	0	0	--	--	--	--	577	554	3.18	3.31	6.3	3.18
June	0	0	--	--	--	--	486	469	3.10	3.21	4.9	3.10
July	0	0	--	--	--	--	652	629	3.31	3.42	6.1	3.31
August	0	0	--	--	--	--	764	733	3.26	3.40	7.0	3.26
Sept	0	0	--	--	--	--	618	595	3.42	3.56	6.3	3.42
October	0	0	--	--	--	--	642	620	3.38	3.50	6.6	3.38
November	0	0	--	--	--	--	772	740	3.30	3.44	7.8	3.30
Year to Date												
2022	0	0	--	--	--	--	7,786	7,501	3.89	4.04	6.7	3.90
2023	0	0	--	--	--	--	7,469	7,222	3.02	3.13	6.7	3.03
2024	0	0	--	--	--	--	7,112	6,849	3.26	3.39	6.4	3.28
Rolling 12 Months Ending in November												
2023	0	0	--	--	--	--	8,319	8,043	3.09	3.20	6.7	3.10
2024	0	0	--	--	--	--	7,774	7,488	3.27	3.39	6.3	3.28

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

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 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2014 - November 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	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	73.6	2,862	468	17.32	105.80	1.35	16.2
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	67.8	336	55	17.76	108.25	1.35	15.2
February	10,894	523	3.79	78.83	1.06	75.4	332	55	17.22	104.12	1.55	15.6
March	10,570	525	3.64	73.24	0.78	73.6	440	73	16.48	99.40	1.62	22.5
April	11,351	563	3.48	70.15	0.97	84.9	300	50	17.07	103.34	1.55	15.1
May	10,576	520	3.41	69.33	1.16	75.3	309	51	15.64	95.51	1.12	32.7
June	10,155	532	2.82	53.77	0.82	79.2	93	15	16.41	103.52	1.09	9.0
July	9,652	499	2.86	55.29	0.73	69.5	141	23	16.54	102.83	1.00	13.4
August	10,109	515	3.10	60.84	0.91	76.1	136	22	17.84	111.00	1.20	10.9
Sept	8,716	431	3.73	75.33	1.07	64.2	154	25	16.85	104.23	1.13	12.6
October	10,465	521	3.22	64.67	1.08	77.9	232	38	20.00	122.63	1.47	21.7
November	9,969	489	3.04	62.05	1.15	70.7	198	32	19.26	117.80	1.37	14.8
December	10,403	508	3.04	62.22	1.25	70.8	191	31	17.47	108.06	1.32	12.6
Year 2024												
January	9,556	480	2.78	55.44	0.87	61.5	313	51	16.91	104.56	1.20	12.8
February	11,198	553	3.08	62.42	1.01	79.2	195	32	18.01	108.28	1.65	13.2
March	10,962	527	3.18	66.06	0.99	66.6	148	24	15.74	95.28	1.53	10.5
April	8,753	436	2.86	57.41	1.03	66.2	132	21	17.82	109.90	1.57	9.0
May	9,654	481	2.86	57.39	0.85	73.1	128	21	16.69	103.83	1.60	8.5
June	9,675	483	3.00	60.11	0.97	70.1	142	23	16.94	104.50	1.23	9.4
July	10,223	503	2.93	59.57	1.21	69.2	183	30	16.48	101.78	1.58	16.1
August	9,931	491	2.94	59.46	1.16	66.7	162	26	15.32	95.00	1.65	13.4
Sept	9,443	478	2.86	56.60	0.90	69.9	181	29	16.22	100.75	1.63	15.4
October	9,747	476	3.11	63.70	1.11	66.9	160	26	15.84	96.88	1.76	13.3
November	9,621	485	2.77	54.98	1.02	65.5	144	23	15.94	98.83	1.80	9.7
Year to Date												
2022	126,165	6,116	2.76	57.00	1.27	70.0	2,138	348	18.17	111.58	1.25	10.8
2023	113,538	5,666	3.28	65.74	1.00	73.9	2,672	438	17.30	105.65	1.35	16.5
2024	108,763	5,393	2.95	59.49	1.01	68.5	1,887	307	16.57	102.00	1.53	11.8
Rolling 12 Months Ending in November												
2023	126,081	6,271	3.24	65.22	1.03	73.8	3,009	493	17.55	107.09	1.38	15.1
2024	119,166	5,900	2.96	59.72	1.03	68.7	2,078	337	16.66	102.55	1.52	11.9

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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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- See the Technical Notes for fuel conversion factors.
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Table 4.5. Receipts, Average Cost, and Quality of Fossil Fuels: Industrial Sector, 2014 - November 2024 (continued)

	Petroleum Coke							Natural Gas					All Fossil Fuels
	Receipts		Average Cost					Receipts		Average Cost			Average Cost
Period	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)	Average Sulfur Percent by Weight	Percentage of Consumption	(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)	Percentage of Consumption	(Dollars per MMBtu)	
Annual Totals													
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	--	--	--	--	819,270	796,511	2.96	3.05	57.1	3.04	
Year 2022													
January	0	0	--	--	--	--	76,455	74,275	4.68	4.82	59.9	4.42	
February	0	0	--	--	--	--	65,784	63,860	5.74	5.91	59.0	5.34	
March	0	0	--	--	--	--	71,461	69,559	4.69	4.82	60.3	4.39	
April	0	0	--	--	--	--	67,470	65,714	5.97	6.13	60.8	5.55	
May	0	0	--	--	--	--	67,025	65,283	7.68	7.89	58.9	6.90	
June	0	0	--	--	--	--	68,964	67,264	8.29	8.50	60.1	7.47	
July	0	0	--	--	--	--	72,749	70,916	6.93	7.11	58.8	6.33	
August	0	0	--	--	--	--	73,848	72,011	8.69	8.91	59.1	7.94	
Sept	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	--	--	--	--	69,498	67,553	5.11	5.26	58.9	4.92	
December	0	0	--	--	--	--	70,500	68,450	6.26	6.45	58.4	5.81	
Year 2023													
January	0	0	--	--	--	--	71,716	69,675	5.00	5.14	58.3	4.78	
February	0	0	--	--	--	--	64,329	62,549	3.21	3.31	58.2	3.36	
March	0	0	--	--	--	--	69,643	67,835	2.75	2.82	57.9	2.94	
April	0	0	--	--	--	--	63,498	61,740	2.31	2.38	58.5	2.55	
May	0	0	--	--	--	--	66,713	64,886	2.36	2.43	57.7	2.56	
June	0	0	--	--	--	--	66,989	65,355	2.48	2.54	56.0	2.54	
July	0	0	--	--	--	--	67,515	65,565	2.84	2.93	54.0	2.87	
August	0	0	--	--	--	--	68,641	66,678	2.82	2.90	54.9	2.88	
Sept	0	0	--	--	--	--	67,506	65,578	2.80	2.88	55.9	2.93	
October	0	0	--	--	--	--	67,344	65,433	2.86	2.94	57.5	2.96	
November	0	0	--	--	--	--	70,348	68,333	3.08	3.18	58.3	3.12	
December	0	0	--	--	--	--	75,027	72,883	2.86	2.95	58.0	2.92	
Year 2024													
January	0	0	--	--	--	--	72,977	70,824	3.61	3.72	53.9	3.57	
February	0	0	--	--	--	--	63,201	61,384	2.58	2.66	53.9	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	56.2	2.07	
May	0	0	--	--	--	--	64,149	62,385	1.97	2.03	55.2	2.11	
June	0	0	--	--	--	--	62,267	60,508	2.51	2.58	55.1	2.60	
July	0	0	--	--	--	--	65,470	63,640	2.46	2.53	54.5	2.56	
August	0	0	--	--	--	--	67,738	65,841	2.07	2.13	54.6	2.21	
Sept	0	0	--	--	--	--	64,542	62,775	2.21	2.28	55.6	2.33	
October	0	0	--	--	--	--	62,235	60,461	2.53	2.60	54.8	2.64	
November	0	0	--	--	--	--	63,723	61,967	2.31	2.38	53.8	2.40	
Year to Date													
2022	82	3	4.46	124.88	5.99	0.4	764,928	744,413	6.53	6.71	59.2	6.03	
2023	0	0	--	--	--	--	744,243	723,628	2.97	3.05	57.0	3.06	
2024	0	0	--	--	--	--	716,130	696,132	2.38	2.45	54.8	2.49	
Rolling 12 Months Ending in November													
2023	0	0	--	--	--	--	814,743	792,078	3.25	3.35	57.1	3.30	
2024	0	0	--	--	--	--	791,157	769,015	2.42	2.49	55.0	2.53	

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PETROLEUM COKE - includes petroleum coke-derived synthesis gas. Prior to 2011, petroleum coke-derived synthesis gas was included in Other Gases.
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Table 4.6.A. Receipts of Coal Delivered for Electricity Generation by State, November 2024 and 2023
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	2	5	-51.0%	0	0	2	5	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	2	5	-51.0%	0	0	2	5	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	273	866	-69.0%	0	0	262	858	0	0	11	9
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	273	866	-69.0%	0	0	262	858	0	0	11	9
East North Central	6,327	7,488	-16.0%	3,791	4,569	2,409	2,813	0	0	127	106
Illinois	1,676	2,070	-19.0%	338	356	1,211	1,607	0	0	127	106
Indiana	1,479	1,639	-9.8%	1,323	1,444	156	195	0	0	0	0
Michigan	932	1,416	-34.0%	932	1,403	0	13	0	0	0	0
Ohio	1,236	1,125	9.9%	194	127	1,042	998	0	0	0	0
Wisconsin	1,004	1,239	-19.0%	1,004	1,239	0	0	0	0	0	0
West North Central	6,670	8,284	-19.0%	6,434	8,049	0	0	0	0	236	236
Iowa	831	1,122	-26.0%	643	932	0	0	0	0	188	190
Kansas	744	987	-25.0%	744	987	0	0	0	0	0	0
Minnesota	629	850	-26.0%	629	850	0	0	0	0	0	0
Missouri	1,895	2,355	-20.0%	1,895	2,355	0	0	0	0	0	0
Nebraska	760	1,006	-24.0%	712	961	0	0	0	0	48	45
North Dakota	1,701	1,814	-6.2%	1,701	1,814	0	0	0	0	0	0
South Dakota	111	151	-27.0%	111	151	0	0	0	0	0	0
South Atlantic	3,365	4,214	-20.0%	3,077	3,876	263	323	0	0	25	15
Delaware	0	0	--	0	0	0	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	304	411	-26.0%	294	411	0	0	0	0	10	0
Georgia	628	887	-29.0%	628	875	0	0	0	0	0	12
Maryland	94	129	-27.0%	0	0	94	129	0	0	0	0
North Carolina	433	577	-25.0%	433	577	0	0	0	0	0	0
South Carolina	515	626	-18.0%	515	626	0	0	0	0	0	0
Virginia	25	55	-55.0%	10	53	0	0	0	0	15	3
West Virginia	1,366	1,528	-11.0%	1,198	1,334	169	194	0	0	0	0
East South Central	3,606	3,735	-3.5%	3,352	3,349	206	326	0	0	48	61
Alabama	882	943	-6.5%	882	943	0	0	0	0	0	0
Kentucky	2,167	2,017	7.4%	2,167	2,017	0	0	0	0	0	0
Mississippi	222	470	-53.0%	16	144	206	326	0	0	0	0
Tennessee	336	305	9.9%	288	245	0	0	0	0	48	61
West South Central	5,087	6,127	-17.0%	1,942	2,837	3,142	3,286	0	0	3	5
Arkansas	592	937	-37.0%	426	752	163	180	0	0	3	5
Louisiana	88	278	-68.0%	88	278	0	0	0	0	0	0
Oklahoma	543	605	-10.0%	543	605	0	0	0	0	0	0
Texas	3,864	4,308	-10.0%	885	1,202	2,979	3,106	0	0	0	0
Mountain	4,501	4,853	-7.3%	3,858	4,026	643	827	0	0	0	0
Arizona	467	601	-22.0%	467	601	0	0	0	0	0	0
Colorado	844	982	-14.0%	844	982	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	508	658	-23.0%	0	0	508	658	0	0	0	0
Nevada	134	178	-25.0%	75	90	59	88	0	0	0	0
New Mexico	242	0	--	242	0	0	0	0	0	0	0
Utah	668	591	13.0%	636	552	32	38	0	0	0	0
Wyoming	1,639	1,844	-11.0%	1,594	1,801	45	43	0	0	0	0
Pacific Contiguous	178	287	-38.0%	0	0	143	229	0	0	35	58
California	35	58	-39.0%	0	0	0	0	0	0	35	58
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	143	229	-38.0%	0	0	143	229	0	0	0	0
Pacific Noncontiguous	26	9	196.0%	26	9	0	0	0	0	0	0
Alaska	26	9	196.0%	26	9	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	30,036	35,870	-16.0%	22,481	26,715	7,070	8,666	0	0	485	489

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

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	38	115	-67.0%	0	0	38	115	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	38	61	-38.0%	0	0	38	61	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	5,438	7,551	-28.0%	0	0	5,342	7,465	0	0	96	86
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	5,438	7,551	-28.0%	0	0	5,342	7,465	0	0	96	86
East North Central	68,319	79,583	-14.0%	41,438	48,668	25,602	29,450	0	0	1,279	1,464
Illinois	19,281	21,189	-9.0%	3,434	3,869	14,568	15,855	0	0	1,279	1,464
Indiana	15,541	20,075	-23.0%	13,992	17,975	1,549	2,100	0	0	0	0
Michigan	12,571	12,677	-0.8%	12,571	12,575	0	102	0	0	0	0
Ohio	11,481	13,797	-17.0%	1,996	2,404	9,485	11,393	0	0	0	0
Wisconsin	9,446	11,845	-20.0%	9,446	11,845	0	0	0	0	0	0
West North Central	71,402	87,165	-18.0%	68,919	84,675	0	0	6	2	2,477	2,487
Iowa	9,113	11,925	-24.0%	7,155	10,002	0	0	0	0	1,958	1,923
Kansas	8,330	11,569	-28.0%	8,330	11,569	0	0	0	0	0	0
Minnesota	6,089	7,809	-22.0%	6,089	7,809	0	0	0	0	0	0
Missouri	20,172	25,382	-21.0%	20,167	25,380	0	0	6	2	0	0
Nebraska	8,263	11,170	-26.0%	7,744	10,605	0	0	0	0	519	564
North Dakota	18,515	18,303	1.2%	18,515	18,303	0	0	0	0	0	0
South Dakota	919	1,007	-8.8%	919	1,007	0	0	0	0	0	0
South Atlantic	40,859	48,224	-15.0%	37,847	43,173	2,712	4,664	0	0	299	387
Delaware	0	72	-100.0%	0	0	0	72	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3,422	5,599	-39.0%	3,392	5,569	0	0	0	0	30	30
Georgia	7,638	9,427	-19.0%	7,536	9,307	0	0	0	0	102	120
Maryland	650	1,056	-38.0%	0	0	650	1,056	0	0	0	0
North Carolina	6,013	5,192	16.0%	6,013	5,114	0	0	0	0	0	77
South Carolina	6,239	6,844	-8.8%	6,217	6,727	0	88	0	0	22	30
Virginia	936	972	-3.7%	790	842	0	0	0	0	146	130
West Virginia	15,961	19,062	-16.0%	13,899	15,613	2,062	3,448	0	0	0	0
East South Central	40,006	44,386	-9.9%	37,798	41,027	1,545	2,797	0	0	663	562
Alabama	9,952	12,291	-19.0%	9,952	12,291	0	0	0	0	0	0
Kentucky	23,725	25,096	-5.5%	23,725	25,096	0	0	0	0	0	0
Mississippi	2,467	3,858	-36.0%	922	1,061	1,545	2,797	0	0	0	0
Tennessee	3,863	3,141	23.0%	3,200	2,578	0	0	0	0	663	562
West South Central	55,322	70,085	-21.0%	22,636	34,140	32,629	35,768	0	0	57	178
Arkansas	7,957	10,165	-22.0%	6,473	8,251	1,443	1,865	0	0	41	49
Louisiana	2,889	4,655	-38.0%	1,593	2,633	1,296	2,022	0	0	0	0
Oklahoma	2,593	5,454	-52.0%	2,578	5,326	0	0	0	0	15	129
Texas	41,882	49,810	-16.0%	11,993	17,929	29,890	31,881	0	0	0	0
Mountain	48,524	55,701	-13.0%	42,103	47,883	6,421	7,818	0	0	0	0
Arizona	5,618	7,922	-29.0%	5,618	7,922	0	0	0	0	0	0
Colorado	8,593	11,648	-26.0%	8,593	11,648	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	5,068	6,415	-21.0%	0	0	5,068	6,415	0	0	0	0
Nevada	1,580	1,360	16.0%	992	710	587	649	0	0	0	0
New Mexico	4,413	3,208	38.0%	4,413	3,208	0	0	0	0	0	0
Utah	8,718	6,606	32.0%	8,331	6,311	387	296	0	0	0	0
Wyoming	14,534	18,542	-22.0%	14,155	18,084	379	458	0	0	0	0
Pacific Contiguous	2,011	2,840	-29.0%	0	0	1,489	2,339	0	0	521	501
California	521	501	4.1%	0	0	0	0	0	0	521	501
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	1,489	2,339	-36.0%	0	0	1,489	2,339	0	0	0	0
Pacific Noncontiguous	349	326	6.8%	349	326	0	0	0	0	0	0
Alaska	349	326	6.8%	349	326	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	332,267	395,977	-16.0%	251,090	299,892	75,778	90,417	6	2	5,393	5,666

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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, November 2024 and 2023
(Thousand Barrels)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	118	174	-32.0%	0	46	118	128	0	0	0	0
Connecticut	0	13	-100.0%	0	0	0	13	0	0	0	0
Maine	61	54	12.0%	0	0	61	54	0	0	0	0
Massachusetts	0	50	-100.0%	0	46	0	3	0	0	0	0
New Hampshire	58	56	3.8%	0	0	58	56	0	0	0	0
Rhode Island	0	1	-100.0%	0	0	0	1	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	6	123	-95.0%	0	2	2	115	0	0	4	5
New Jersey	0	1	-100.0%	0	0	0	1	0	0	0	0
New York	0	83	-100.0%	0	2	0	81	0	0	0	0
Pennsylvania	6	38	-83.0%	0	0	2	33	0	0	4	5
East North Central	59	70	-16.0%	36	25	23	39	0	0	0	5
Illinois	4	4	-10.0%	1	1	3	3	0	0	0	0
Indiana	20	15	33.0%	20	15	0	0	0	0	0	0
Michigan	12	11	6.2%	12	8	0	0	0	0	0	4
Ohio	21	38	-46.0%	1	1	20	36	0	0	0	1
Wisconsin	3	1	181.0%	3	1	0	0	0	0	0	0
West North Central	33	79	-58.0%	33	79	0	0	0	0	0	0
Iowa	8	10	-18.0%	8	10	0	0	0	0	0	0
Kansas	10	14	-25.0%	10	14	0	0	0	0	0	0
Minnesota	2	13	-84.0%	2	13	0	0	0	0	0	0
Missouri	10	28	-65.0%	10	28	0	0	0	0	0	0
Nebraska	1	1	5.2%	1	1	0	0	0	0	0	0
North Dakota	1	11	-89.0%	1	11	0	0	0	0	0	0
South Dakota	0	1	-100.0%	0	1	0	0	0	0	0	0
South Atlantic	86	123	-30.0%	54	84	14	17	0	0	18	22
Delaware	3	2	10.0%	0	0	3	2	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	3	17	-85.0%	3	15	0	0	0	0	0	2
Georgia	25	30	-18.0%	11	12	1	2	0	0	13	16
Maryland	9	9	0.6%	0	0	9	9	0	0	0	0
North Carolina	2	4	-51.0%	2	4	0	0	0	0	0	0
South Carolina	20	16	30.0%	17	13	0	0	0	0	4	2
Virginia	6	11	-45.0%	3	8	1	1	0	0	2	1
West Virginia	18	34	-46.0%	18	32	0	2	0	0	0	0
East South Central	12	32	-64.0%	11	31	0	0	0	0	0	1
Alabama	0	12	-100.0%	0	12	0	0	0	0	0	0
Kentucky	10	17	-44.0%	10	17	0	0	0	0	0	0
Mississippi	0	1	-100.0%	0	1	0	0	0	0	0	0
Tennessee	2	2	0.3%	1	1	0	0	0	0	0	1
West South Central	34	49	-31.0%	28	31	6	17	0	0	0	0
Arkansas	5	8	-34.0%	5	6	0	2	0	0	0	0
Louisiana	0	1	-100.0%	0	1	0	0	0	0	0	0
Oklahoma	2	24	-92.0%	2	24	0	0	0	0	0	0
Texas	27	16	69.0%	21	0	6	16	0	0	0	0
Mountain	14	17	-16.0%	13	15	2	2	0	0	0	0
Arizona	4	5	-33.0%	4	5	0	0	0	0	0	0
Colorado	0	1	-100.0%	0	1	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	1	2	-43.0%	0	0	1	2	0	0	0	0
Nevada	1	2	-45.0%	1	1	0	0	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	3	2	93.0%	3	1	0	0	0	0	0	0
Wyoming	6	6	-5.7%	6	6	0	0	0	0	0	0
Pacific Contiguous	16	1	NM	16	0	0	1	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	16	1	NM	16	0	0	1	0	0	0	0
Pacific Noncontiguous	692	781	-11.0%	502	617	189	164	0	0	0	0
Alaska	2	2	33.0%	2	2	0	0	0	0	0	0
Hawaii	689	779	-12.0%	500	615	189	164	0	0	0	0
U.S. Total	1,070	1,449	-26.0%	693	932	354	484	0	0	23	32

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

Census Division and State				Electric Power Sector							
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	299	877	-66.0%	57	55	243	822	0	0	0	0
Connecticut	34	92	-63.0%	0	0	34	92	0	0	0	0
Maine	90	322	-72.0%	0	0	90	322	0	0	0	0
Massachusetts	61	287	-79.0%	57	55	5	232	0	0	0	0
New Hampshire	114	122	-6.3%	0	0	114	122	0	0	0	0
Rhode Island	0	54	-100.0%	0	0	0	54	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	238	1,552	-85.0%	48	642	135	850	0	0	54	60
New Jersey	16	26	-40.0%	0	0	16	26	0	0	0	0
New York	111	1,171	-91.0%	48	642	63	528	0	0	0	0
Pennsylvania	111	355	-69.0%	0	0	57	296	0	0	54	59
East North Central	609	783	-22.0%	337	472	230	261	0	0	42	50
Illinois	47	67	-29.0%	3	19	44	48	0	0	0	0
Indiana	172	169	1.2%	172	169	0	0	0	0	0	0
Michigan	136	237	-43.0%	123	210	0	0	0	0	13	27
Ohio	233	295	-21.0%	18	59	185	213	0	0	30	23
Wisconsin	21	15	47.0%	21	15	0	0	0	0	0	0
West North Central	568	853	-33.0%	568	852	0	1	0	0	0	0
Iowa	100	98	2.5%	100	98	0	0	0	0	0	0
Kansas	148	130	14.0%	148	130	0	0	0	0	0	0
Minnesota	20	142	-86.0%	20	141	0	1	0	0	0	0
Missouri	206	357	-42.0%	206	357	0	0	0	0	0	0
Nebraska	11	20	-46.0%	11	20	0	0	0	0	0	0
North Dakota	77	94	-18.0%	77	94	0	0	0	0	0	0
South Dakota	6	12	-50.0%	6	12	0	0	0	0	0	0
South Atlantic	1,447	2,627	-45.0%	761	1,923	480	382	0	0	207	323
Delaware	17	11	46.0%	0	0	17	11	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	159	725	-78.0%	138	645	0	55	0	0	20	25
Georgia	207	410	-50.0%	74	247	3	9	0	0	130	154
Maryland	405	190	113.0%	0	0	405	190	0	0	0	0
North Carolina	107	345	-69.0%	107	262	0	0	0	0	0	82
South Carolina	153	204	-25.0%	127	165	0	12	0	0	26	27
Virginia	213	452	-53.0%	128	344	55	74	0	0	30	34
West Virginia	188	290	-35.0%	188	260	0	30	0	0	0	0
East South Central	149	497	-70.0%	145	492	0	0	0	0	3	5
Alabama	10	51	-80.0%	10	51	0	0	0	0	0	0
Kentucky	105	170	-38.0%	105	170	0	0	0	0	0	0
Mississippi	10	6	74.0%	10	6	0	0	0	0	0	0
Tennessee	23	270	-92.0%	19	265	0	0	0	0	3	5
West South Central	246	453	-46.0%	185	161	60	292	0	0	0	0
Arkansas	62	81	-24.0%	47	62	15	20	0	0	0	0
Louisiana	8	12	-32.0%	8	12	0	0	0	0	0	0
Oklahoma	35	45	-23.0%	35	45	0	0	0	0	0	0
Texas	142	315	-55.0%	96	43	46	273	0	0	0	0
Mountain	191	201	-5.2%	164	182	27	19	0	0	0	0
Arizona	35	47	-25.0%	35	47	0	0	0	0	0	0
Colorado	11	16	-27.0%	11	16	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	35	11	206.0%	12	0	23	11	0	0	0	0
Nevada	11	15	-23.0%	10	12	2	3	0	0	0	0
New Mexico	0	0	--	0	0	0	0	0	0	0	0
Utah	39	33	17.0%	37	28	2	5	0	0	0	0
Wyoming	59	79	-25.0%	59	79	0	0	0	0	0	0
Pacific Contiguous	42	41	2.1%	29	32	13	9	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	42	41	2.1%	29	32	13	9	0	0	0	0
Pacific Noncontiguous	8,502	8,669	-1.9%	6,642	6,908	1,860	1,761	0	0	0	0
Alaska	12	17	-32.0%	12	17	0	0	0	0	0	0
Hawaii	8,490	8,652	-1.9%	6,631	6,891	1,860	1,761	0	0	0	0
U.S. Total	12,290	16,554	-26.0%	8,936	11,720	3,047	4,396	0	0	307	438

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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.
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, November 2024 and 2023
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 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	46	61	-24.0%	46	61	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	46	61	-24.0%	46	61	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	0	0	-100.0%	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	31	-100.0%	0	31	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	31	-100.0%	0	31	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	18	-100.0%	0	18	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	0	18	-100.0%	0	18	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	46	111	-58.0%	46	111	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) November 2024 and 2023
(Thousand Tons)

Census Division and State	All Sectors			Electric Power Sector				Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 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	555	569	-2.4%	555	569	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	552	552	0.1%	552	552	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	3	17	-82.0%	3	17	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	229	395	-42.0%	229	395	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	229	395	-42.0%	229	395	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	109	323	-66.0%	109	323	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	109	323	-66.0%	109	323	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	894	1,287	-31.0%	894	1,287	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 4.9.A. Receipts of Natural Gas Delivered for Electricity Generation by State, November 2024 and 2023
(Million Cubic Feet)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	28,795	31,931	-9.8%	0	26	28,795	31,905	0	0	0	0
Connecticut	15,078	13,786	9.4%	0	0	15,078	13,786	0	0	0	0
Maine	1,120	2,834	-60.0%	0	0	1,120	2,834	0	0	0	0
Massachusetts	9,623	8,063	19.0%	0	26	9,623	8,037	0	0	0	0
New Hampshire	117	1,503	-92.0%	0	0	117	1,503	0	0	0	0
Rhode Island	2,857	5,745	-50.0%	0	0	2,857	5,745	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	124,114	123,496	0.5%	8,416	8,594	113,738	112,864	0	0	1,960	2,038
New Jersey	16,039	21,296	-25.0%	0	0	16,039	21,296	0	0	0	0
New York	34,160	37,274	-8.4%	8,416	8,594	25,232	28,187	0	0	512	492
Pennsylvania	73,916	64,926	14.0%	0	0	72,467	63,380	0	0	1,448	1,546
East North Central	107,964	119,357	-9.5%	43,794	40,713	62,065	76,543	563	455	1,543	1,646
Illinois	8,054	13,798	-42.0%	1,228	1,678	6,812	11,700	0	0	14	421
Indiana	17,881	18,533	-3.5%	8,503	7,786	9,378	10,746	0	0	0	0
Michigan	28,692	28,388	1.1%	16,583	13,854	11,186	13,697	563	455	359	382
Ohio	40,595	44,498	-8.8%	5,191	3,581	34,688	40,399	0	0	716	518
Wisconsin	12,743	14,140	-9.9%	12,289	13,814	0	0	0	0	454	326
West North Central	13,372	22,521	-41.0%	11,128	18,585	1,469	3,237	177	209	598	490
Iowa	3,647	4,505	-19.0%	3,049	4,015	0	0	0	0	598	490
Kansas	2,781	2,419	15.0%	2,781	2,419	0	0	0	0	0	0
Minnesota	4,069	7,236	-44.0%	2,921	4,514	1,146	2,721	1	1	0	0
Missouri	2,152	4,244	-49.0%	1,654	3,521	323	515	176	208	0	0
Nebraska	122	675	-82.0%	122	675	0	0	0	0	0	0
North Dakota	398	2,292	-83.0%	398	2,292	0	0	0	0	0	0
South Dakota	203	1,149	-82.0%	203	1,149	0	0	0	0	0	0
South Atlantic	214,145	212,520	0.8%	178,529	172,647	32,389	36,526	0	0	3,228	3,347
Delaware	931	1,269	-27.0%	0	0	931	1,269	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	105,639	96,955	9.0%	99,761	92,979	5,472	3,611	0	0	406	365
Georgia	26,406	28,365	-6.9%	21,981	21,980	3,572	5,503	0	0	853	881
Maryland	5,008	8,903	-44.0%	561	1,664	4,447	7,239	0	0	0	0
North Carolina	30,765	31,260	-1.6%	27,983	26,255	2,782	5,005	0	0	0	0
South Carolina	12,201	14,086	-13.0%	11,504	13,578	407	316	0	0	291	192
Virginia	28,764	26,735	7.6%	15,113	14,866	12,595	10,607	0	0	1,056	1,262
West Virginia	4,432	4,947	-10.0%	1,627	1,325	2,184	2,975	0	0	621	647
East South Central	86,089	82,190	4.7%	62,798	56,987	20,924	23,035	0	0	2,367	2,169
Alabama	33,176	38,313	-13.0%	12,333	15,929	20,843	22,383	0	0	0	0
Kentucky	8,423	7,590	11.0%	8,361	6,946	62	644	0	0	0	0
Mississippi	33,748	25,714	31.0%	33,728	25,707	19	7	0	0	0	0
Tennessee	10,743	10,573	1.6%	8,376	8,404	0	0	0	0	2,367	2,169
West South Central	233,806	254,112	-8.0%	80,197	85,847	103,458	112,027	0	0	50,151	56,239
Arkansas	9,341	10,386	-10.0%	9,097	9,565	0	500	0	0	243	321
Louisiana	45,556	48,581	-6.2%	27,085	27,921	2,764	2,242	0	0	15,708	18,418
Oklahoma	23,756	21,056	13.0%	13,903	14,575	9,371	5,921	0	0	483	559
Texas	155,153	174,089	-11.0%	30,112	33,784	91,323	103,363	0	0	33,717	36,942
Mountain	68,907	70,018	-1.6%	57,167	56,720	11,720	13,277	0	0	20	22
Arizona	30,053	29,851	0.7%	21,423	21,180	8,630	8,671	0	0	0	0
Colorado	11,189	9,961	12.0%	9,444	8,742	1,745	1,219	0	0	0	0
Idaho	1,255	2,492	-50.0%	1,255	1,492	0	1,000	0	0	0	0
Montana	732	751	-2.5%	732	744	0	7	0	0	0	0
Nevada	11,813	11,962	-1.2%	11,813	11,962	0	0	0	0	0	0
New Mexico	4,063	7,555	-46.0%	2,718	5,176	1,345	2,379	0	0	0	0
Utah	5,531	5,957	-7.2%	5,511	5,936	0	0	0	0	20	22
Wyoming	4,271	1,489	187.0%	4,271	1,488	0	1	0	0	0	0
Pacific Contiguous	60,516	78,212	-23.0%	26,932	32,093	31,483	43,738	0	0	2,101	2,381
California	43,994	54,729	-20.0%	18,288	17,064	23,606	35,284	0	0	2,101	2,381
Oregon	11,607	13,206	-12.0%	4,465	8,134	7,142	5,072	0	0	0	0
Washington	4,914	10,277	-52.0%	4,179	6,895	735	3,382	0	0	0	0
Pacific Noncontiguous	14	1,356	-99.0%	14	1,356	0	0	0	0	0	0
Alaska	14	1,356	-99.0%	14	1,356	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	937,724	995,713	-5.8%	468,976	473,567	406,042	453,150	740	664	61,967	68,333

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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) November 2024 and 2023
(Million Cubic Feet)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	323,762	369,516	-12.0%	149	275	323,613	369,241	0	0	0	0
Connecticut	151,799	149,720	1.4%	0	0	151,799	149,720	0	0	0	0
Maine	19,605	24,487	-20.0%	0	0	19,605	24,487	0	0	0	0
Massachusetts	89,324	97,184	-8.1%	149	275	89,175	96,909	0	0	0	0
New Hampshire	30,016	29,238	2.7%	0	0	30,016	29,238	0	0	0	0
Rhode Island	33,017	68,887	-52.0%	0	0	33,017	68,887	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	1,497,420	1,483,554	0.9%	104,104	95,272	1,372,113	1,366,045	0	0	21,202	22,237
New Jersey	189,685	222,746	-15.0%	0	0	189,685	222,746	0	0	0	0
New York	412,486	398,453	3.5%	104,104	95,272	301,947	297,106	0	0	6,434	6,075
Pennsylvania	895,248	862,355	3.8%	0	0	880,481	846,193	0	0	14,768	16,162
East North Central	1,312,285	1,416,552	-7.4%	519,765	550,421	773,538	842,530	4,743	5,010	14,239	18,590
Illinois	139,000	182,099	-24.0%	18,423	17,352	120,509	159,135	0	0	68	5,612
Indiana	221,231	224,868	-1.6%	112,309	119,134	108,922	105,734	0	0	0	0
Michigan	351,049	350,381	0.2%	181,337	191,348	160,857	149,351	4,743	5,010	4,112	4,672
Ohio	447,176	496,528	-9.9%	58,001	63,061	383,251	428,309	0	0	5,924	5,158
Wisconsin	153,829	162,675	-5.4%	149,695	159,526	0	0	0	0	4,134	3,149
West North Central	187,953	306,084	-39.0%	159,088	252,800	21,233	45,982	2,107	2,212	5,526	5,090
Iowa	52,679	69,694	-24.0%	47,153	64,604	0	0	0	0	5,526	5,090
Kansas	35,052	32,196	8.9%	35,052	32,196	0	0	0	0	0	0
Minnesota	40,552	80,171	-49.0%	33,084	50,893	7,453	29,262	14	16	0	0
Missouri	48,423	71,968	-33.0%	32,551	53,052	13,780	16,720	2,093	2,196	0	0
Nebraska	3,607	13,013	-72.0%	3,607	13,013	0	0	0	0	0	0
North Dakota	4,198	26,326	-84.0%	4,198	26,326	0	0	0	0	0	0
South Dakota	3,443	12,715	-73.0%	3,443	12,715	0	0	0	0	0	0
South Atlantic	2,693,183	2,739,466	-1.7%	2,262,762	2,298,216	395,214	408,194	0	0	35,207	33,056
Delaware	19,004	24,554	-23.0%	0	0	19,004	24,554	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,300,564	1,282,563	1.4%	1,244,310	1,229,396	51,979	49,406	0	0	4,274	3,761
Georgia	326,252	407,989	-20.0%	267,824	331,378	48,466	67,491	0	0	9,962	9,121
Maryland	90,937	101,896	-11.0%	19,355	27,848	71,582	74,049	0	0	0	0
North Carolina	386,053	373,186	3.4%	335,272	315,281	50,781	56,821	0	0	0	1,084
South Carolina	156,933	175,471	-11.0%	149,077	170,347	5,317	3,052	0	0	2,539	2,072
Virginia	380,453	339,357	12.0%	241,867	218,566	127,029	109,822	0	0	11,556	10,969
West Virginia	32,988	34,450	-4.2%	5,056	5,402	21,057	22,999	0	0	6,875	6,049
East South Central	1,009,594	975,385	3.5%	776,241	715,598	207,874	237,122	0	0	25,479	22,665
Alabama	380,591	388,774	-2.1%	178,704	157,176	201,887	231,598	0	0	0	0
Kentucky	117,529	98,525	19.0%	111,655	93,154	5,873	5,371	0	0	0	0
Mississippi	389,261	369,034	5.5%	389,147	368,881	114	153	0	0	0	0
Tennessee	122,214	119,053	2.7%	96,735	96,389	0	0	0	0	25,479	22,665
West South Central	3,015,724	3,279,111	-8.0%	1,029,067	1,162,531	1,416,386	1,518,384	0	0	570,271	598,196
Arkansas	122,951	172,592	-29.0%	110,123	159,611	9,746	10,508	0	0	3,081	2,473
Louisiana	531,546	537,970	-1.2%	319,245	304,724	33,826	40,647	0	0	178,475	192,600
Oklahoma	307,485	319,764	-3.8%	212,732	220,708	89,218	92,805	0	0	5,534	6,251
Texas	2,053,743	2,248,785	-8.7%	386,967	477,488	1,283,595	1,374,424	0	0	383,181	396,873
Mountain	862,133	832,956	3.5%	721,964	679,754	139,834	153,086	0	0	335	116
Arizona	378,609	359,564	5.3%	273,810	259,195	104,799	100,369	0	0	0	0
Colorado	120,972	114,965	5.2%	102,753	99,147	18,218	15,818	0	0	0	0
Idaho	11,445	26,666	-57.0%	11,445	15,696	0	10,970	0	0	0	0
Montana	5,111	5,614	-9.0%	5,111	5,562	0	52	0	0	0	0
Nevada	161,501	153,165	5.4%	161,501	153,165	0	0	0	0	0	0
New Mexico	78,802	90,708	-13.0%	61,998	64,838	16,805	25,870	0	0	0	0
Utah	70,133	69,824	0.4%	69,797	69,708	0	0	0	0	335	116
Wyoming	35,561	12,451	186.0%	35,549	12,444	12	7	0	0	0	0
Pacific Contiguous	662,491	767,766	-14.0%	246,785	312,684	391,833	431,406	0	0	23,873	23,677
California	488,141	518,558	-5.9%	161,890	159,604	302,378	335,277	0	0	23,873	23,677
Oregon	113,545	145,957	-22.0%	42,700	84,028	70,845	61,929	0	0	0	0
Washington	60,805	103,251	-41.0%	42,194	69,051	18,610	34,200	0	0	0	0
Pacific Noncontiguous	166	11,323	-99.0%	166	11,323	0	0	0	0	0	0
Alaska	166	11,323	-99.0%	166	11,323	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	11,564,711	12,181,714	-5.1%	5,820,091	6,078,874	5,041,639	5,371,990	6,849	7,222	696,132	723,628

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023
New England	W	W	W	--	--	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.91	1.98	47.0%	--	--	2.91	1.98
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	2.91	1.98	47.0%	--	--	2.91	1.98
East North Central	2.39	2.64	-9.5%	2.57	2.76	2.11	2.45
Illinois	W	W	W	1.77	2.17	W	W
Indiana	W	W	W	2.88	2.99	W	W
Michigan	2.43	W	W	2.43	2.81	--	W
Ohio	2.42	3.01	-20.0%	2.83	2.59	2.35	3.06
Wisconsin	2.40	2.58	-7.0%	2.40	2.58	--	--
West North Central	1.86	1.80	3.3%	1.86	1.80	--	--
Iowa	1.65	1.69	-2.4%	1.65	1.69	--	--
Kansas	1.56	1.65	-5.5%	1.56	1.65	--	--
Minnesota	2.22	2.41	-7.9%	2.22	2.41	--	--
Missouri	1.90	1.96	-3.1%	1.90	1.96	--	--
Nebraska	1.24	1.30	-4.6%	1.24	1.30	--	--
North Dakota	2.21	1.61	37.0%	2.21	1.61	--	--
South Dakota	2.34	2.26	3.5%	2.34	2.26	--	--
South Atlantic	W	3.56	W	3.48	3.64	W	2.47
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	3.55	3.27	8.6%	3.55	3.27	--	--
Georgia	4.06	4.27	-4.9%	4.06	4.27	--	--
Maryland	W	W	W	--	--	W	W
North Carolina	4.63	5.16	-10.0%	4.63	5.16	--	--
South Carolina	3.32	3.34	-0.6%	3.32	3.34	--	--
Virginia	3.70	5.68	-35.0%	3.70	5.68	--	--
West Virginia	W	W	W	2.90	2.85	W	W
East South Central	W	W	W	2.40	2.70	W	W
Alabama	2.53	2.97	-15.0%	2.53	2.97	--	--
Kentucky	2.27	2.40	-5.4%	2.27	2.40	--	--
Mississippi	W	W	W	3.12	3.51	W	W
Tennessee	3.00	3.95	-24.0%	3.00	3.95	--	--
West South Central	2.05	2.19	-6.4%	2.01	2.28	2.07	2.10
Arkansas	W	W	W	1.98	2.20	W	W
Louisiana	3.44	3.32	3.6%	3.44	3.32	--	--
Oklahoma	2.10	2.33	-9.9%	2.10	2.33	--	--
Texas	W	W	W	1.80	2.06	W	W
Mountain	W	W	W	2.64	2.41	W	W
Arizona	3.21	3.04	5.6%	3.21	3.04	--	--
Colorado	2.53	2.29	10.0%	2.53	2.29	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	5.00	4.88	W	W
New Mexico	3.59	--	--	3.59	--	--	--
Utah	3.67	2.57	43.0%	3.67	2.57	--	--
Wyoming	W	W	W	1.73	2.06	W	W
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	4.01	4.38	-8.4%	4.01	4.38	--	--
Alaska	4.01	4.38	-8.4%	4.01	4.38	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.42	2.50	-3.2%	2.49	2.57	2.17	2.27

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 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	2.41	2.37	1.7%	--	--	2.41	2.37
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	2.41	2.37	1.7%	--	--	2.41	2.37
East North Central	2.42	2.55	-5.1%	2.60	2.69	2.12	2.31
Illinois	W	W	W	2.05	2.08	W	W
Indiana	W	W	W	2.88	3.00	W	W
Michigan	2.55	W	W	2.55	2.57	--	W
Ohio	2.56	2.65	-3.4%	2.77	2.59	2.51	2.67
Wisconsin	2.32	2.49	-6.8%	2.32	2.49	--	--
West North Central	1.81	1.83	-1.1%	1.81	1.83	--	--
Iowa	1.92	1.77	8.5%	1.92	1.77	--	--
Kansas	1.61	1.70	-5.3%	1.61	1.70	--	--
Minnesota	2.27	2.40	-5.4%	2.27	2.40	--	--
Missouri	1.84	1.91	-3.7%	1.84	1.91	--	--
Nebraska	1.28	1.34	-4.5%	1.28	1.34	--	--
North Dakota	1.90	1.86	2.2%	1.90	1.86	--	--
South Dakota	2.36	2.25	4.9%	2.36	2.25	--	--
South Atlantic	3.46	3.56	-2.8%	3.53	3.65	2.54	2.69
Delaware	--	W	W	--	--	--	W
District of Columbia	--	--	--	--	--	--	--
Florida	3.61	3.38	6.8%	3.61	3.38	--	--
Georgia	4.15	4.50	-7.8%	4.15	4.50	--	--
Maryland	W	W	W	--	--	W	W
North Carolina	4.50	4.67	-3.6%	4.50	4.67	--	--
South Carolina	3.27	W	W	3.27	3.61	--	W
Virginia	4.54	5.32	-15.0%	4.54	5.32	--	--
West Virginia	W	2.81	W	2.89	2.96	W	2.10
East South Central	W	W	W	2.55	2.74	W	W
Alabama	2.68	3.04	-12.0%	2.68	3.04	--	--
Kentucky	2.41	2.50	-3.6%	2.41	2.50	--	--
Mississippi	W	W	W	3.75	4.04	W	W
Tennessee	3.02	3.50	-14.0%	3.02	3.50	--	--
West South Central	2.10	2.17	-3.2%	2.08	2.21	2.11	2.13
Arkansas	W	W	W	2.02	2.17	W	W
Louisiana	W	W	W	2.81	2.96	W	W
Oklahoma	2.17	2.26	-4.0%	2.17	2.26	--	--
Texas	W	W	W	1.99	2.09	W	W
Mountain	W	2.32	W	2.74	2.38	W	1.96
Arizona	3.23	3.05	5.9%	3.23	3.05	--	--
Colorado	2.19	2.10	4.3%	2.19	2.10	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	4.49	5.23	W	W
New Mexico	3.66	3.57	2.5%	3.66	3.57	--	--
Utah	3.63	2.51	45.0%	3.63	2.51	--	--
Wyoming	W	W	W	1.78	1.84	W	W
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	4.49	4.58	-2.0%	4.49	4.58	--	--
Alaska	4.49	4.58	-2.0%	4.49	4.58	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.48	2.50	-0.8%	2.56	2.56	2.18	2.28

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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, November 2024 and 2023
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023
New England	W	W	W	--	21.65	W	W
Connecticut	--	W	W	--	--	--	W
Maine	W	W	W	--	--	W	W
Massachusetts	--	W	W	--	21.65	--	W
New Hampshire	W	W	W	--	--	W	W
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	17.39	18.08	-3.8%	--	17.36	17.39	18.09
New Jersey	--	23.31	--	--	--	--	23.31
New York	--	W	W	--	17.36	--	W
Pennsylvania	17.39	W	W	--	--	17.39	W
East North Central	W	20.92	W	16.68	21.13	W	20.78
Illinois	18.65	W	W	18.60	23.27	18.67	W
Indiana	17.07	21.76	-22.0%	17.07	21.76	--	--
Michigan	15.70	19.24	-18.0%	15.70	19.24	--	--
Ohio	W	W	W	23.53	24.83	W	W
Wisconsin	16.34	22.11	-26.0%	16.34	22.11	--	--
West North Central	16.48	W	W	16.48	21.28	--	W
Iowa	16.36	22.04	-26.0%	16.36	22.04	--	--
Kansas	16.78	21.19	-21.0%	16.78	21.19	--	--
Minnesota	16.39	W	W	16.39	19.92	--	W
Missouri	16.36	21.59	-24.0%	16.36	21.59	--	--
Nebraska	18.33	21.85	-16.0%	18.33	21.85	--	--
North Dakota	13.65	20.65	-34.0%	13.65	20.65	--	--
South Dakota	--	28.46	--	--	28.46	--	--
South Atlantic	17.57	22.96	-23.0%	17.73	22.99	16.92	22.79
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	18.25	23.81	-23.0%	18.25	23.81	--	--
Georgia	18.47	W	W	18.47	26.36	--	W
Maryland	W	22.10	W	--	--	W	22.10
North Carolina	17.29	21.40	-19.0%	17.29	21.40	--	--
South Carolina	16.96	21.11	-20.0%	16.96	21.11	--	--
Virginia	W	W	W	17.50	22.23	W	W
West Virginia	18.01	W	W	18.01	22.52	--	W
East South Central	17.05	21.87	-22.0%	17.05	21.87	--	--
Alabama	--	21.54	--	--	21.54	--	--
Kentucky	17.14	22.17	-23.0%	17.14	22.17	--	--
Mississippi	--	21.15	--	--	21.15	--	--
Tennessee	16.46	21.26	-23.0%	16.46	21.26	--	--
West South Central	W	21.82	W	23.47	21.54	W	22.35
Arkansas	17.46	W	W	17.46	23.58	--	W
Louisiana	--	19.46	--	--	19.46	--	--
Oklahoma	17.38	21.10	-18.0%	17.38	21.10	--	--
Texas	W	W	W	25.58	26.04	W	W
Mountain	19.87	25.38	-22.0%	19.95	25.57	19.30	24.17
Arizona	21.07	26.53	-21.0%	21.07	26.53	--	--
Colorado	--	24.60	--	--	24.60	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	24.71	30.00	W	W
New Mexico	--	--	--	--	--	--	--
Utah	W	W	W	17.70	27.46	W	W
Wyoming	19.69	23.27	-15.0%	19.69	23.27	--	--
Pacific Contiguous	25.15	W	W	25.15	--	--	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	25.15	W	W	25.15	--	--	W
Pacific Noncontiguous	W	W	W	16.28	21.57	W	W
Alaska	20.20	22.63	-11.0%	20.20	22.63	--	--
Hawaii	W	W	W	16.26	21.57	W	W
U.S. Total	16.95	21.22	-20.0%	16.97	21.72	16.93	20.22

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	16.64	W	W	15.81	21.31	16.82	W
Connecticut	W	27.12	W	--	--	W	27.12
Maine	W	15.88	W	--	--	W	15.88
Massachusetts	W	W	W	15.81	21.31	W	W
New Hampshire	W	W	W	--	--	W	W
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	17.67	19.14	-7.7%	18.29	17.35	17.43	20.85
New Jersey	W	23.04	W	--	--	W	23.04
New York	W	18.24	W	18.29	17.35	W	19.46
Pennsylvania	18.13	24.28	-25.0%	--	--	18.13	24.28
East North Central	18.40	20.27	-9.2%	18.16	19.92	18.75	20.95
Illinois	19.69	23.87	-18.0%	19.41	24.20	19.71	23.71
Indiana	18.33	21.47	-15.0%	18.33	21.47	--	--
Michigan	17.83	17.31	3.0%	17.83	17.31	--	--
Ohio	18.60	21.14	-12.0%	19.50	23.54	18.51	20.47
Wisconsin	17.40	20.26	-14.0%	17.40	20.26	--	--
West North Central	18.58	W	W	18.58	21.75	--	W
Iowa	18.48	22.32	-17.0%	18.48	22.32	--	--
Kansas	18.72	20.94	-11.0%	18.72	20.94	--	--
Minnesota	17.80	W	W	17.80	20.36	--	W
Missouri	18.35	22.39	-18.0%	18.35	22.39	--	--
Nebraska	17.94	22.02	-19.0%	17.94	22.02	--	--
North Dakota	19.42	21.54	-9.8%	19.42	21.54	--	--
South Dakota	18.04	24.42	-26.0%	18.04	24.42	--	--
South Atlantic	18.24	W	W	18.96	22.19	17.12	W
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	19.95	W	W	19.95	21.69	--	W
Georgia	20.02	W	W	20.02	24.76	--	W
Maryland	16.83	21.44	-22.0%	--	--	16.83	21.44
North Carolina	18.86	24.57	-23.0%	18.86	24.57	--	--
South Carolina	18.71	W	W	18.71	22.56	--	W
Virginia	W	W	W	18.55	19.50	W	W
West Virginia	18.35	W	W	18.35	21.94	--	W
East South Central	18.35	21.80	-16.0%	18.35	21.80	--	--
Alabama	19.27	23.07	-16.0%	19.27	23.07	--	--
Kentucky	18.39	22.65	-19.0%	18.39	22.65	--	--
Mississippi	18.63	21.68	-14.0%	18.63	21.68	--	--
Tennessee	17.45	21.00	-17.0%	17.45	21.00	--	--
West South Central	18.55	21.93	-15.0%	18.38	21.44	19.10	22.21
Arkansas	W	W	W	17.84	22.04	W	W
Louisiana	16.87	19.60	-14.0%	16.87	19.60	--	--
Oklahoma	17.77	22.10	-20.0%	17.77	22.10	--	--
Texas	W	W	W	18.99	20.39	W	W
Mountain	W	25.04	W	20.65	24.93	W	26.10
Arizona	22.27	24.55	-9.3%	22.27	24.55	--	--
Colorado	20.89	27.24	-23.0%	20.89	27.24	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	20.32	--	W	W
Nevada	W	W	W	22.86	26.54	W	W
New Mexico	--	--	--	--	--	--	--
Utah	W	W	W	19.90	25.06	W	W
Wyoming	19.81	24.41	-19.0%	19.81	24.41	--	--
Pacific Contiguous	W	W	W	24.76	25.90	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	24.76	25.90	W	W
Pacific Noncontiguous	W	W	W	18.15	20.02	W	W
Alaska	21.61	25.25	-14.0%	21.61	25.25	--	--
Hawaii	W	W	W	18.14	20.00	W	W
U.S. Total	18.40	20.51	-10.0%	18.30	20.51	18.68	20.51

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	2.64	2.94	-10.0%	2.64	2.94	--	--
Illinois	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	2.64	2.94	-10.0%	2.64	2.94	--	--
Ohio	--	--	--	--	--	--	--
Wisconsin	--	5.29	--	--	5.29	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	--	4.56	--	--	4.56	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	--	4.56	--	--	4.56	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	--	4.03	--	--	4.03	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	--	4.03	--	--	4.03	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.64	3.60	-27.0%	2.64	3.60	--	--

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	2.63	2.96	-11.0%	2.63	2.96	--	--
Illinois	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	2.63	2.89	-9.0%	2.63	2.89	--	--
Ohio	--	--	--	--	--	--	--
Wisconsin	2.36	5.16	-54.0%	2.36	5.16	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	3.64	5.27	-31.0%	3.64	5.27	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	3.64	5.27	-31.0%	3.64	5.27	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	3.34	4.73	-29.0%	3.34	4.73	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	3.34	4.73	-29.0%	3.34	4.73	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.98	4.13	-28.0%	2.98	4.13	--	--

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	November 2024	November 2023	Percentage Change	November 2024	November 2023	November 2024	November 2023
New England	W	W	W	--	2.86	W	W
Connecticut	2.50	3.47	-28.0%	--	--	2.50	3.47
Maine	W	W	W	--	--	W	W
Massachusetts	W	4.47	W	--	2.86	W	4.47
New Hampshire	W	W	W	--	--	W	W
Rhode Island	W	3.27	W	--	--	W	3.27
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.20	2.60	-15.0%	2.35	2.71	2.18	2.59
New Jersey	1.96	2.38	-18.0%	--	--	1.96	2.38
New York	2.65	3.15	-16.0%	2.35	2.71	2.77	3.30
Pennsylvania	2.03	2.32	-12.0%	--	--	2.03	2.32
East North Central	2.38	2.76	-14.0%	2.67	3.18	2.17	2.55
Illinois	W	2.58	W	2.36	2.94	W	2.53
Indiana	2.28	2.72	-16.0%	2.40	2.89	2.17	2.59
Michigan	W	2.97	W	2.71	3.04	W	2.90
Ohio	2.22	2.42	-8.3%	2.49	2.44	2.17	2.42
Wisconsin	2.92	3.70	-21.0%	2.92	3.70	--	--
West North Central	W	W	W	2.48	3.36	W	W
Iowa	1.95	2.29	-15.0%	1.95	2.29	--	--
Kansas	2.41	3.74	-36.0%	2.41	3.74	--	--
Minnesota	W	W	W	3.02	4.73	W	W
Missouri	W	W	W	2.30	2.64	W	W
Nebraska	5.05	5.83	-13.0%	5.05	5.83	--	--
North Dakota	3.19	2.36	35.0%	3.19	2.36	--	--
South Dakota	2.62	3.59	-27.0%	2.62	3.59	--	--
South Atlantic	3.38	4.14	-18.0%	3.54	4.32	2.29	3.08
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	4.31	W	3.53	4.33	W	3.54
Georgia	W	W	W	2.68	3.38	W	W
Maryland	W	3.54	W	4.61	3.31	W	3.60
North Carolina	W	W	W	4.44	5.44	W	W
South Carolina	3.33	3.92	-15.0%	3.33	3.92	--	--
Virginia	2.95	3.78	-22.0%	3.39	4.42	2.21	2.52
West Virginia	W	W	W	1.95	1.79	W	W
East South Central	2.44	3.08	-21.0%	2.47	3.12	2.30	2.96
Alabama	W	W	W	2.63	3.42	W	W
Kentucky	W	W	W	2.64	3.16	W	W
Mississippi	W	W	W	2.35	3.02	W	W
Tennessee	2.53	2.82	-10.0%	2.53	2.82	--	--
West South Central	2.14	2.74	-22.0%	2.29	2.85	1.99	2.65
Arkansas	2.28	W	W	2.28	2.58	--	W
Louisiana	W	W	W	2.41	2.96	W	W
Oklahoma	W	W	W	2.75	3.13	W	W
Texas	1.98	2.67	-26.0%	1.96	2.71	1.99	2.66
Mountain	2.50	4.08	-39.0%	2.55	3.99	2.19	4.66
Arizona	W	W	W	1.99	3.47	W	W
Colorado	W	W	W	2.54	3.17	W	W
Idaho	2.69	4.90	-45.0%	2.69	4.90	--	--
Montana	1.29	W	W	1.29	2.22	--	W
Nevada	3.50	5.28	-34.0%	3.50	5.28	--	--
New Mexico	0.57	2.10	-73.0%	0.57	2.10	--	--
Utah	3.39	5.60	-39.0%	3.39	5.60	--	--
Wyoming	2.85	W	W	2.85	5.19	--	W
Pacific Contiguous	3.56	5.29	-33.0%	3.95	5.46	2.99	5.07
California	3.75	5.95	-37.0%	4.13	6.63	3.24	5.34
Oregon	W	W	W	2.75	4.04	W	W
Washington	W	W	W	4.54	4.57	W	W
Pacific Noncontiguous	7.94	7.53	5.4%	7.94	7.53	--	--
Alaska	7.94	7.53	5.4%	7.94	7.53	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.66	3.41	-22.0%	2.96	3.79	2.24	2.94

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

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

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	November 2024 YTD	November 2023 YTD	Percentage Change	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	W	W	W	2.59	5.72	W	W
Connecticut	2.62	3.73	-30.0%	--	--	2.62	3.73
Maine	W	W	W	--	--	W	W
Massachusetts	5.03	6.75	-25.0%	2.59	5.72	5.03	6.75
New Hampshire	W	W	W	--	--	W	W
Rhode Island	W	2.86	W	--	--	W	2.86
Vermont	--	--	--	--	--	--	--
Middle Atlantic	2.13	2.31	-7.8%	2.42	3.05	2.11	2.24
New Jersey	2.18	2.05	6.3%	--	--	2.18	2.05
New York	2.53	2.90	-13.0%	2.42	3.05	2.58	2.85
Pennsylvania	1.92	2.08	-7.7%	--	--	1.92	2.08
East North Central	2.29	2.68	-15.0%	2.53	3.13	2.14	2.38
Illinois	2.27	2.57	-12.0%	2.02	2.87	2.31	2.53
Indiana	2.41	2.88	-16.0%	2.68	3.09	2.14	2.65
Michigan	2.29	2.70	-15.0%	2.43	2.81	2.12	2.57
Ohio	2.12	2.24	-5.4%	2.31	2.48	2.09	2.20
Wisconsin	2.67	3.84	-30.0%	2.67	3.84	--	--
West North Central	W	W	W	2.61	3.40	W	W
Iowa	2.38	2.98	-20.0%	2.38	2.98	--	--
Kansas	2.63	3.06	-14.0%	2.63	3.06	--	--
Minnesota	W	W	W	2.92	5.03	W	W
Missouri	W	W	W	2.52	2.84	W	W
Nebraska	3.27	3.34	-2.1%	3.27	3.34	--	--
North Dakota	3.06	2.74	12.0%	3.06	2.74	--	--
South Dakota	2.33	3.34	-30.0%	2.33	3.34	--	--
South Atlantic	3.44	3.83	-10.0%	3.57	3.98	2.52	2.81
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	3.98	W	3.54	3.99	W	3.49
Georgia	W	W	W	2.87	3.04	W	W
Maryland	W	2.90	W	2.72	2.43	W	3.07
North Carolina	W	4.93	W	4.71	5.30	W	2.77
South Carolina	3.51	3.92	-10.0%	3.51	3.92	--	--
Virginia	2.76	3.27	-16.0%	3.03	3.69	2.07	2.17
West Virginia	W	W	W	2.18	1.92	W	W
East South Central	2.64	2.92	-9.6%	2.62	2.95	2.70	2.84
Alabama	W	W	W	2.75	3.20	W	W
Kentucky	W	W	W	3.02	3.39	W	W
Mississippi	W	W	W	2.47	2.75	W	W
Tennessee	2.54	2.83	-10.0%	2.54	2.83	--	--
West South Central	2.22	2.67	-17.0%	2.35	2.79	2.11	2.56
Arkansas	W	W	W	2.48	2.71	W	W
Louisiana	W	W	W	2.57	2.82	W	W
Oklahoma	W	W	W	2.61	2.96	W	W
Texas	2.07	2.61	-21.0%	1.97	2.71	2.11	2.57
Mountain	2.37	5.22	-55.0%	2.36	5.27	2.51	4.68
Arizona	W	W	W	2.09	4.21	W	W
Colorado	W	W	W	2.59	3.89	W	W
Idaho	2.75	6.87	-60.0%	2.75	6.87	--	--
Montana	1.35	W	W	1.35	2.39	--	W
Nevada	2.87	7.40	-61.0%	2.87	7.40	--	--
New Mexico	0.89	2.65	-66.0%	0.89	2.65	--	--
Utah	3.07	8.14	-62.0%	3.07	8.14	--	--
Wyoming	W	W	W	2.38	7.13	W	W
Pacific Contiguous	3.44	6.57	-48.0%	3.66	6.98	3.18	6.05
California	3.80	7.55	-50.0%	4.15	8.62	3.42	6.63
Oregon	W	W	W	2.27	5.20	W	W
Washington	W	W	W	3.48	5.90	W	W
Pacific Noncontiguous	8.20	7.24	13.0%	8.20	7.24	--	--
Alaska	8.20	7.24	13.0%	8.20	7.24	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.68	3.39	-21.0%	2.94	3.81	2.30	2.82

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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 4.14. Receipts and Quality of Coal by Rank Delivered for Electricity Generation: Total (All Sectors) by State, November 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	2	0.97	4.8	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	2	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	137	2.93	8.3	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	137	2.93	8.3	0	--	--	0	--	--
East North Central	3,454	3.19	10.7	2,873	0.25	4.7	0	--	--
Illinois	610	3.51	21.8	1,066	0.23	4.7	0	--	--
Indiana	1,464	2.89	9.2	15	0.40	5.4	0	--	--
Michigan	35	3.11	7.8	897	0.26	4.5	0	--	--
Ohio	1,236	3.42	8.7	0	--	--	0	--	--
Wisconsin	109	2.79	7.9	895	0.25	4.8	0	--	--
West North Central	33	2.86	8.5	4,936	0.26	4.9	1,691	0.76	11.2
Iowa	1	3.65	8.5	831	0.27	4.8	0	--	--
Kansas	0	--	--	744	0.27	5.1	0	--	--
Minnesota	0	--	--	629	0.23	4.8	0	--	--
Missouri	32	2.84	8.5	1,862	0.24	4.8	0	--	--
Nebraska	0	--	--	760	0.28	5.4	0	--	--
North Dakota	0	--	--	0	--	--	1,691	0.76	11.2
South Dakota	0	--	--	111	0.37	5.7	0	--	--
South Atlantic	2,981	2.56	9.5	383	0.36	5.4	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	304	2.86	8.8	0	--	--	0	--	--
Georgia	245	2.59	9.2	383	0.36	5.4	0	--	--
Maryland	94	3.11	8.1	0	--	--	0	--	--
North Carolina	433	1.40	10.9	0	--	--	0	--	--
South Carolina	515	2.00	9.1	0	--	--	0	--	--
Virginia	25	0.98	16.2	0	--	--	0	--	--
West Virginia	1,366	3.03	9.5	0	--	--	0	--	--
East South Central	1,880	2.82	9.7	1,520	0.25	4.9	206	0.60	12.8
Alabama	64	1.25	15.2	818	0.28	5.2	0	--	--
Kentucky	1,553	2.93	9.7	614	0.21	4.7	0	--	--
Mississippi	0	--	--	16	0.19	4.3	206	0.60	12.8
Tennessee	263	2.56	8.5	72	0.24	4.9	0	--	--
West South Central	30	2.63	8.9	3,996	0.29	5.3	1,061	0.95	15.3
Arkansas	3	0.85	12.3	589	0.23	4.8	0	--	--
Louisiana	27	2.87	8.5	61	0.20	4.5	0	--	--
Oklahoma	0	--	--	543	0.21	4.9	0	--	--
Texas	0	--	--	2,802	0.32	5.5	1,061	0.95	15.3
Mountain	1,006	0.69	12.7	3,464	0.43	7.1	0	--	--
Arizona	0	--	--	467	0.40	8.3	0	--	--
Colorado	96	0.46	8.6	749	0.31	6.0	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	508	0.81	9.4	0	--	--
Nevada	32	0.28	4.0	102	0.36	4.3	0	--	--
New Mexico	242	0.84	19.3	0	--	--	0	--	--
Utah	636	0.69	11.6	0	--	--	0	--	--
Wyoming	0	--	--	1,639	0.39	6.6	0	--	--
Pacific Contiguous	35	0.34	5.9	143	0.40	8.4	0	--	--
California	35	0.34	5.9	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	143	0.40	8.4	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	26	0.13	8.7
Alaska	0	--	--	0	--	--	26	0.13	8.7
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	9,559	2.65	10.2	17,314	0.30	5.4	2,985	0.82	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 2024 are preliminary. Values for 2023 are final. 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, November 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	1,680	2.92	9.2	2,111	0.25	4.7	0	--	--
Illinois	34	1.73	9.8	305	0.20	4.7	0	--	--
Indiana	1,308	2.87	9.4	15	0.40	5.4	0	--	--
Michigan	35	3.11	7.8	897	0.26	4.5	0	--	--
Ohio	194	3.44	8.6	0	--	--	0	--	--
Wisconsin	109	2.79	7.9	895	0.25	4.8	0	--	--
West North Central	32	2.84	8.5	4,701	0.26	4.9	1,691	0.76	11.2
Iowa	0	--	--	643	0.28	4.8	0	--	--
Kansas	0	--	--	744	0.27	5.1	0	--	--
Minnesota	0	--	--	629	0.23	4.8	0	--	--
Missouri	32	2.84	8.5	1,862	0.24	4.8	0	--	--
Nebraska	0	--	--	712	0.27	5.4	0	--	--
North Dakota	0	--	--	0	--	--	1,691	0.76	11.2
South Dakota	0	--	--	111	0.37	5.7	0	--	--
South Atlantic	2,694	2.50	9.6	383	0.36	5.4	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	294	2.94	8.8	0	--	--	0	--	--
Georgia	245	2.59	9.2	383	0.36	5.4	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	433	1.40	10.9	0	--	--	0	--	--
South Carolina	515	2.00	9.1	0	--	--	0	--	--
Virginia	10	1.24	36.7	0	--	--	0	--	--
West Virginia	1,198	2.98	9.6	0	--	--	0	--	--
East South Central	1,832	2.87	9.7	1,520	0.25	4.9	0	--	--
Alabama	64	1.25	15.2	818	0.28	5.2	0	--	--
Kentucky	1,553	2.93	9.7	614	0.21	4.7	0	--	--
Mississippi	0	--	--	16	0.19	4.3	0	--	--
Tennessee	216	2.97	8.7	72	0.24	4.9	0	--	--
West South Central	27	2.87	8.5	1,915	0.25	5.0	0	--	--
Arkansas	0	--	--	426	0.22	4.7	0	--	--
Louisiana	27	2.87	8.5	61	0.20	4.5	0	--	--
Oklahoma	0	--	--	543	0.21	4.9	0	--	--
Texas	0	--	--	885	0.29	5.2	0	--	--
Mountain	1,006	0.69	12.7	2,853	0.37	6.7	0	--	--
Arizona	0	--	--	467	0.40	8.3	0	--	--
Colorado	96	0.46	8.6	749	0.31	6.0	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	0	--	--
Nevada	32	0.28	4.0	44	0.46	3.2	0	--	--
New Mexico	242	0.84	19.3	0	--	--	0	--	--
Utah	636	0.69	11.6	0	--	--	0	--	--
Wyoming	0	--	--	1,594	0.39	6.6	0	--	--
Pacific Contiguous	0	--	--	0	--	--	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	26	0.13	8.7
Alaska	0	--	--	0	--	--	26	0.13	8.7
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	7,271	2.46	9.9	13,483	0.28	5.3	1,717	0.75	11.2

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 2024 are preliminary. Values for 2023 are final. 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, November 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	2	0.97	4.8	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	2	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	126	3.00	8.3	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	126	3.00	8.3	0	--	--	0	--	--
East North Central	1,700	3.44	12.4	709	0.24	4.7	0	--	--
Illinois	502	3.62	25.2	709	0.24	4.7	0	--	--
Indiana	156	3.11	7.5	0	--	--	0	--	--
Michigan	0	--	--	0	--	--	0	--	--
Ohio	1,042	3.42	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	263	3.30	8.6	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	94	3.11	8.1	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	0	--	--	0	--	--	0	--	--
West Virginia	169	3.41	9.0	0	--	--	0	--	--
East South Central	0	--	--	0	--	--	206	0.60	12.8
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	206	0.60	12.8
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	0	--	--	2,081	0.33	5.5	1,061	0.95	15.3
Arkansas	0	--	--	163	0.26	5.0	0	--	--
Louisiana	0	--	--	0	--	--	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	1,918	0.34	5.6	1,061	0.95	15.3
Mountain	0	--	--	611	0.74	8.8	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	508	0.81	9.4	0	--	--
Nevada	0	--	--	59	0.27	5.3	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	45	0.51	6.8	0	--	--
Pacific Contiguous	0	--	--	143	0.40	8.4	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	143	0.40	8.4	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	2,091	3.39	11.6	3,543	0.38	6.0	1,268	0.91	15.0

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 2024 are preliminary. Values for 2023 are final. 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, November 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 2024 are preliminary. Values for 2023 are final. 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, November 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	11	2.23	7.9	0	--	--	0	--	--
New Jersey	0	--	--	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	11	2.23	7.9	0	--	--	0	--	--
East North Central	74	3.65	8.5	53	0.39	5.2	0	--	--
Illinois	74	3.65	8.5	53	0.39	5.2	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	0	--	--	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	1	3.65	8.5	235	0.25	4.6	0	--	--
Iowa	1	3.65	8.5	188	0.23	4.5	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	48	0.33	4.8	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	25	0.83	8.1	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	10	0.77	8.6	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	0	--	--	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	15	0.87	7.7	0	--	--	0	--	--
West Virginia	0	--	--	0	--	--	0	--	--
East South Central	48	0.78	7.8	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	48	0.78	7.8	0	--	--	0	--	--
West South Central	3	0.85	12.3	0	--	--	0	--	--
Arkansas	3	0.85	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	35	0.34	5.9	0	--	--	0	--	--
California	35	0.34	5.9	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	197	1.84	7.9	288	0.28	4.7	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 2024 are preliminary. Values for 2023 are final. 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 - November 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	1,450,025	1,408,109	1,009,256	6,864	3,874,253
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	131,638	112,790	80,408	579	325,415
February	112,105	103,830	76,449	561	292,946
March	110,417	112,643	82,817	577	306,454
April	96,196	104,091	80,011	513	280,811
May	100,231	113,243	84,704	529	298,706
June	121,320	120,707	86,193	579	328,798
July	159,715	136,394	90,526	621	387,256
August	161,460	138,390	92,009	578	392,436
Sept	132,807	126,546	86,472	652	346,476
October	103,314	118,208	85,978	565	308,065
November	101,907	109,756	82,036	549	294,248
December	118,917	111,512	81,652	561	312,642
Year 2024					
January	143,267	116,194	83,099	611	343,171
February	116,351	106,678	78,345	541	301,916
March	102,726	108,217	82,980	599	294,522
April	95,126	105,888	81,881	538	283,432
May	107,999	115,903	87,533	597	312,031
June	139,067	125,818	87,651	568	353,104
July	165,564	136,759	91,160	641	394,124
August	159,644	136,966	92,969	640	390,219
Sept	128,429	124,259	87,127	564	340,380
October	106,887	118,312	87,871	569	313,638
November	99,393	109,262	83,405	554	292,614
Year to Date					
2022	1,377,831	1,276,943	938,612	6,006	3,599,393
2023	1,331,108	1,296,597	927,604	6,302	3,561,612
2024	1,364,454	1,304,256	944,021	6,421	3,619,151
Rolling 12 Months Ending in November					
2023	1,462,510	1,410,526	1,009,456	6,895	3,889,387
2024	1,483,371	1,415,768	1,025,672	6,982	3,931,793

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 2023 and prior years are final. Values for 2024 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 - November 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	231,993	177,342	81,159	877	491,370
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	20,371	14,228	6,578	73	41,249
February	17,910	13,013	6,125	74	37,123
March	17,716	13,923	6,460	71	38,171
April	15,492	12,572	6,009	62	34,136
May	16,176	13,769	6,472	66	36,483
June	19,515	15,248	6,987	72	41,821
July	25,336	17,603	7,563	79	50,582
August	25,693	18,102	8,185	77	52,057
Sept	21,602	16,538	7,291	94	45,525
October	17,022	15,047	6,883	71	39,024
November	16,501	13,646	6,394	69	36,610
December	18,659	13,653	6,210	69	38,591
Year 2024					
January	22,169	14,630	6,729	77	43,604
February	18,753	13,597	6,102	71	38,522
March	17,149	13,771	6,372	71	37,363
April	16,057	13,379	6,363	67	35,866
May	17,739	14,461	6,902	73	39,175
June	22,829	16,447	7,367	72	46,715
July	27,535	18,576	8,028	84	54,224
August	26,556	18,345	8,104	84	53,089
Sept	21,616	16,734	7,415	73	45,840
October	18,110	15,615	7,210	70	41,005
November	16,911	13,353	6,578	69	36,912
Year to Date					
2022	207,352	158,604	77,939	697	444,593
2023	213,334	163,689	74,948	807	452,779
2024	225,425	168,909	77,169	813	472,315
Rolling 12 Months Ending in November					
2023	232,971	177,685	81,904	875	493,435
2024	244,084	182,562	83,379	882	510,907

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 2023 and prior years are final. Values for 2024 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 - November 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	16.00	12.59	8.04	12.77	12.68
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	12.61	8.18	12.54	12.68
February	15.98	12.53	8.01	13.14	12.67
March	16.04	12.36	7.80	12.28	12.46
April	16.10	12.08	7.51	12.05	12.16
May	16.14	12.16	7.64	12.43	12.21
June	16.09	12.63	8.11	12.41	12.72
July	15.86	12.91	8.36	12.77	13.06
August	15.91	13.08	8.90	13.26	13.27
Sept	16.27	13.07	8.43	14.45	13.14
October	16.48	12.73	8.01	12.65	12.67
November	16.19	12.43	7.79	12.60	12.44
December	15.69	12.24	7.61	12.34	12.34
Year 2024					
January	15.47	12.59	8.10	12.64	12.71
February	16.12	12.75	7.79	13.08	12.76
March	16.69	12.73	7.68	11.92	12.69
April	16.88	12.63	7.77	12.43	12.65
May	16.43	12.48	7.88	12.21	12.55
June	16.42	13.07	8.40	12.74	13.23
July	16.63	13.58	8.81	13.15	13.76
August	16.63	13.39	8.72	13.18	13.61
Sept	16.83	13.47	8.51	13.01	13.47
October	16.94	13.20	8.21	12.35	13.07
November	17.01	12.22	7.89	12.48	12.61
Year to Date					
2022	15.05	12.42	8.30	11.61	12.35
2023	16.03	12.62	8.08	12.81	12.71
2024	16.52	12.95	8.17	12.66	13.05
Rolling 12 Months Ending in November					
2023	15.93	12.60	8.11	12.69	12.69
2024	16.45	12.89	8.13	12.63	12.99

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 2023 and prior years are final. Values for 2024 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, November 2024 and 2023 (Thousand Megawatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	3,405	3,533	3,734	3,885	1,176	1,208	39	39	8,354	8,665
Connecticut	903	975	883	890	207	210	17	14	2,010	2,091
Maine	321	393	301	330	184	184	0	0	805	907
Massachusetts	1,460	1,405	1,807	1,908	481	505	22	22	3,771	3,839
New Hampshire	348	356	331	324	157	154	0	0	836	834
Rhode Island	217	222	269	282	47	49	0	2	533	555
Vermont	156	183	144	150	100	106	0	0	399	439
Middle Atlantic	9,052	9,625	10,914	11,438	5,590	5,690	304	272	25,860	27,026
New Jersey	1,867	1,953	2,527	2,740	471	535	39	32	4,903	5,259
New York	3,421	3,609	5,420	5,877	1,246	1,317	235	218	10,323	11,021
Pennsylvania	3,764	4,064	2,967	2,822	3,873	3,839	30	22	10,635	10,746
East North Central	12,512	13,383	13,752	13,634	15,487	15,105	37	34	41,788	42,156
Illinois	2,859	3,122	3,430	3,553	3,662	3,296	33	30	9,984	10,002
Indiana	2,154	2,378	1,761	1,809	3,529	3,421	2	1	7,446	7,609
Michigan	2,422	2,520	2,785	2,798	2,267	2,340	0	1	7,473	7,658
Ohio	3,431	3,688	3,971	3,662	4,190	4,194	2	2	11,594	11,547
Wisconsin	1,646	1,674	1,806	1,812	1,838	1,855	0	0	5,291	5,341
West North Central	7,362	7,613	8,662	8,480	8,247	8,174	3	3	24,273	24,270
Iowa	1,027	1,008	1,012	997	2,328	2,192	0	0	4,367	4,197
Kansas	867	896	1,212	1,204	930	954	0	0	3,008	3,053
Minnesota	1,714	1,708	1,783	1,749	1,617	1,711	1	1	5,115	5,170
Missouri	2,276	2,429	2,208	2,265	1,019	1,029	2	2	5,505	5,725
Nebraska	669	727	1,018	873	928	936	0	0	2,614	2,537
North Dakota	428	449	1,026	997	1,151	1,079	0	0	2,606	2,526
South Dakota	381	395	403	395	274	272	0	0	1,057	1,062
South Atlantic	26,064	26,382	26,471	26,642	11,156	10,997	94	102	63,784	64,124
Delaware	304	310	299	297	161	155	0	0	764	762
District of Columbia	148	162	503	557	15	17	23	28	688	765
Florida	9,691	9,108	7,849	7,430	1,372	1,401	5	6	18,917	17,945
Georgia	4,014	4,019	3,782	3,921	2,716	2,636	11	11	10,523	10,587
Maryland	1,855	2,031	2,015	2,110	273	275	33	37	4,176	4,453
North Carolina	4,165	4,380	4,022	3,998	1,857	2,110	1	1	10,045	10,489
South Carolina	2,024	2,141	1,847	1,725	2,284	1,953	0	0	6,155	5,819
Virginia	3,099	3,379	5,572	6,031	1,271	1,220	21	20	9,962	10,649
West Virginia	765	851	582	573	1,207	1,230	0	0	2,554	2,655
East South Central	7,573	7,828	6,998	6,960	7,928	7,846	0	0	22,498	22,634
Alabama	2,100	2,127	1,744	1,658	2,559	2,532	0	0	6,404	6,317
Kentucky	1,682	1,775	1,444	1,518	2,147	2,233	0	0	5,272	5,526
Mississippi	1,220	1,165	1,127	1,076	1,298	1,275	0	0	3,645	3,516
Tennessee	2,572	2,761	2,683	2,707	1,923	1,807	0	0	7,178	7,275
West South Central	15,014	14,726	17,213	17,203	20,074	19,640	2	19	52,303	51,588
Arkansas	1,124	1,159	895	876	1,589	1,542	0	0	3,608	3,577
Louisiana	2,043	1,938	1,885	1,766	3,817	3,156	1	1	7,747	6,861
Oklahoma	1,399	1,480	1,945	1,778	1,849	1,765	0	0	5,193	5,023
Texas	10,447	10,148	12,488	12,782	12,819	13,178	1	18	35,755	36,126
Mountain	7,287	7,153	8,396	8,013	6,967	6,647	13	13	22,662	21,826
Arizona	2,077	2,116	2,576	2,406	1,163	1,135	1	1	5,817	5,659
Colorado	1,573	1,403	1,630	1,541	1,229	1,146	7	7	4,440	4,097
Idaho	826	821	556	554	566	516	0	0	1,949	1,891
Montana	438	460	402	393	365	393	0	0	1,206	1,246
Nevada	794	805	938	927	995	1,017	1	1	2,727	2,749
New Mexico	527	503	738	698	1,211	967	0	0	2,476	2,168
Utah	810	807	1,127	1,050	710	717	4	5	2,651	2,579
Wyoming	242	239	428	445	727	755	0	0	1,397	1,438
Pacific Contiguous	10,702	11,250	12,663	13,046	6,376	6,325	64	67	29,804	30,689
California	5,825	6,217	8,818	8,737	3,411	3,467	58	59	18,111	18,479
Oregon	1,715	1,721	1,451	1,869	1,368	1,206	2	2	4,536	4,798
Washington	3,162	3,313	2,393	2,440	1,597	1,652	4	6	7,156	7,411
Pacific Noncontiguous	423	413	460	456	405	403	0	0	1,287	1,271
Alaska	188	180	224	216	112	112	0	0	523	509
Hawaii	235	233	236	239	293	291	0	0	764	763
U.S. Total	99,393	101,907	109,262	109,756	83,405	82,036	554	549	292,614	294,248

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 for 2023 are final. Values for 2024 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 November 2024 and 2023 (Thousand Megawatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	43,734	42,597	44,466	45,352	13,324	13,772	457	440	101,982	102,161
Connecticut	11,692	11,393	10,615	10,451	2,373	2,391	176	161	24,856	24,397
Maine	4,483	4,498	3,777	3,705	2,089	2,224	0	0	10,348	10,426
Massachusetts	18,330	17,760	21,188	22,358	5,225	5,623	264	255	45,008	45,995
New Hampshire	4,354	4,223	3,666	3,720	1,904	1,782	0	0	9,925	9,724
Rhode Island	2,887	2,757	3,442	3,374	569	579	18	24	6,916	6,734
Vermont	1,988	1,966	1,778	1,745	1,164	1,174	0	0	4,930	4,885
Middle Atlantic	123,318	119,353	132,745	131,525	65,250	65,803	3,417	3,234	324,729	319,915
New Jersey	27,461	26,127	33,285	33,171	5,681	5,760	424	345	66,851	65,404
New York	46,673	45,819	64,647	65,554	14,535	14,016	2,534	2,481	128,390	127,869
Pennsylvania	49,183	47,407	34,813	32,800	45,033	46,027	459	409	129,488	126,642
East North Central	170,219	164,014	165,539	160,511	172,161	169,772	459	425	508,377	494,723
Illinois	41,517	39,715	41,655	41,866	38,726	37,839	408	382	122,307	119,801
Indiana	30,284	29,006	21,401	21,234	39,275	37,937	16	10	90,976	88,187
Michigan	30,593	29,699	34,500	33,578	25,788	26,267	5	5	90,886	89,549
Ohio	47,717	45,347	46,319	42,500	47,022	46,457	28	27	141,087	134,331
Wisconsin	20,107	20,248	21,663	21,332	21,350	21,272	1	1	63,121	62,854
West North Central	97,915	98,063	99,977	98,469	93,196	91,037	37	39	291,125	287,607
Iowa	13,339	13,245	11,617	11,532	25,222	24,957	0	0	50,178	49,734
Kansas	12,981	12,784	14,928	14,542	10,510	10,597	0	0	38,418	37,923
Minnesota	20,573	20,986	20,654	20,759	18,389	18,833	14	17	59,629	60,594
Missouri	32,599	31,992	27,030	26,866	11,970	11,807	23	22	71,621	70,687
Nebraska	9,427	9,714	10,634	10,346	11,743	10,724	0	0	31,804	30,783
North Dakota	4,370	4,567	10,491	9,807	12,338	11,157	0	0	27,199	25,532
South Dakota	4,627	4,775	4,623	4,617	3,025	2,961	0	0	12,276	12,354
South Atlantic	353,753	339,895	316,180	314,288	128,091	125,900	1,135	1,081	799,159	781,164
Delaware	4,677	4,503	3,877	3,818	1,739	1,851	0	0	10,293	10,172
District of Columbia	2,211	2,185	6,513	6,482	166	161	286	280	9,175	9,108
Florida	127,828	126,698	92,809	90,057	16,023	16,351	65	66	236,725	233,170
Georgia	57,278	53,444	45,858	47,389	30,773	29,543	139	131	134,048	130,506
Maryland	24,649	23,677	25,093	24,882	3,171	3,171	374	375	53,288	52,106
North Carolina	56,421	53,205	46,479	44,466	23,876	24,413	11	12	126,788	122,096
South Carolina	30,055	28,163	24,099	22,979	23,577	23,079	0	0	77,731	74,221
Virginia	41,154	38,903	64,608	67,642	15,373	13,930	260	217	121,396	120,692
West Virginia	9,480	9,119	6,843	6,573	13,392	13,402	0	0	29,715	29,094
East South Central	113,086	106,137	86,391	83,938	89,200	88,974	0	0	288,678	279,050
Alabama	30,430	28,748	21,508	20,542	29,190	28,662	0	0	81,128	77,952
Kentucky	24,314	22,348	17,927	17,805	24,466	25,128	0	0	66,708	65,281
Mississippi	17,882	17,158	13,853	13,204	14,661	14,376	0	0	46,396	44,739
Tennessee	40,459	37,883	33,104	32,387	20,883	20,808	0	0	94,446	91,078
West South Central	221,595	225,913	203,962	207,780	222,459	219,110	20	165	648,035	652,968
Arkansas	17,411	16,885	11,064	10,830	18,065	17,057	0	0	46,539	44,772
Louisiana	29,220	29,549	22,303	22,043	39,360	36,699	9	10	90,892	88,300
Oklahoma	22,654	21,940	22,955	21,320	21,005	20,234	0	0	66,614	63,493
Texas	152,309	157,539	147,640	153,587	144,029	145,121	11	156	443,989	456,403
Mountain	105,189	101,186	101,074	96,872	81,841	77,376	144	148	288,249	275,582
Arizona	37,973	36,577	32,643	30,219	13,104	13,130	10	9	83,729	79,936
Colorado	19,447	18,273	19,308	18,952	14,255	13,549	79	82	53,088	50,856
Idaho	8,700	8,785	6,331	6,245	8,937	8,501	0	0	23,968	23,531
Montana	5,153	5,175	4,646	4,616	4,405	4,278	0	0	14,204	14,068
Nevada	13,732	12,607	11,950	11,424	12,071	11,373	7	7	37,760	35,410
New Mexico	6,838	6,735	8,820	8,626	12,493	10,652	0	0	28,152	26,013
Utah	10,664	10,378	12,871	12,217	7,989	7,900	49	50	31,573	30,545
Wyoming	2,682	2,656	4,506	4,573	8,587	7,993	0	0	15,775	15,222
Pacific Contiguous	131,340	129,658	148,992	152,924	74,062	71,457	751	770	355,145	354,810
California	79,169	76,275	105,681	104,112	39,689	39,760	656	674	225,195	220,820
Oregon	17,725	18,435	16,081	21,103	15,401	13,253	20	21	49,227	52,812
Washington	34,446	34,949	27,229	27,709	18,972	18,444	76	75	80,723	81,177
Pacific Noncontiguous	4,306	4,292	4,929	4,938	4,437	4,403	0	0	13,672	13,632
Alaska	1,866	1,839	2,387	2,365	1,272	1,253	0	0	5,524	5,457
Hawaii	2,440	2,453	2,543	2,573	3,165	3,150	0	0	8,148	8,176
U.S. Total	1,364,454	1,331,108	1,304,256	1,296,597	944,021	927,604	6,421	6,302	3,619,151	3,561,612

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

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

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

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

Source: U.S. Energy Information Administration, Form EIA-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, November 2024 and 2023 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	976	970	791	745	196	190	6	4	1,968	1,910
Connecticut	263	263	201	172	37	32	4	2	505	470
Maine	84	112	56	60	23	24	0	0	164	195
Massachusetts	442	399	378	368	87	89	2	1	909	858
New Hampshire	85	91	64	63	26	25	0	0	175	178
Rhode Island	62	66	62	54	11	9	0	0	135	130
Vermont	40	39	29	28	12	12	0	0	81	79
Middle Atlantic	1,891	1,902	1,668	1,770	467	443	39	40	4,066	4,155
New Jersey	367	341	372	374	56	57	4	4	800	776
New York	845	825	960	1,078	112	88	32	34	1,949	2,025
Pennsylvania	680	736	335	319	299	298	3	2	1,317	1,354
East North Central	2,143	2,165	1,647	1,627	1,262	1,176	3	2	5,055	4,970
Illinois	492	489	396	391	338	270	3	2	1,229	1,152
Indiana	352	348	227	220	284	264	0	0	863	832
Michigan	453	468	369	381	185	199	0	0	1,007	1,049
Ohio	568	577	434	407	312	286	0	0	1,314	1,271
Wisconsin	278	282	220	228	143	157	0	0	642	667
West North Central	990	965	850	824	606	595	0	0	2,447	2,385
Iowa	136	130	103	96	147	135	0	0	386	362
Kansas	129	117	136	125	75	69	0	0	340	311
Minnesota	255	248	203	207	138	147	0	0	596	603
Missouri	289	291	209	210	74	75	0	0	573	576
Nebraska	82	82	85	75	66	68	0	0	233	225
North Dakota	48	48	71	71	82	79	0	0	201	198
South Dakota	51	48	43	40	23	21	0	0	118	110
South Atlantic	3,918	3,837	2,903	2,863	837	818	9	10	7,667	7,528
Delaware	55	53	37	36	13	12	0	0	105	102
District of Columbia	28	28	86	92	2	2	2	3	118	124
Florida	1,383	1,400	865	889	116	127	1	1	2,365	2,417
Georgia	574	529	445	423	174	174	1	1	1,193	1,127
Maryland	342	353	264	262	28	28	4	4	638	648
North Carolina	629	586	437	381	146	148	0	0	1,212	1,116
South Carolina	323	295	211	184	156	124	0	0	689	602
Virginia	463	471	484	529	107	108	2	2	1,056	1,110
West Virginia	121	123	73	67	97	94	0	0	291	283
East South Central	1,085	1,059	892	836	537	526	0	0	2,514	2,421
Alabama	325	318	240	224	185	189	0	0	750	732
Kentucky	232	236	175	162	143	142	0	0	549	541
Mississippi	174	157	143	130	89	85	0	0	405	373
Tennessee	354	348	335	319	121	109	0	0	810	776
West South Central	2,198	2,041	1,537	1,522	1,203	1,189	0	1	4,938	4,753
Arkansas	142	143	91	90	107	101	0	0	339	334
Louisiana	243	222	196	187	193	181	0	0	632	590
Oklahoma	183	176	161	159	102	107	0	0	446	442
Texas	1,630	1,501	1,090	1,086	801	800	0	1	3,521	3,388
Mountain	1,021	990	906	862	498	501	1	2	2,425	2,356
Arizona	315	308	305	279	89	91	0	0	710	679
Colorado	240	205	195	177	105	97	1	1	541	480
Idaho	94	94	50	50	40	34	0	0	184	178
Montana	55	58	46	48	25	30	0	0	126	136
Nevada	121	138	94	105	65	89	0	0	280	332
New Mexico	76	71	78	76	70	59	0	0	224	206
Utah	88	89	95	88	43	47	1	1	227	225
Wyoming	31	28	41	39	61	55	0	0	134	122
Pacific Contiguous	2,550	2,427	2,027	2,455	856	828	11	9	5,444	5,718
California	1,904	1,836	1,603	2,020	653	635	10	8	4,169	4,500
Oregon	255	224	164	189	102	89	0	0	522	501
Washington	392	367	260	246	101	104	1	1	754	717
Pacific Noncontiguous	139	145	133	141	115	128	0	0	387	414
Alaska	46	44	47	45	23	23	0	0	116	111
Hawaii	93	101	85	96	92	106	0	0	271	303
U.S. Total	16,911	16,501	13,353	13,646	6,578	6,394	69	69	36,912	36,610

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

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	12,035	12,287	9,090	8,801	2,173	2,172	60	57	23,358	23,318
Connecticut	3,367	3,439	2,244	2,092	401	374	32	35	6,043	5,941
Maine	1,062	1,231	681	659	270	271	0	0	2,013	2,161
Massachusetts	5,333	5,269	4,402	4,385	946	1,006	24	18	10,705	10,679
New Hampshire	1,019	1,204	716	762	307	280	0	0	2,041	2,245
Rhode Island	816	736	713	590	115	109	4	4	1,647	1,439
Vermont	439	409	335	313	135	131	0	0	908	853
Middle Atlantic	25,480	23,424	20,957	20,244	5,479	5,210	461	476	52,377	49,355
New Jersey	5,323	4,629	4,925	4,657	681	671	46	42	10,975	9,999
New York	11,401	10,185	12,199	11,888	1,300	969	369	392	25,269	23,434
Pennsylvania	8,756	8,610	3,832	3,700	3,499	3,570	46	42	16,133	15,921
East North Central	28,193	26,602	20,207	19,202	13,973	13,519	36	30	62,409	59,353
Illinois	6,641	6,269	4,996	4,727	3,482	3,107	31	26	15,150	14,129
Indiana	4,513	4,343	2,695	2,666	3,149	3,139	2	1	10,359	10,150
Michigan	5,892	5,600	4,807	4,504	2,145	2,139	1	1	12,844	12,244
Ohio	7,678	6,967	4,976	4,578	3,372	3,280	2	2	16,028	14,826
Wisconsin	3,469	3,423	2,733	2,728	1,825	1,853	0	0	8,027	8,004
West North Central	13,388	12,857	10,461	10,232	7,256	7,128	4	4	31,109	30,221
Iowa	1,814	1,781	1,207	1,203	1,748	1,745	0	0	4,769	4,729
Kansas	1,859	1,718	1,708	1,585	846	814	0	0	4,413	4,117
Minnesota	3,174	3,105	2,530	2,590	1,687	1,747	2	2	7,393	7,443
Missouri	4,310	4,061	2,813	2,747	954	939	2	2	8,079	7,749
Nebraska	1,119	1,095	951	908	884	821	0	0	2,954	2,824
North Dakota	508	507	765	730	882	824	0	0	2,155	2,060
South Dakota	603	591	488	470	254	238	0	0	1,346	1,298
South Atlantic	51,784	49,211	34,669	34,019	9,997	9,558	114	111	96,565	92,899
Delaware	769	706	469	450	141	146	0	0	1,379	1,301
District of Columbia	389	357	1,105	1,095	19	17	28	28	1,541	1,496
Florida	18,115	19,267	10,194	10,754	1,383	1,540	7	7	29,698	31,570
Georgia	8,136	7,365	5,390	5,070	2,243	2,048	11	10	15,779	14,492
Maryland	4,398	3,909	3,239	3,177	324	315	43	42	8,005	7,442
North Carolina	8,153	6,875	4,956	4,273	1,873	1,730	1	1	14,983	12,880
South Carolina	4,367	3,865	2,593	2,404	1,637	1,542	0	0	8,597	7,811
Virginia	6,019	5,578	5,916	6,071	1,332	1,247	24	23	13,292	12,919
West Virginia	1,439	1,289	808	726	1,045	972	0	0	3,292	2,987
East South Central	15,210	13,944	10,711	10,182	6,052	5,997	0	0	31,972	30,123
Alabama	4,598	4,217	2,916	2,702	2,114	2,044	0	0	9,628	8,964
Kentucky	3,112	2,834	2,100	2,023	1,614	1,651	0	0	6,827	6,509
Mississippi	2,407	2,272	1,685	1,633	1,004	1,001	0	0	5,096	4,906
Tennessee	5,092	4,622	4,009	3,823	1,320	1,300	0	0	10,421	9,745
West South Central	30,947	30,942	18,474	19,016	13,492	14,303	2	12	62,915	64,273
Arkansas	2,135	2,079	1,131	1,122	1,183	1,179	0	0	4,449	4,380
Louisiana	3,391	3,420	2,289	2,299	2,209	2,159	1	1	7,890	7,879
Oklahoma	2,829	2,675	2,066	2,006	1,232	1,275	0	0	6,128	5,956
Texas	22,592	22,768	12,988	13,590	8,868	9,689	0	11	44,449	46,058
Mountain	14,895	13,864	11,218	10,643	6,329	6,112	15	19	32,458	30,638
Arizona	5,672	5,118	4,035	3,567	1,046	1,067	1	1	10,753	9,753
Colorado	2,937	2,615	2,321	2,218	1,271	1,156	8	11	6,536	5,999
Idaho	1,015	966	588	548	696	615	0	0	2,298	2,129
Montana	658	649	553	559	336	337	0	0	1,547	1,545
Nevada	2,062	2,111	1,235	1,369	1,042	1,200	1	1	4,340	4,681
New Mexico	999	935	960	926	708	617	0	0	2,667	2,478
Utah	1,216	1,165	1,101	1,046	552	556	6	6	2,876	2,774
Wyoming	336	305	425	411	678	564	0	0	1,440	1,279
Pacific Contiguous	31,983	28,722	31,614	29,854	11,085	9,606	121	98	74,803	68,279
California	25,271	22,534	26,892	25,007	8,716	7,432	110	88	60,989	55,061
Oregon	2,602	2,350	1,834	2,099	1,158	999	3	2	5,596	5,450
Washington	4,110	3,838	2,888	2,748	1,211	1,175	9	8	8,218	7,768
Pacific Noncontiguous	1,509	1,481	1,507	1,497	1,332	1,343	0	0	4,349	4,320
Alaska	466	439	519	493	248	232	0	0	1,233	1,164
Hawaii	1,043	1,042	988	1,004	1,084	1,111	0	0	3,116	3,157
U.S. Total	225,425	213,334	168,909	163,689	77,169	74,948	813	807	472,315	452,779

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, November 2024 and 2023 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	28.68	27.47	21.17	19.18	16.64	15.75	14.47	10.68	23.56	22.05
Connecticut	29.15	26.98	22.81	19.37	17.75	15.22	21.25	16.00	25.13	22.48
Maine	26.30	28.46	18.73	18.13	12.77	12.96	--	--	20.39	21.56
Massachusetts	30.28	28.41	20.90	19.29	18.05	17.67	9.42	6.60	24.10	22.34
New Hampshire	24.39	25.58	19.44	19.38	16.31	15.95	--	--	20.91	21.39
Rhode Island	28.71	29.78	22.97	19.27	22.74	18.54	--	16.52	25.28	23.40
Vermont	25.35	21.57	20.20	18.47	12.31	10.98	--	--	20.24	17.95
Middle Atlantic	20.90	19.76	15.28	15.47	8.36	7.78	12.70	14.82	15.72	15.37
New Jersey	19.64	17.47	14.74	13.64	11.98	10.71	10.94	11.59	16.31	14.75
New York	24.69	22.85	17.72	18.34	8.99	6.66	13.46	15.78	18.88	18.37
Pennsylvania	18.07	18.11	11.30	11.29	7.72	7.75	8.97	10.08	12.38	12.60
East North Central	17.13	16.18	11.97	11.94	8.15	7.78	8.24	5.94	12.10	11.79
Illinois	17.21	15.65	11.54	11.01	9.24	8.19	7.86	5.53	12.31	11.51
Indiana	16.33	14.64	12.91	12.16	8.03	7.71	15.06	12.18	11.59	10.93
Michigan	18.71	18.59	13.27	13.62	8.15	8.52	16.38	14.35	13.48	13.70
Ohio	16.56	15.65	10.93	11.12	7.45	6.83	8.12	6.15	11.34	11.01
Wisconsin	16.90	16.85	12.19	12.58	7.80	8.45	17.00	15.74	12.13	12.49
West North Central	13.45	12.67	9.82	9.72	7.35	7.28	9.57	10.47	10.08	9.82
Iowa	13.28	12.91	10.16	9.66	6.31	6.18	--	--	8.84	8.62
Kansas	14.83	13.04	11.25	10.35	8.12	7.26	--	--	11.31	10.17
Minnesota	14.86	14.52	11.39	11.83	8.50	8.61	11.11	12.34	11.64	11.66
Missouri	12.70	11.98	9.48	9.29	7.30	7.24	8.71	8.97	10.41	10.07
Nebraska	12.25	11.26	8.30	8.62	7.16	7.26	--	--	8.91	8.87
North Dakota	11.31	10.77	6.90	7.10	7.09	7.34	--	--	7.71	7.86
South Dakota	13.46	12.21	10.78	10.13	8.52	7.87	--	--	11.16	10.33
South Atlantic	15.03	14.54	10.97	10.74	7.51	7.44	10.10	10.21	12.02	11.74
Delaware	18.10	17.22	12.52	12.26	7.97	8.00	--	--	13.79	13.41
District of Columbia	18.93	16.99	17.06	16.43	13.05	10.33	9.90	9.77	17.13	16.17
Florida	14.27	15.37	11.03	11.96	8.47	9.08	10.91	11.38	12.50	13.47
Georgia	14.31	13.16	11.76	10.79	6.39	6.61	5.84	6.23	11.34	10.64
Maryland	18.42	17.38	13.11	12.42	10.24	10.26	11.92	11.71	15.27	14.54
North Carolina	15.11	13.39	10.86	9.53	7.84	7.02	11.12	9.27	12.06	10.64
South Carolina	15.94	13.76	11.43	10.66	6.82	6.34	--	--	11.20	10.35
Virginia	14.94	13.93	8.69	8.77	8.40	8.88	9.48	9.97	10.60	10.42
West Virginia	15.87	14.42	12.61	11.65	8.02	7.63	--	--	11.41	10.68
East South Central	14.32	13.53	12.75	12.01	6.78	6.70	--	--	11.17	10.70
Alabama	15.48	14.98	13.74	13.53	7.23	7.47	--	--	11.71	11.59
Kentucky	13.77	13.29	12.10	10.70	6.66	6.37	--	--	10.42	9.78
Mississippi	14.26	13.50	12.67	12.12	6.83	6.66	--	--	11.12	10.60
Tennessee	13.77	12.60	12.48	11.77	6.28	6.06	--	--	11.28	10.67
West South Central	14.64	13.86	8.93	8.85	5.99	6.05	6.92	7.77	9.44	9.21
Arkansas	12.60	12.31	10.12	10.24	6.71	6.57	13.38	15.97	9.39	9.33
Louisiana	11.87	11.45	10.42	10.60	5.05	5.73	11.05	11.23	8.16	8.60
Oklahoma	13.11	11.88	8.26	8.95	5.52	6.04	--	--	8.59	8.79
Texas	15.60	14.79	8.73	8.49	6.25	6.07	3.86	7.60	9.85	9.38
Mountain	14.01	13.85	10.79	10.76	7.14	7.54	10.03	12.57	10.70	10.79
Arizona	15.17	14.55	11.85	11.61	7.66	8.05	10.06	9.68	12.20	11.99
Colorado	15.26	14.58	11.99	11.51	8.54	8.44	8.75	13.16	12.19	11.71
Idaho	11.34	11.48	9.08	8.96	6.98	6.53	--	--	9.43	9.39
Montana	12.54	12.58	11.53	12.19	6.77	7.60	--	--	10.45	10.88
Nevada	15.27	17.11	10.00	11.31	6.50	8.75	9.10	12.21	10.26	12.06
New Mexico	14.47	14.20	10.60	10.91	5.76	6.07	--	--	9.06	9.51
Utah	10.91	11.05	8.39	8.39	6.13	6.60	12.14	12.16	8.56	8.73
Wyoming	12.78	11.59	9.68	8.85	8.44	7.22	--	--	9.57	8.45
Pacific Contiguous	23.83	21.57	16.01	18.82	13.43	13.08	16.94	13.17	18.27	18.63
California	32.68	29.54	18.18	23.12	19.15	18.33	16.82	13.56	23.02	24.35
Oregon	14.84	12.99	11.33	10.10	7.48	7.34	12.80	11.51	11.50	10.44
Washington	12.39	11.07	10.87	10.08	6.30	6.27	20.35	10.02	10.53	9.68
Pacific Noncontiguous	33.00	35.06	28.86	30.99	28.44	31.87	--	--	30.09	32.59
Alaska	24.70	24.13	21.16	20.71	20.42	20.37	--	--	22.28	21.85
Hawaii	39.62	43.53	36.15	40.30	31.50	36.28	--	--	35.43	39.75
U.S. Total	17.01	16.19	12.22	12.43	7.89	7.79	12.48	12.60	12.61	12.44

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 for 2023 are final. Values for 2024 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 November 2024 and 2023 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD	November 2024 YTD	November 2023 YTD
New England	27.52	28.85	20.44	19.41	16.31	15.77	13.01	13.04	22.90	22.82
Connecticut	28.80	30.19	21.14	20.02	16.89	15.65	17.98	21.76	24.31	24.35
Maine	23.69	27.37	18.03	17.78	12.93	12.19	--	--	19.45	20.73
Massachusetts	29.09	29.67	20.77	19.61	18.10	17.90	9.15	7.17	23.78	23.22
New Hampshire	23.39	28.50	19.53	20.48	16.12	15.71	--	--	20.57	23.09
Rhode Island	28.27	26.68	20.70	17.48	20.17	18.91	21.03	16.91	23.82	21.37
Vermont	22.06	20.79	18.81	17.95	11.63	11.20	--	--	18.43	17.47
Middle Atlantic	20.66	19.63	15.79	15.39	8.40	7.92	13.49	14.73	16.13	15.43
New Jersey	19.38	17.72	14.80	14.04	11.99	11.66	10.88	12.27	16.42	15.29
New York	24.43	22.23	18.87	18.13	8.94	6.91	14.55	15.82	19.68	18.33
Pennsylvania	17.80	18.16	11.01	11.28	7.77	7.76	10.09	10.18	12.46	12.57
East North Central	16.56	16.22	12.21	11.96	8.12	7.96	7.91	7.05	12.28	12.00
Illinois	16.00	15.79	11.99	11.29	8.99	8.21	7.70	6.87	12.39	11.79
Indiana	14.90	14.97	12.59	12.56	8.02	8.28	12.16	12.85	11.39	11.51
Michigan	19.26	18.86	13.93	13.41	8.32	8.14	14.26	13.67	14.13	13.67
Ohio	16.09	15.36	10.74	10.77	7.17	7.06	7.09	5.88	11.36	11.04
Wisconsin	17.25	16.90	12.62	12.79	8.55	8.71	18.23	17.18	12.72	12.73
West North Central	13.67	13.11	10.46	10.39	7.79	7.83	11.16	10.99	10.69	10.51
Iowa	13.60	13.44	10.39	10.43	6.93	6.99	--	--	9.50	9.51
Kansas	14.32	13.44	11.44	10.90	8.05	7.68	--	--	11.49	10.85
Minnesota	15.43	14.80	12.25	12.47	9.18	9.27	12.95	12.52	12.40	12.28
Missouri	13.22	12.69	10.41	10.22	7.97	7.95	10.10	9.85	11.28	10.96
Nebraska	11.87	11.27	8.94	8.78	7.53	7.66	--	--	9.29	9.18
North Dakota	11.63	11.09	7.29	7.44	7.15	7.39	--	--	7.92	8.07
South Dakota	13.04	12.38	10.56	10.17	8.40	8.02	--	--	10.96	10.51
South Atlantic	14.64	14.48	10.96	10.82	7.80	7.59	10.04	10.23	12.08	11.89
Delaware	16.44	15.68	12.09	11.78	8.12	7.87	--	--	13.39	12.79
District of Columbia	17.60	16.33	16.97	16.89	11.30	10.84	9.72	9.89	16.79	16.43
Florida	14.17	15.21	10.98	11.94	8.63	9.42	10.87	11.33	12.55	13.54
Georgia	14.20	13.78	11.75	10.70	7.29	6.93	7.77	7.40	11.77	11.10
Maryland	17.84	16.51	12.91	12.77	10.22	9.92	11.54	11.18	15.02	14.28
North Carolina	14.45	12.92	10.66	9.61	7.85	7.09	10.19	8.83	11.82	10.55
South Carolina	14.53	13.72	10.76	10.46	6.94	6.68	--	--	11.06	10.52
Virginia	14.63	14.34	9.16	8.98	8.67	8.95	9.26	10.46	10.95	10.70
West Virginia	15.18	14.14	11.81	11.04	7.80	7.25	--	--	11.08	10.27
East South Central	13.45	13.14	12.40	12.13	6.78	6.74	--	--	11.08	10.79
Alabama	15.11	14.67	13.56	13.15	7.24	7.13	--	--	11.87	11.50
Kentucky	12.80	12.68	11.71	11.36	6.60	6.57	--	--	10.23	9.97
Mississippi	13.46	13.24	12.16	12.36	6.85	6.96	--	--	10.98	10.96
Tennessee	12.59	12.20	12.11	11.81	6.32	6.25	--	--	11.03	10.70
West South Central	13.97	13.70	9.06	9.15	6.06	6.53	7.81	7.39	9.71	9.84
Arkansas	12.26	12.31	10.22	10.36	6.55	6.91	13.36	14.90	9.56	9.78
Louisiana	11.60	11.57	10.26	10.43	5.61	5.88	11.58	10.99	8.68	8.92
Oklahoma	12.49	12.19	9.00	9.41	5.87	6.30	--	--	9.20	9.38
Texas	14.83	14.45	8.80	8.85	6.16	6.68	4.39	7.16	10.01	10.09
Mountain	14.16	13.70	11.10	10.99	7.73	7.90	10.56	12.74	11.26	11.12
Arizona	14.94	13.99	12.36	11.80	7.98	8.13	11.01	10.04	12.84	12.20
Colorado	15.10	14.31	12.02	11.70	8.91	8.53	9.56	13.31	12.31	11.80
Idaho	11.66	11.00	9.28	8.77	7.79	7.23	--	--	9.59	9.05
Montana	12.77	12.53	11.90	12.11	7.62	7.87	--	--	10.89	10.98
Nevada	15.01	16.75	10.34	11.98	8.63	10.55	10.80	12.81	11.49	13.22
New Mexico	14.61	13.89	10.89	10.73	5.67	5.80	--	--	9.48	9.53
Utah	11.40	11.23	8.56	8.56	6.91	7.04	12.06	12.30	9.11	9.08
Wyoming	12.54	11.48	9.44	8.98	7.90	7.06	--	--	9.13	8.41
Pacific Contiguous	24.35	22.15	21.22	19.52	14.97	13.44	16.11	12.68	21.06	19.24
California	31.92	29.54	25.45	24.02	21.96	18.69	16.77	13.00	27.08	24.93
Oregon	14.68	12.75	11.41	9.95	7.52	7.54	12.56	11.38	11.37	10.32
Washington	11.93	10.98	10.61	9.92	6.38	6.37	11.35	10.18	10.18	9.57
Pacific Noncontiguous	35.05	34.50	30.58	30.32	30.02	30.50	--	--	31.81	31.69
Alaska	24.98	23.86	21.75	20.84	19.49	18.52	--	--	22.32	21.33
Hawaii	42.76	42.47	38.87	39.03	34.25	35.27	--	--	38.24	38.61
U.S. Total	16.52	16.03	12.95	12.62	8.17	8.08	12.66	12.81	13.05	12.71

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 for 2023 are final. Values for 2024 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 - November 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	141,282,713	19,381,328	1,078,249	85	161,742,375
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	140,646,331	19,343,850	1,053,923	84	161,044,188
February	140,083,946	19,245,625	1,045,447	83	160,375,101
March	141,448,955	19,426,825	1,061,218	84	161,937,082
April	140,336,362	19,204,427	1,061,387	85	160,602,261
May	141,289,078	19,408,729	1,089,609	84	161,787,500
June	141,443,788	19,424,587	1,098,252	85	161,966,712
July	141,202,351	19,387,713	1,090,923	85	161,681,072
August	142,091,093	19,492,504	1,110,030	85	162,693,712
Sept	141,394,603	19,394,681	1,093,078	85	161,882,447
October	141,873,678	19,445,650	1,082,521	85	162,401,934
November	141,638,998	19,389,685	1,069,020	85	162,097,788
December	141,942,234	19,410,068	1,083,495	85	162,435,882
Year 2024					
January	142,098,692	19,407,087	1,087,100	82	162,592,961
February	141,551,825	19,349,570	1,075,582	82	161,977,059
March	142,042,096	19,402,648	1,080,094	82	162,524,920
April	142,265,757	19,417,052	1,096,747	82	162,779,638
May	142,561,792	19,467,122	1,112,158	82	163,141,154
June	142,241,643	19,402,311	1,113,151	83	162,757,188
July	143,052,031	19,507,538	1,139,158	83	163,698,810
August	143,087,335	19,411,740	1,145,127	83	163,644,285
Sept	142,647,039	19,359,632	1,130,209	82	163,136,962
October	143,641,031	19,498,554	1,122,412	82	164,262,079
November	142,703,116	19,337,816	1,102,135	82	163,143,149
Rolling 12 Months Ending in November					
2023	141,184,100	19,375,675	1,076,698	84	161,636,558
2024	142,486,216	19,414,262	1,107,281	83	163,007,841

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 2023 and prior years are final. Values for 2024 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:
November 2024 and 2023

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	6,667,642	6,609,992	904,772	955,114	20,915	21,446	5	6	7,593,334	7,586,558
Connecticut	1,558,779	1,543,776	157,256	156,891	3,866	3,932	3	3	1,719,904	1,704,602
Maine	704,094	739,207	105,567	109,871	1,835	1,987	0	0	811,496	851,065
Massachusetts	2,953,201	2,899,569	422,578	453,497	10,138	10,573	2	2	3,385,919	3,363,641
New Hampshire	653,074	647,490	112,319	111,291	3,121	3,121	0	0	768,514	761,902
Rhode Island	476,688	456,946	43,352	60,662	1,723	1,573	0	1	521,763	519,182
Vermont	321,806	323,004	63,700	62,902	232	260	0	0	385,738	386,166
Middle Atlantic	16,703,402	16,646,660	2,445,283	2,443,337	39,041	33,399	20	21	19,187,746	19,123,417
New Jersey	3,742,630	3,716,528	539,552	538,171	11,050	11,300	7	8	4,293,239	4,266,007
New York	7,429,034	7,404,622	1,167,139	1,168,146	16,366	7,038	8	8	8,612,547	8,579,814
Pennsylvania	5,531,738	5,525,510	738,592	737,020	11,625	15,061	5	5	6,281,960	6,277,596
East North Central	20,920,487	20,900,303	2,576,203	2,553,068	53,736	54,147	10	11	23,550,436	23,507,529
Illinois	5,361,942	5,414,681	632,412	626,519	5,487	5,531	3	4	5,999,844	6,046,735
Indiana	3,012,424	3,031,226	378,074	372,312	18,764	18,780	1	1	3,409,263	3,422,319
Michigan	4,562,351	4,501,539	566,918	560,951	5,559	5,513	2	2	5,134,830	5,068,005
Ohio	5,125,291	5,124,650	628,303	626,026	18,316	18,869	2	2	5,771,912	5,769,547
Wisconsin	2,858,479	2,828,207	370,496	367,260	5,610	5,454	2	2	3,234,587	3,200,923
West North Central	10,097,044	9,954,465	1,518,687	1,509,786	126,451	126,741	3	3	11,742,185	11,590,995
Iowa	1,476,101	1,441,411	251,920	251,194	8,339	9,177	0	0	1,736,360	1,701,782
Kansas	1,347,680	1,311,448	249,999	246,231	23,948	23,859	0	0	1,621,627	1,581,538
Minnesota	2,620,504	2,563,458	309,141	307,767	9,175	9,105	1	1	2,938,821	2,880,331
Missouri	2,893,678	2,914,140	386,887	389,623	9,244	9,829	2	2	3,289,811	3,313,594
Nebraska	918,894	897,950	163,937	160,515	61,971	60,084	0	0	1,144,802	1,118,549
North Dakota	399,938	396,270	78,073	76,872	9,501	10,540	0	0	487,512	483,682
South Dakota	440,249	429,788	78,730	77,584	4,273	4,147	0	0	523,252	511,519
South Atlantic	30,877,500	30,297,138	4,032,698	4,011,387	87,259	88,046	13	13	34,997,470	34,396,584
Delaware	471,880	467,499	60,462	60,094	749	878	0	0	533,091	528,471
District of Columbia	320,359	315,050	27,541	27,455	1	1	3	3	347,904	342,509
Florida	10,475,165	10,288,574	1,300,967	1,295,065	26,325	26,389	2	2	11,802,459	11,610,030
Georgia	4,863,961	4,737,792	617,925	611,546	23,650	24,090	1	1	5,505,537	5,373,429
Maryland	2,454,608	2,440,483	261,975	261,159	9,076	9,245	5	5	2,725,664	2,710,892
North Carolina	5,128,572	4,996,406	746,654	747,899	9,002	8,981	1	1	5,884,229	5,753,287
South Carolina	2,597,778	2,557,445	411,687	412,506	3,503	3,612	0	0	3,012,968	2,973,563
Virginia	3,699,393	3,628,293	453,314	444,225	4,027	3,772	1	1	4,156,735	4,076,291
West Virginia	865,784	865,596	152,173	151,438	10,926	11,078	0	0	1,028,883	1,028,112
East South Central	8,952,981	8,902,015	1,491,262	1,492,381	24,263	24,484	0	0	10,468,506	10,418,880
Alabama	2,415,482	2,366,129	386,622	384,735	7,176	7,225	0	0	2,809,280	2,758,089
Kentucky	2,047,599	2,065,629	328,045	325,169	5,345	5,110	0	0	2,380,989	2,395,908
Mississippi	1,379,783	1,340,626	244,836	246,634	10,749	11,133	0	0	1,635,368	1,598,393
Tennessee	3,110,117	3,129,631	531,759	535,843	993	1,016	0	0	3,642,869	3,666,490
West South Central	17,929,232	17,733,582	2,336,885	2,413,592	459,018	425,561	6	6	20,725,141	20,572,741
Arkansas	1,491,992	1,467,340	209,907	206,519	36,125	37,004	2	2	1,738,026	1,710,865
Louisiana	2,186,991	2,142,781	301,331	301,021	17,937	18,492	1	1	2,506,260	2,462,295
Oklahoma	1,905,143	1,866,450	306,387	305,583	18,291	19,678	0	0	2,229,821	2,191,711
Texas	12,345,106	12,257,011	1,519,260	1,600,469	386,665	350,387	3	3	14,251,034	14,207,870
Mountain	10,838,676	10,801,394	1,538,730	1,508,023	100,201	99,679	5	6	12,477,612	12,409,102
Arizona	3,127,837	3,096,203	346,941	344,969	6,957	7,532	2	2	3,481,737	3,448,706
Colorado	2,509,421	2,531,440	399,128	399,077	14,800	15,287	1	2	2,923,350	2,945,806
Idaho	872,370	854,302	124,081	122,311	29,520	29,190	0	0	1,025,971	1,005,803
Montana	563,368	553,390	140,814	116,634	11,966	11,373	0	0	716,148	681,397
Nevada	1,315,852	1,294,977	179,150	174,699	4,633	4,642	1	1	1,499,636	1,474,319
New Mexico	923,374	931,996	146,916	148,008	9,526	9,328	0	0	1,079,816	1,089,332
Utah	1,237,872	1,254,295	142,245	143,543	10,930	10,643	1	1	1,391,048	1,408,482
Wyoming	288,582	284,791	59,455	58,782	11,869	11,684	0	0	359,906	355,257
Pacific Contiguous	18,967,612	19,050,362	2,375,830	2,386,224	189,227	193,552	20	19	21,532,689	21,630,157
California	13,675,323	13,871,546	1,712,364	1,739,174	137,425	141,095	13	12	15,525,125	15,751,827
Oregon	1,879,967	1,851,168	251,012	245,002	25,269	26,186	2	2	2,156,250	2,122,358
Washington	3,412,322	3,327,648	412,454	402,048	26,533	26,271	5	5	3,851,314	3,755,972
Pacific Noncontiguous	748,540	743,087	117,466	116,773	2,024	1,965	0	0	868,030	861,825
Alaska	301,429	297,149	57,834	56,862	1,203	1,151	0	0	360,466	355,162
Hawaii	447,111	445,938	59,632	59,911	821	814	0	0	507,564	506,663
U.S. Total	142,703,116	141,638,998	19,337,816	19,389,685	1,102,135	1,069,020	82	85	163,143,149	162,097,788

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 for 2023 are final. Values for 2024 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), October 2024 to November 2024

		As of End of October 2024	Activity During November 2024 as Reported to EIA		As of End of November 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	
Technology	Capacity Source								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	151,003.2	0.0	1.0	151,002.2	-1.0	3,598.8	5,808.5	1,857.1	5,909.5	0.0	0.7	1,857.1	5,908.8	152,859.3	156,911.0
..... Offshore Wind (Summer Capacity)	Utility Scale Facilities	171.3	0.0	0.0	171.3	0.0	130.0	130.0	0.0	1,515.0	0.0	0.0	0.0	1,515.0	171.3	1,686.3
..... Wind (Summer Capacity)	Utility Scale Facilities	151,174.5	0.0	1.0	151,173.5	-1.0	3,728.8	5,938.5	1,857.1	7,424.5	0.0	0.7	1,857.1	7,423.8	153,030.6	158,597.3
..... Solar Photovoltaic	Utility Scale Facilities	111,135.7	4,796.8	2.0	115,930.5	4,794.8	25,402.8	32,543.2	8,000.2	29,054.8	0.0	0.0	8,000.2	29,054.8	123,930.7	144,985.3
..... Solar Thermal without Energy Storage	Utility Scale Facilities	986.4	0.0	0.0	986.4	0.0	-88.0	-88.0	0.0	0.0	0.0	0.0	0.0	0.0	986.4	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	112,527.7	4,796.8	2.0	117,322.5	4,794.8	25,314.8	32,455.2	8,000.2	29,054.8	0.0	0.0	8,000.2	29,054.8	125,322.7	146,377.3
..... Conventional Hydroelectric	Utility Scale Facilities	79,833.4	0.3	0.5	79,833.2	-0.2	-152.1	-146.2	26.2	51.5	0.0	0.5	26.2	51.0	79,859.4	79,884.2
..... Wood/Wood Waste Biomass	Utility Scale Facilities	7,693.1	0.0	0.0	7,693.1	0.0	0.0	0.0	40.0	63.0	0.0	0.0	40.0	63.0	7,733.1	7,756.1
..... Landfill Gas	Utility Scale Facilities	1,547.0	0.0	0.0	1,547.0	0.0	-19.8	-37.6	0.0	3.0	0.0	8.0	0.0	-5.0	1,547.0	1,542.0
..... Municipal Solid Waste	Utility Scale Facilities	1,904.5	0.0	0.0	1,904.5	0.0	-74.5	-74.5	0.0	0.0	0.0	0.0	0.0	0.0	1,904.5	1,904.5
..... Other Waste Biomass	Utility Scale Facilities	593.3	0.0	0.0	593.3	0.0	5.9	5.9	0.0	5.4	0.0	1.5	0.0	3.9	593.3	597.2
..... Biomass Sources Subtotal	Utility Scale Facilities	11,737.9	0.0	0.0	11,737.9	0.0	-88.4	-106.2	40.0	71.4	0.0	9.5	40.0	61.9	11,777.9	11,799.8
..... Geothermal	Utility Scale Facilities	2,715.8	0.0	0.0	2,715.8	0.0	20.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	2,715.8	2,715.8
... Renewable Sources Subtotal	Utility Scale Facilities	357,989.3	4,797.1	3.5	362,782.9	4,793.6	28,823.1	38,161.3	9,923.5	36,602.2	0.0	10.7	9,923.5	36,591.5	372,706.4	399,374.4
..... Natural Gas Fired Combined Cycle	Utility Scale Facilities	292,845.6	41.9	25.6	292,861.9	16.3	-1,408.1	-1,391.3	131.3	1,917.9	174.0	226.0	-42.7	1,691.9	292,819.2	294,553.8
..... Natural Gas Fired Combustion Turbine	Utility Scale Facilities	132,692.2	118.2	32.1	132,778.3	86.1	709.0	1,560.8	517.0	2,684.3	5.7	778.3	511.3	1,906.0	133,289.6	134,684.3
..... Natural Gas Steam Turbine	Utility Scale Facilities	75,268.3	0.0	3.4	75,264.9	-3.4	410.3	-419.7	8.0	8.0	11.7	1,689.7	-3.7	-1,681.7	75,261.2	73,583.2
..... Natural Gas Internal Combustion Engine	Utility Scale Facilities	6,167.5	111.9	4.1	6,275.3	107.8	389.0	387.8	60.9	659.2	0.0	0.0	60.9	659.2	6,336.2	6,934.5
..... 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	359.6	0.0	0.0	359.6	0.0	14.0	12.6	0.0	0.0	0.0	0.0	0.0	0.0	359.6	359.6
..... Natural Gas Subtotal	Utility Scale Facilities	507,443.2	272.0	65.2	507,650.0	206.8	114.2	150.2	717.2	5,269.4	191.4	2,694.0	525.8	2,575.4	508,175.8	510,225.4
..... Conventional Steam Coal	Utility Scale Facilities	175,082.1	24.7	207.1	174,899.7	-182.4	-2,987.0	-4,295.0	0.0	17.5	420.0	4,823.5	-420.0	-4,806.0	174,479.7	170,093.7
..... Coal Integrated Gasification Combined Cycle	Utility Scale Facilities	555.0	0.0	0.0	555.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	555.0	555.0
..... Coal Subtotal	Utility Scale Facilities	175,637.1	24.7	207.1	175,454.7	-182.4	-2,987.0	-4,295.0	0.0	17.5	420.0	4,823.5	-420.0	-4,806.0	175,034.7	170,648.7
..... Petroleum Coke	Utility Scale Facilities	1,321.9	0.0	0.0	1,321.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,321.9	1,321.9
..... Petroleum Liquids	Utility Scale Facilities	28,021.3	9.8	13.3	28,017.8	-3.5	-100.8	-111.9	6.5	86.1	8.4	1,402.0	-1.9	-1,315.9	28,015.9	26,701.9
..... Other Gases	Utility Scale Facilities	1,838.8	0.0	0.0	1,838.8	0.0	-28.0	-28.0	0.0	0.0	0.0	0.0	0.0	0.0	1,838.8	1,838.8
... Fossil Fuels Subtotal	Utility Scale Facilities	714,262.3	306.5	285.6	714,283.2	20.9	-3,001.6	-4,284.7	723.7	5,373.0	619.8	8,919.5	103.9	-3,546.5	714,387.1	710,736.7
..... Hydroelectric Pumped Storage	Utility Scale Facilities	23,227.4	0.7	6.5	23,221.6	-5.8	74.2	74.2	0.0	4.0	0.0	0.0	0.0	4.0	23,221.6	23,225.6
..... 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	23,408.8	629.0	115.0	23,922.8	514.0	7,927.9	9,723.2	4,831.7	16,783.4	0.0	0.0	4,831.7	16,783.4	28,754.5	40,706.2
... Energy Storage Subtotal	Utility Scale Facilities	46,683.2	629.7	121.5	47,191.4	508.2	8,002.1	9,797.4	4,831.7	16,787.4	0.0	0.0	4,831.7	16,787.4	52,023.1	63,978.8
... Nuclear	Utility Scale Facilities	96,826.2	0.0	0.0	96,826.2	0.0	1,114.0	1,114.0	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	2.0	0.0	1,407.8	2.0	-1.2	-1.2	0.0	20.1	0.0	0.0	0.0	20.1	1,407.8	1,427.9
TOTAL	UTILITY SCALE FACILITIES	1,217,166.8	5,735.3	410.6	1,222,491.5	5,324.7	34,936.4	44,786.8	15,478.9	58,827.7	619.8	8,930.2	14,859.1	49,897.5	1,237,350.6	1,272,389.0
..... Estimated Small Scale Solar Photovoltaic	Small Scale Facilities	52,316.6			53,367.2	1,050.5	5,592.5	6,142.2								
..... Estimated Total Solar Photovoltaic	All Facilities	163,452.3			169,297.7	5,845.3	30,995.3	38,685.4								
... Estimated Total Solar	All Facilities	164,844.3			170,689.7	5,845.3	30,907.3	38,597.4								

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 - November 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	90,527.7	47,774.7	138,302.4
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	72,851.8	40,442.7	113,294.5
February	73,402.2	41,008.3	114,410.5
March	73,948.2	41,589.0	115,537.2
April	74,882.0	42,188.4	117,070.4
May	75,981.9	42,943.5	118,925.4
June	77,601.9	43,659.3	121,261.2
July	78,928.8	44,259.8	123,188.6
August	79,649.3	45,307.2	124,956.5
Sept	80,606.0	45,923.3	126,529.3
October	82,386.8	46,563.2	128,950.0
November	83,387.3	47,224.9	130,612.2
December	90,527.7	47,774.7	138,302.4
Year 2024			
January	93,255.4	48,164.3	141,419.7
February	93,838.9	48,741.8	142,580.7
March	96,769.1	49,170.0	145,939.1
April	98,170.0	49,578.6	147,748.6
May	100,553.1	50,194.2	150,747.3
June	103,191.5	50,535.9	153,727.4
July	104,142.3	50,697.9	154,840.2
August	105,337.5	51,253.4	156,590.9
Sept	107,482.4	51,857.3	159,339.7
October	111,135.7	52,316.6	163,452.3
November	115,930.5	53,367.2	169,297.7

Values for 2023 are final. Values for 2024 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 - November 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	32,611.3	12,605.1	2,558.3	47,774.7
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	26,741.1	11,361.0	2,340.5	40,442.7
February	27,199.2	11,464.5	2,344.6	41,008.3
March	27,683.6	11,544.3	2,361.1	41,589.0
April	28,127.4	11,647.2	2,413.9	42,188.4
May	28,745.6	11,781.7	2,416.2	42,943.5
June	29,380.7	11,849.8	2,428.8	43,659.3
July	29,900.8	11,921.1	2,438.0	44,259.8
August	30,758.5	12,100.6	2,448.1	45,307.2
Sept	31,220.0	12,236.6	2,466.7	45,923.3
October	31,738.1	12,325.8	2,499.3	46,563.2
November	32,195.8	12,478.9	2,550.2	47,224.9
December	32,611.3	12,605.1	2,558.3	47,774.7
Year 2024				
January	32,849.1	12,753.9	2,561.3	48,164.3
February	33,264.2	12,889.5	2,588.1	48,741.8
March	33,581.4	12,993.4	2,595.2	49,170.0
April	33,860.0	13,107.5	2,611.1	49,578.6
May	34,197.3	13,406.6	2,590.2	50,194.2
June	34,426.1	13,513.4	2,596.4	50,535.9
July	34,488.8	13,609.4	2,599.7	50,697.9
August	34,901.0	13,735.1	2,617.3	51,253.4
Sept	35,253.9	13,910.9	2,692.5	51,857.3
October	35,553.8	14,042.2	2,720.7	52,316.6
November	36,067.6	14,575.9	2,723.6	53,367.2

Values for 2023 are final. Values for 2024 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, November 2024 and 2023 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	7,700.5	7,329.7	21,227.1	22,647.6	1,863.4	1,863.4	387.4	354.9	3,326.9	3,326.9	22.0	22.0	34,527.3	35,544.5
Connecticut	574.3	550.2	7,286.5	7,272.5	29.4	29.4	1.6	1.6	2,081.2	2,081.2	0.0	0.0	9,973.0	9,934.9
Maine	2,939.8	2,694.8	2,442.4	2,442.4	0.0	0.0	62.3	62.3	0.0	0.0	22.0	22.0	5,466.5	5,221.5
Massachusetts	2,010.4	1,979.7	7,331.7	8,766.2	1,834.0	1,834.0	285.6	267.1	0.0	0.0	0.0	0.0	11,461.7	12,847.0
New Hampshire	946.6	946.6	2,260.4	2,260.4	0.0	0.0	14.0	0.0	1,245.7	1,245.7	0.0	0.0	4,466.7	4,452.7
Rhode Island	517.3	453.0	1,780.1	1,780.1	0.0	0.0	3.0	3.0	0.0	0.0	0.0	0.0	2,300.4	2,236.1
Vermont	712.1	705.4	126.0	126.0	0.0	0.0	20.9	20.9	0.0	0.0	0.0	0.0	859.0	852.3
Middle Atlantic	15,357.5	13,967.5	70,849.2	71,613.3	3,312.0	3,312.0	383.7	350.5	15,854.5	15,854.5	11.2	11.2	105,768.1	105,109.0
New Jersey	1,381.9	1,365.9	11,378.6	11,509.1	415.4	415.4	89.7	69.7	3,456.7	3,456.7	11.2	11.2	16,733.5	16,828.0
New York	10,232.8	9,326.8	25,793.8	25,812.2	1,405.1	1,405.1	239.4	226.2	3,304.6	3,304.6	0.0	0.0	40,975.7	40,074.9
Pennsylvania	3,742.8	3,274.8	33,676.8	34,292.0	1,491.5	1,491.5	54.6	54.6	9,093.2	9,093.2	0.0	0.0	48,058.9	48,206.1
East North Central	29,509.7	23,573.8	102,222.9	103,385.6	2,179.8	2,185.6	219.1	173.9	18,206.2	18,206.2	169.8	169.8	152,507.5	147,694.9
Illinois	10,351.9	8,767.8	23,967.0	24,474.0	0.0	0.0	96.3	96.1	11,567.6	11,567.6	78.0	78.0	46,060.8	44,983.5
Indiana	5,794.3	4,849.3	21,491.5	21,588.2	0.0	0.0	81.0	36.0	0.0	0.0	88.0	88.0	27,454.8	26,561.5
Michigan	5,696.2	5,164.5	20,234.2	20,306.7	2,179.8	2,185.6	1.3	1.3	3,318.0	3,318.0	3.8	3.8	31,433.3	30,979.9
Ohio	4,221.7	2,327.2	23,822.9	23,845.1	0.0	0.0	34.8	34.8	2,134.0	2,134.0	0.0	0.0	30,213.4	28,341.1
Wisconsin	3,445.6	2,465.0	12,707.3	13,171.6	0.0	0.0	5.7	5.7	1,186.6	1,186.6	0.0	0.0	17,345.2	16,828.9
West North Central	46,604.3	44,664.5	56,735.5	57,366.2	657.0	657.0	33.0	32.8	4,792.2	4,792.2	14.2	12.2	108,836.2	107,524.9
Iowa	13,601.3	13,095.8	9,386.7	9,401.7	0.0	0.0	10.3	8.9	0.0	0.0	0.0	0.0	22,998.3	22,506.4
Kansas	9,100.8	8,493.5	8,901.0	8,921.1	0.0	0.0	0.0	0.0	1,176.7	1,176.7	2.8	0.8	19,181.3	18,592.1
Minnesota	7,026.3	6,694.0	9,418.8	10,095.8	0.0	0.0	16.0	16.0	1,657.0	1,657.0	6.1	6.1	18,124.2	18,468.9
Missouri	3,068.2	3,038.2	16,286.1	16,286.1	657.0	657.0	1.0	2.2	1,190.0	1,190.0	0.0	0.0	21,202.3	21,173.5
Nebraska	3,935.1	3,854.1	6,153.4	6,155.4	0.0	0.0	4.9	4.9	768.5	768.5	0.0	0.0	10,861.9	10,782.9
North Dakota	4,839.9	4,839.9	4,645.3	4,556.9	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	9,490.5	9,402.1
South Dakota	5,032.7	4,649.0	1,944.2	1,949.2	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	6,977.7	6,599.0
South Atlantic	40,881.1	35,489.4	152,915.0	153,977.4	8,272.5	8,192.5	918.9	847.9	27,018.1	25,904.1	366.9	366.9	230,372.5	224,778.2
Delaware	113.1	105.6	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	3,295.5
District of Columbia	42.4	31.6	20.6	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.0	52.2
Florida	11,605.5	8,610.4	55,407.9	55,961.9	0.0	0.0	560.7	560.7	3,666.0	3,666.0	312.9	312.9	71,553.0	69,111.9
Georgia	7,920.0	6,940.1	23,457.0	23,457.0	1,897.4	1,897.4	146.2	81.2	6,289.0	5,175.0	0.0	0.0	39,709.6	37,550.7
Maryland	1,473.6	1,423.6	8,454.0	8,742.0	0.0	0.0	13.7	7.7	1,745.2	1,745.2	0.0	0.0	11,686.5	11,918.5
North Carolina	9,310.8	8,954.0	21,059.2	21,318.2	86.0	86.0	58.3	58.3	5,149.6	5,149.6	54.0	54.0	35,717.9	35,620.1
South Carolina	3,333.3	3,317.2	11,572.2	11,526.3	3,036.0	2,956.0	22.0	22.0	6,600.3	6,600.3	0.0	0.0	24,563.8	24,421.8
Virginia	5,758.8	4,907.7	15,995.8	16,003.1	3,253.1	3,253.1	70.5	70.5	3,568.0	3,568.0	0.0	0.0	28,646.2	27,802.4
West Virginia	1,323.6	1,199.2	13,758.4	13,758.4	0.0	0.0	47.5	47.5	0.0	0.0	0.0	0.0	15,129.5	15,005.1
East South Central	11,185.0	9,877.8	62,345.4	61,654.4	1,616.3	1,616.3	52.5	2.5	11,358.4	11,358.4	1.4	1.4	86,559.0	84,510.8
Alabama	4,572.0	4,509.6	21,134.0	21,134.0	0.0	0.0	1.0	1.0	5,452.7	5,452.7	0.0	0.0	31,159.7	31,097.3
Kentucky	1,523.0	1,287.7	17,047.5	16,382.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18,570.5	17,670.2
Mississippi	1,706.6	723.2	12,745.1	12,719.1	0.0	0.0	51.5	1.5	1,383.0	1,383.0	1.4	1.4	15,887.6	14,828.2
Tennessee	3,383.4	3,357.3	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	20,915.1
West South Central	83,231.0	70,615.4	139,974.3	140,010.7	288.0	288.0	6,288.4	3,231.1	8,941.9	8,941.9	578.1	578.1	239,301.7	223,665.2
Arkansas	3,063.6	2,129.9	10,875.0	10,875.0	30.0	30.0	22.0	22.0	1,825.0	1,825.0	0.0	0.0	15,815.6	14,881.9
Louisiana	1,666.7	758.6	20,695.8	21,508.7	0.0	0.0	0.0	0.5	2,136.9	2,136.9	359.1	359.1	24,858.5	24,763.8
Oklahoma	13,724.0	13,110.0	18,297.3	18,212.3	258.0	258.0	10.0	10.0	0.0	0.0	0.0	0.0	32,289.3	31,590.3
Texas	64,776.7	54,616.9	90,106.2	89,414.7	0.0	0.0	6,256.4	3,198.6	4,980.0	4,980.0	219.0	219.0	166,338.3	152,429.2
Mountain	47,037.6	40,136.8	59,006.8	58,238.2	806.7	806.7	3,781.2	1,540.8	3,937.0	3,937.0	124.6	124.6	114,693.9	104,784.1
Arizona	8,724.7	6,683.8	17,693.5	17,548.5	216.3	216.3	1,963.0	811.0	3,937.0	3,937.0	0.0	0.0	32,534.5	29,196.6
Colorado	8,247.2	7,772.5	10,472.4	10,472.4	590.4	590.4	319.4	241.0	0.0	0.0	9.1	9.1	19,638.5	19,085.4
Idaho	4,358.7	4,095.5	1,242.3	1,242.3	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	5,615.8	5,352.6
Montana	4,899.8	4,483.0	2,233.6	2,068.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	7,173.4	6,591.0
Nevada	7,097.4	5,703.3	8,529.0	8,081.4	0.0	0.0	1,108.8	248.8	0.0	0.0	6.5	6.5	16,741.7	14,040.0
New Mexico	7,125.4	5,635.4	4,849.1	4,849.1	0.0	0.0	389.0	239.0	0.0	0.0	0.7	0.7	12,364.2	10,724.2
Utah	2,929.3	2,363.9	7,311.3	7,303.1	0.0	0.0	1.0	1.0	0.0	0.0	40.2	40.2	10,281.8	9,708.2
Wyoming	3,655.1	3,399.4	6,675.6	6,673.4	0.0	0.0	0.0	0.0	0.0	0.0	13.3	13.3	10,344.0	10,086.1
Pacific Contiguous	79,799.1	77,563.9	44,854.0	45,518.0	4,225.9	4,225.9	11,379.5	7,443.6	3,391.0	3,391.0	91.2	94.4	143,740.7	138,236.8
California	40,856.9	38,603.8	37,012.4	37,686.4	3,911.9	3,911.9	11,343.5	7,402.6	2,240.0	2,240.0	91.2	94.4	95,455.9	89,939.1
Oregon	13,586.3	13,609.8	3,769.0	3,769.0	0.0	0.0	30.0	35.0	0.0	0.0	0.0	0.0	17,385.3	17,413.8
Washington	25,355.9	25,350.3	4,072.6	4,062.6	314.0	314.0	6.0	6.0	1,151.0	1,151.0	0.0	0.0	30,899.5	30,883.9
Pacific Noncontiguous	1,477.1	1,402.8	4,153.0	4,156.5	0.0	0.0	526.1	268.6	0.0	0.0	28.4	28.4	6,184.6	5,856.3
Alaska	549.9	548.1	2,172.1	2,176.6	0.0	0.0	93.7	93.7	0.0	0.0	0.9	0.9	2,816.6	2,819.3
Hawaii	927.2	854.7	1,980.9	1,979.9	0.0	0.0	432.4	174.9	0.0	0.0	27.5	27.5	3,368.0	3,037.0
U.S. Total	362,782.9	324,621.6	714,283.2	718,567.9	23,221.6	23,147.4	23,969.8	14,246.6	96,826.2	95,712.2	1,407.8	1,409.0	1,222,491.5	1,177,704.7

NM = Not meaningful due to large relative standard error.
Values for 2023 are final. Values for 2024 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, November 2024 and 2023 (Megawatts)

	Summer Capacity at Utility Scale Facilities														Small Scale Capacity		Capacity From Utility and Small Scale Facilities			
Census Division and State	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable Sources		Estimated Solar Photovoltaic		Estimated Total Solar Photovoltaic		Estimated Total Solar	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	1,575.7	1,575.7	2,926.9	2,551.4	0.0	0.0	1,950.5	1,953.6	1,247.4	1,249.0	0.0	0.0	7,700.5	7,329.7	6,265.9	4,932.2	9,192.8	7,483.6	9,192.8	7,483.6
Connecticut	5.0	5.0	310.5	286.4	0.0	0.0	119.2	119.2	139.6	139.6	0.0	0.0	574.3	550.2	1,475.2	964.8	1,785.7	1,251.2	1,785.7	1,251.2
Maine	1,029.5	1,029.5	695.9	450.9	0.0	0.0	725.8	725.8	488.6	488.6	0.0	0.0	2,939.8	2,694.8	830.8	518.0	1,526.7	968.9	1,526.7	968.9
Massachusetts	101.8	101.8	1,370.7	1,337.6	0.0	0.0	264.8	267.2	273.1	273.1	0.0	0.0	2,010.4	1,979.7	2,971.6	2,654.6	4,342.3	3,992.2	4,342.3	3,992.2
New Hampshire	211.9	211.9	2.4	2.4	0.0	0.0	506.5	506.5	225.8	225.8	0.0	0.0	946.6	946.6	266.0	226.7	268.4	229.1	268.4	229.1
Rhode Island	77.3	77.3	397.2	332.9	0.0	0.0	2.7	2.7	40.1	40.1	0.0	0.0	517.3	453.0	537.2	390.9	934.4	723.8	934.4	723.8
Vermont	150.2	150.2	150.2	141.2	0.0	0.0	331.5	332.2	80.2	81.8	0.0	0.0	712.1	705.4	185.2	177.3	335.4	318.5	335.4	318.5
Middle Atlantic	4,436.5	4,199.0	4,351.2	3,198.7	0.0	0.0	5,502.6	5,502.6	1,067.2	1,067.2	0.0	0.0	15,357.5	13,967.5	6,753.0	6,005.4	11,104.2	9,204.1	11,104.2	9,204.1
New Jersey	7.6	7.6	1,173.3	1,157.3	0.0	0.0	12.3	12.3	188.7	188.7	0.0	0.0	1,381.9	1,365.9	2,472.2	2,282.4	3,645.5	3,439.7	3,645.5	3,439.7
New York	2,876.3	2,638.8	2,340.4	1,671.9	0.0	0.0	4,560.8	4,560.8	455.3	455.3	0.0	0.0	10,232.8	9,326.8	3,311.0	2,933.9	5,651.4	4,605.8	5,651.4	4,605.8
Pennsylvania	1,552.6	1,552.6	837.5	369.5	0.0	0.0	929.5	929.5	423.2	423.2	0.0	0.0	3,742.8	3,274.8	969.8	789.2	1,807.3	1,158.7	1,807.3	1,158.7
East North Central	17,015.1	16,541.1	10,609.4	5,147.8	0.0	0.0	880.5	880.2	1,004.7	1,004.7	0.0	0.0	29,509.7	23,573.8	2,660.0	2,141.8	13,269.4	7,289.6	13,269.4	7,289.6
Illinois	7,873.7	7,603.2	2,390.1	1,076.5	0.0	0.0	32.9	32.9	55.2	55.2	0.0	0.0	10,351.9	8,767.8	1,435.0	1,127.3	3,825.1	2,203.8	3,825.1	2,203.8
Indiana	3,439.1	3,439.1	2,233.9	1,288.9	0.0	0.0	71.6	71.6	49.7	49.7	0.0	0.0	5,794.3	4,849.3	275.5	240.1	2,509.4	1,529.0	2,509.4	1,529.0
Michigan	3,774.3	3,575.3	1,168.0	835.0	0.0	0.0	263.5	263.8	490.4	490.4	0.0	0.0	5,696.2	5,164.5	268.2	224.1	1,436.2	1,059.1	1,436.2	1,059.1
Ohio	1,101.8	1,097.3	2,940.2	1,050.2	0.0	0.0	101.9	101.9	77.8	77.8	0.0	0.0	4,221.7	2,327.2	414.2	337.7	3,354.4	1,387.9	3,354.4	1,387.9
Wisconsin	826.2	826.2	1,877.2	897.2	0.0	0.0	410.6	410.0	331.6	331.6	0.0	0.0	3,445.6	2,465.0	267.1	212.7	2,144.3	1,109.9	2,144.3	1,109.9
West North Central	40,247.5	39,149.1	2,598.6	1,759.9	0.0	0.0	3,364.6	3,364.6	393.6	390.9	0.0	0.0	46,604.3	44,664.5	1,230.0	1,119.4	3,828.6	2,879.3	3,828.6	2,879.3
Iowa	12,842.5	12,603.8	526.1	262.0	0.0	0.0	209.4	209.4	23.3	20.6	0.0	0.0	13,601.3	13,095.8	317.9	277.5	844.0	539.5	844.0	539.5
Kansas	9,042.7	8,438.7	42.1	38.8	0.0	0.0	7.0	7.0	9.0	9.0	0.0	0.0	9,100.8	8,493.5	103.6	85.3	145.7	124.1	145.7	124.1
Minnesota	4,928.7	4,928.7	1,569.0	1,236.7	0.0	0.0	212.0	212.0	316.6	316.6	0.0	0.0	7,026.3	6,694.0	287.3	241.7	1,856.3	1,478.4	1,856.3	1,478.4
Missouri	2,374.9	2,374.9	130.8	100.8	0.0	0.0	548.5	548.5	14.0	14.0	0.0	0.0	3,068.2	3,038.2	478.6	476.5	609.4	577.3	609.4	577.3
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	35.7	33.0	157.3	73.6	157.3	73.6
North Dakota	4,320.1	4,320.1	0.0	0.0	0.0	0.0	510.0	510.0	9.8	9.8	0.0	0.0	4,839.9	4,839.9	2.5	1.6	2.5	1.6	2.5	1.6
South Dakota	3,220.3	2,964.6	209.0	81.0	0.0	0.0	1,598.0	1,598.0	5.4	5.4	0.0	0.0	5,032.7	4,649.0	4.5	3.8	213.5	84.8	213.5	84.8
South Atlantic	1,267.2	1,267.2	28,744.5	23,279.9	0.0	0.0	7,055.3	7,055.3	3,814.1	3,887.0	0.0	0.0	40,881.1	35,489.4	6,240.1	5,495.6	34,984.6	28,775.5	34,984.6	28,775.5
Delaware	2.0	2.0	96.9	89.4	0.0	0.0	0.0	0.0	14.2	14.2	0.0	0.0	113.1	105.6	144.8	131.5	241.7	220.9	241.7	220.9
District of Columbia	0.0	0.0	30.4	19.6	0.0	0.0	0.0	0.0	12.0	12.0	0.0	0.0	42.4	31.6	173.8	138.7	204.2	158.3	204.2	158.3
Florida	0.0	0.0	10,560.4	7,565.3	0.0	0.0	43.5	43.5	1,001.6	1,001.6	0.0	0.0	11,605.5	8,610.4	2,752.4	2,361.1	13,312.8	9,926.4	13,312.8	9,926.4
Georgia	0.0	0.0	4,867.9	3,888.0	0.0	0.0	1,985.0	1,985.0	1,067.1	1,067.1	0.0	0.0	7,920.0	6,940.1	341.4	315.8	5,209.3	4,203.8	5,209.3	4,203.8
Maryland	190.0	190.0	628.8	578.8	0.0	0.0	514.9	514.9	139.9	139.9	0.0	0.0	1,473.6	1,423.6	1,138.2	1,045.0	1,767.0	1,623.8	1,767.0	1,623.8
North Carolina	208.0	208.0	6,720.2	6,354.4	0.0	0.0	2,010.5	2,010.5	372.1	381.1	0.0	0.0	9,310.8	8,954.0	563.8	484.0	7,284.0	6,838.4	7,284.0	6,838.4
South Carolina	0.0	0.0	1,573.6	1,557.5	0.0	0.0	1,294.0	1,294.0	465.7	465.7	0.0	0.0	3,333.3	3,317.2	408.6	382.8	1,982.2	1,940.3	1,982.2	1,940.3
Virginia	12.0	12.0	4,141.9	3,226.9	0.0	0.0	866.6	866.6	738.3	802.2	0.0	0.0	5,758.8	4,907.7	673.4	602.2	4,815.3	3,829.1	4,815.3	3,829.1
West Virginia	855.2	855.2	124.4	0.0	0.0	0.0	340.8	340.8	3.2	3.2	0.0	0.0	1,323.6	1,199.2	43.6	34.5	168.0	34.5	168.0	34.5
East South Central	213.6	29.1	2,799.1	1,676.4	0.0	0.0	7,037.8	7,037.8	1,134.5	1,134.5	0.0	0.0	11,185.0	9,877.8	197.7	174.3	2,996.8	1,850.7	2,996.8	1,850.7
Alabama	0.0	0.0	663.5	601.1	0.0	0.0	3,291.8	3,291.8	616.7	616.7	0.0	0.0	4,572.0	4,509.6	NM	NM	NM	NM	NM	NM
Kentucky	0.0	0.0	315.1	79.8	0.0	0.0	1,137.4	1,137.4	70.5	70.5	0.0	0.0	1,523.0	1,287.7	113.6	95.2	428.7	175.0	428.7	175.0
Mississippi	184.5	0.0	1,219.7	420.8	0.0	0.0	0.0	0.0	302.4	302.4	0.0	0.0	1,706.6	723.2	18.8	15.2	1,238.5	436.0	1,238.5	436.0
Tennessee	29.1	29.1	600.8	574.7	0.0	0.0	2,608.6	2,608.6	144.9	144.9	0.0	0.0	3,383.4	3,357.3	49.0	49.1	649.8	623.8	649.8	623.8
West South Central	54,730.8	52,251.9	24,420.5	14,265.7	0.0	0.0	3,004.5	3,013.0	1,075.2	1,084.8	0.0	0.0	83,231.0	70,615.4	3,726.8	3,451.5	28,147.3	17,717.2	28,147.3	17,717.2
Arkansas	0.0	0.0	1,574.6	640.9	0.0	0.0	1,265.2	1,265.2	223.8	223.8	0.0	0.0	3,063.6	2,129.9	394.0	276.5	1,968.6	917.4	1,968.6	917.4
Louisiana	0.0	0.0	1,052.6	144.5	0.0	0.0	192.0	192.0	422.1	422.1	0.0	0.0	1,666.7	758.6	205.4	189.5	1,258.0	334.0	1,258.0	334.0
Oklahoma	12,648.2	12,145.7	167.5	47.5	0.0	0.0	832.1	840.6	76.2	76.2	0.0	0.0	13,724.0	13,110.0	141.9	208.4	309.4	255.9	309.4	255.9
Texas	42,082.6	40,106.2	21,625.8	13,432.8	0.0	0.0	715.2	715.2	353.1	362.7	0.0	0.0	64,776.7	54,616.9	2,985.5	2,777.1	24,611.3	16,209.9	24,611.3	16,209.9
Mountain	17,643.8	16,389.4	17,399.8																	

Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State, November 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 Fossil Gas		Total Fossil Fuels	
	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023	November 2024	November 2023
New England	12,623.8	14,115.3	1,425.4	1,368.4	686.5	672.5	533.9	533.9	0.0	0.0	5,957.5	5,957.5	0.0	0.0	21,227.1	22,647.6
Connecticut	3,923.0	3,923.0	584.0	584.0	570.8	556.8	0.0	0.0	0.0	0.0	2,208.7	2,208.7	0.0	0.0	7,286.5	7,272.5
Maine	1,285.7	1,285.7	312.0	312.0	0.0	0.0	0.0	0.0	0.0	0.0	844.7	844.7	0.0	0.0	2,442.4	2,442.4
Massachusetts	4,451.4	5,942.9	513.2	456.2	90.3	90.3	0.0	0.0	0.0	0.0	2,276.8	2,276.8	0.0	0.0	7,331.7	8,766.2
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	37,347.0	37,337.0	6,951.5	7,092.0	15,942.3	15,937.1	5,382.6	6,008.7	11.6	11.6	5,099.3	5,112.0	114.9	114.9	70,849.2	71,613.3
New Jersey	8,384.0	8,374.0	2,594.0	2,734.5	69.9	69.9	0.0	0.0	11.6	11.6	290.1	290.1	29.0	29.0	11,378.6	11,509.1
New York	9,908.2	9,908.2	2,459.2	2,459.2	9,962.7	9,963.0	0.0	0.0	0.0	0.0	3,463.7	3,481.8	0.0	0.0	25,793.8	25,812.2
Pennsylvania	19,054.8	19,054.8	1,898.3	1,898.3	5,909.7	5,904.2	5,382.6	6,008.7	0.0	0.0	1,345.5	1,340.1	85.9	85.9	33,676.8	34,292.0
East North Central	31,450.4	31,425.7	26,249.4	26,557.4	4,498.2	4,503.0	36,498.9	37,336.3	251.1	251.1	2,259.9	2,269.1	1,015.0	1,043.0	102,222.9	103,385.6
Illinois	5,823.1	5,823.1	10,380.0	10,728.0	373.0	373.0	6,694.5	6,853.5	0.0	0.0	659.9	659.9	36.5	36.5	23,967.0	24,474.0
Indiana	3,916.2	3,882.8	3,365.9	3,365.9	848.0	851.4	12,721.4	12,847.2	0.0	0.0	94.9	95.8	545.1	545.1	21,491.5	21,588.2
Michigan	7,688.9	7,691.6	3,570.0	3,570.0	2,513.3	2,513.5	5,732.3	5,801.9	47.2	47.2	432.5	432.5	250.0	250.0	20,234.2	20,306.7
Ohio	10,548.2	10,554.2	5,721.3	5,721.3	101.0	102.2	6,620.5	6,607.5	145.5	145.5	503.0	503.0	183.4	211.4	23,822.9	23,845.1
Wisconsin	3,474.0	3,474.0	3,212.2	3,172.2	662.9	662.9	4,730.2	5,226.2	58.4	58.4	569.6	577.9	0.0	0.0	12,707.3	13,171.6
West North Central	7,047.3	7,047.3	11,681.5	11,620.1	3,755.8	3,755.9	30,360.2	31,056.7	32.0	32.0	3,850.3	3,845.8	8.4	8.4	56,735.5	57,366.2
Iowa	1,741.9	1,741.9	1,210.6	1,210.6	748.0	751.2	4,846.3	4,860.8	32.0	32.0	807.9	805.2	0.0	0.0	9,386.7	9,401.7
Kansas	247.0	247.0	2,181.4	2,208.4	1,399.4	1,396.3	4,524.7	4,524.7	0.0	0.0	548.5	544.7	0.0	0.0	8,901.0	8,921.1
Minnesota	2,532.9	2,532.9	2,545.0	2,545.0	421.9	421.9	3,141.7	3,823.7	0.0	0.0	777.3	772.3	0.0	0.0	9,418.8	10,095.8
Missouri	1,892.5	1,892.5	3,200.8	3,200.8	392.8	392.8	9,714.2	9,714.2	0.0	0.0	1,085.8	1,085.8	0.0	0.0	16,286.1	16,286.1
Nebraska	338.0	338.0	1,107.6	1,107.6	518.4	518.4	3,825.8	3,825.8	0.0	0.0	363.6	365.6	0.0	0.0	6,153.4	6,155.4
North Dakota	0.0	0.0	542.4	454.0	203.9	203.9	3,832.5	3,832.5	0.0	0.0	58.1	58.1	8.4	8.4	4,645.3	4,556.9
South Dakota	295.0	295.0	893.7	893.7	71.4	71.4	475.0	475.0	0.0	0.0	209.1	214.1	0.0	0.0	1,944.2	1,949.2
South Atlantic	65,853.6	65,781.6	32,284.8	32,264.9	14,131.5	14,129.8	34,567.2	35,632.2	83.8	83.8	5,859.1	5,950.1	135.0	135.0	152,915.0	153,977.4
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	35,743.0	8,791.0	8,791.0	5,201.3	5,201.3	3,989.7	4,615.7	0.0	0.0	1,610.9	1,610.9	0.0	0.0	55,407.9	55,961.9
Georgia	8,067.0	8,067.0	7,569.1	7,569.1	850.1	850.1	5,780.0	5,780.0	83.8	83.8	1,107.0	1,107.0	0.0	0.0	23,457.0	23,457.0
Maryland	2,745.8	2,745.8	1,675.6	1,675.6	1,211.3	1,211.3	1,273.0	1,453.0	0.0	0.0	1,548.3	1,656.3	0.0	0.0	8,454.0	8,742.0
North Carolina	5,579.0	5,579.0	6,030.5	6,030.5	4,665.7	4,665.7	4,293.0	4,552.0	0.0	0.0	491.0	491.0	0.0	0.0	21,059.2	21,318.2
South Carolina	3,252.0	3,252.0	2,548.6	2,528.7	780.0	780.0	4,749.0	4,749.0	0.0	0.0	242.6	216.6	0.0	0.0	11,572.2	11,526.3
Virginia	8,898.8	8,898.8	4,245.9	4,245.9	583.8	582.1	1,530.1	1,530.1	0.0	0.0	737.2	746.2	0.0	0.0	15,995.8	16,003.1
West Virginia	0.0	0.0	1,089.5	1,089.5	115.5	115.5	12,542.4	12,542.4	0.0	0.0	11.0	11.0	0.0	0.0	13,758.4	13,758.4
East South Central	23,828.8	23,800.8	13,682.0	13,019.0	4,012.2	4,012.2	20,288.5	20,288.5	0.0	0.0	533.9	533.9	0.0	0.0	62,345.4	61,654.4
Alabama	11,172.2	11,172.2	3,307.8	3,307.8	1,883.4	1,883.4	4,728.0	4,728.0	0.0	0.0	42.6	42.6	0.0	0.0	21,134.0	21,134.0
Kentucky	1,791.0	1,789.0	5,599.6	4,936.6	483.0	483.0	9,162.0	9,162.0	0.0	0.0	11.9	11.9	0.0	0.0	17,047.5	16,382.5
Mississippi	8,410.5	8,384.5	1,369.3	1,369.3	1,512.3	1,512.3	1,444.0	1,444.0	0.0	0.0	9.0	9.0	0.0	0.0	12,745.1	12,719.1
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	64,743.3	64,856.8	17,373.0	16,704.0	29,169.1	29,761.0	26,698.6	26,698.6	891.4	891.4	754.2	754.2	344.7	344.7	139,974.3	140,010.7
Arkansas	4,605.2	4,605.2	702.8	702.8	824.0	824.0	4,734.0	4,734.0	0.0	0.0	9.0	9.0	0.0	0.0	10,875.0	10,875.0
Louisiana	9,530.0	9,688.0	2,834.2	2,834.2	5,217.2	5,872.1	2,069.5	2,069.5	827.6	827.6	49.7	49.7	167.6	167.6	20,695.8	21,508.7
Oklahoma	7,349.6	7,327.6	1,649.2	1,649.2	5,909.1	5,972.1	3,272.5	3,272.5	0.0	0.0	53.9	53.9	0.0	0.0	18,297.3	18,212.3
Texas	43,258.5	43,236.0	12,186.8	11,517.8	17,155.8	17,155.8	16,622.6	16,622.6	63.8	63.8	641.6	641.6	177.1	177.1	90,106.2	89,414.7
Mountain	23,137.2	23,087.2	10,109.6	9,570.6	4,933.3	3,683.7	20,229.9	21,299.9	52.0	52.0	537.0	537.0	7.8	7.8	59,006.8	58,238.2
Arizona	10,231.6	10,181.6	3,156.8	3,061.8	1,097.6	1,097.6	2,939.0	2,939.0	0.0	0.0	268.5	268.5	0.0	0.0	17,693.5	17,548.5
Colorado	3,193.5	3,193.5	2,661.0	2,661.0	633.4	633.4	3,804.0	3,804.0	0.0	0.0	177.5	177.5	3.0	3.0	10,472.4	10,472.4
Idaho	601.0	601.0	619.2	619.2	16.7	16.7	0.0	0.0	0.0	0.0	5.4	5.4	0.0	0.0	1,242.3	1,242.3
Montana	0.0	0.0	315.8	315.8	237.8	72.2	1,626.5	1,626.5	52.0	52.0	0.0	0.0	1.5	1.5	2,233.6	2,068.0
Nevada	5,703.0	5,703.0	1,629.6	1,185.6	450.0	446.4	740.4	740.4	0.0	0.0	6.0	6.0	0.0	0.0	8,529.0	8,081.4
New Mexico	1,484.1	1,484.1	945.3	945.3	833.7	833.7	1,540.0	1,540.0	0.0	0.0	46.0	46.0	0.0	0.0	4,849.1	4,849.1
Utah	1,830.0	1,830.0	534.6	534.6	337.9	329.7	4,581.0	4,581.0	0.0	0.0	27.8	27.8	0.0	0.0	7,311.3	7,303.1
Wyoming	94.0	94.0	247.3	247.3	1,326.2	254.0	4,999.0	6,069.0	0.0	0.0	5.8	5.8	3.3	3.3	6,675.6	6,673.4
Pacific Contiguous	26,455.9	26,426.9	12,312.6	12,312.6	4,706.5	5,399.5	727.0	727.0	0.0	0.0	439.0	439.0	213.0	213.0	44,854.0	45,518.0
California	20,410.1	20,391.1	11,469.4	11,469.4	4,447.7	5,140.7	57.0	57.0	0.0	0.0	415.2	415.2	213.0	213.0	37,012.4	37,686.4
Oregon	3,409.2	3,409.2	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	3,769.0
Washington	2,636.6	2,626.6	719.2	719.2	29.6	29.6	670.0	670.0	0.0	0.0	17.2	17.2	0.0	0.0	4,072.6	4,062.6
Pacific Noncontiguous	374.6	374.6	708.5	708.5	174.4	174.4	167.9	167.9	0.0	0.0	2,727.6	2,731.1	0.0	0.0	4,153.0	4,156.5
Alaska	374.6	374.6	708.5	708.5	174.4	174.4	167.9	167.9	0.0	0.0	746.7	751.2	0.0	0.0	2,172.1	2,176.6
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,980.9	1,979.9	0.0	0.0	1,980.9	1,979.9
U.S. Total	292,861.9	294,253.2	132,778.3	131,217.5	82,009.8	82,029.1	175,454.7	179,749.7	1,321.9	1,321.9	28,017.8	28,129.7	1,838.8	1,866.8	714,283.2	718,567.9

NM = Not meaningful due to large relative standard error.
Values for 2023 are final. Values for 2024 are preliminary.

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

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

Table 6.3. New Utility Scale Generating Units by Operating Company, Plant, and Month, 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	803	Arizona Public Service Co	Electric Utility	Chino Valley Solar	AZ	57560	CV19M	19.0	Batteries	MWH	BA
2024	1	62921	Arroyo Solar LLC	IPP	Arroyo Solar Energy Storage Hybrid	NM	63172	ARSOL	300.0	Solar Photovoltaic	SUN	PV
2024	1	66274	AstraZeneca Pharmaceuticals	Industrial	AstraZeneca Newark Solar	DE	67572	PV-A	1.6	Solar Photovoltaic	SUN	PV
2024	1	66274	AstraZeneca Pharmaceuticals	Industrial	AstraZeneca Newark Solar	DE	67572	PV-B	1.6	Solar Photovoltaic	SUN	PV
2024	1	65060	BPL Crown Solar LLC	IPP	BPL Crown Solar LLC	TX	64259	OCICR	100.0	Solar Photovoltaic	SUN	PV
2024	1	65489	Canyon Wind Project, LLC	IPP	Canyon Wind Project, LLC	TX	60271	WT1	308.8	Onshore Wind Turbine	WND	WT
2024	1	65311	Clearwater Wind East, LLC	IPP	Clearwater Wind East	MT	66183	CWE	207.9	Onshore Wind Turbine	WND	WT
2024	1	56769	Consolidated Edison Development Inc.	IPP	Mesquite Solar 4, LLC	AZ	65962	MS4	52.5	Solar Photovoltaic	SUN	PV
2024	1	56769	Consolidated Edison Development Inc.	IPP	Mesquite Solar 4, LLC	AZ	65962	MS4B	10.0	Batteries	MWH	BA
2024	1	61610	Delaware River Solar, LLC	IPP	Day Hollow Road Community Solar	NY	65826	1829	5.0	Solar Photovoltaic	SUN	PV
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM45	2.8	Other Natural Gas	NG	FC
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM46	2.8	Other Natural Gas	NG	FC
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM47	2.8	Other Natural Gas	NG	FC
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM48	2.8	Other Natural Gas	NG	FC
2024	1	62091	Derby Fuel Cell LLC	IPP	Derby Fuel Cell	CT	62588	MM49	2.8	Other Natural Gas	NG	FC
2024	1	6452	Florida Power & Light Co	Electric Utility	Beautyberry	FL	65874	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Caloosahatchee	FL	65871	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Canoe	FL	65866	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Ibis	FL	65877	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Monarch	FL	65872	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Orchard	FL	65925	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Pineapple	FL	65865	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Prairie Creek FL	FL	65868	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Silver Palm	FL	65878	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Terrill Creek	FL	65882	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	Turnpike	FL	65873	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	6452	Florida Power & Light Co	Electric Utility	White Tail	FL	65869	1	74.5	Solar Photovoltaic	SUN	PV
2024	1	62856	Forefront Power, LLC	IPP	CA - DGS RFP - RJ Donovan State Prison	CA	65104	15111	2.0	Solar Photovoltaic	SUN	PV
2024	1	62856	Forefront Power, LLC	IPP	CA-DGS RFP-Pleasant Valley State Prison	CA	65526	15112	2.0	Solar Photovoltaic	SUN	PV
2024	1	61194	Generate Capital	IPP	Spencer (NY)	NY	67617	11017	4.9	Solar Photovoltaic	SUN	PV
2024	1	65479	Goleta Energy Storage, LLC	IPP	Goleta Energy Storage, LLC	CA	66394	GOLET	60.0	Batteries	MWH	BA
2024	1	60025	Greenbacker Renewable Energy Corporation	IPP	Appaloosa Solar I	UT	65678	AS1A	120.0	Solar Photovoltaic	SUN	PV
2024	1	60025	Greenbacker Renewable Energy Corporation	IPP	Appaloosa Solar I	UT	65678	AS1B	80.0	Solar Photovoltaic	SUN	PV
2024	1	65076	HEN Infrastructure, L.L.C.	IPP	Val Verde	TX	65837	VALVR	9.9	Batteries	MWH	BA
2024	1	24205	HF Sinclair Parco Refining LLC	Industrial	Sinclair Oil Refinery	WY	54374	NO7	2.2	Natural Gas Internal Combustion Engine	NG	IC
2024	1	65181	House Mountain	IPP	House Mountain	TX	66006	BA	63.0	Batteries	MWH	BA
2024	1	64927	IP Lumina II, LLC	IPP	Lumina II Solar Project	TX	65644	LUMII	321.0	Solar Photovoltaic	SUN	PV
2024	1	64924	IP Lumina, LLC	IPP	Lumina Solar Project	TX	65645	LUMIN	320.0	Solar Photovoltaic	SUN	PV
2024	1	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Arche Energy Project, LLC	OH	65402	ARCHE	107.0	Solar Photovoltaic	SUN	PV
2024	1	65860	Madison Fields Solar Project, LLC	IPP	Madison Fields Solar Project, LLC	OH	66198	USMDF	180.0	Solar Photovoltaic	SUN	PV
2024	1	12796	Monongahela Power Co	Electric Utility	Fort Martin Solar	WV	66898	FTMS	18.9	Solar Photovoltaic	SUN	PV
2024	1	61227	Nautilus Solar Solutions	IPP	SolarClub 30 (CSG)	MN	67332	SC	1.0	Solar Photovoltaic	SUN	PV
2024	1	60584	Onyx Asset Services Group	IPP	Paso Robles - Municipal Airport	CA	67866	10221	3.0	Solar Photovoltaic	SUN	PV
2024	1	65580	Pioneer Hutt Wind Energy, LLC	IPP	Pioneer Hutt Wind Energy	TX	66531	WPION	140.0	Onshore Wind Turbine	WND	WT
2024	1	65577	Potsdam Community Solar 2, LLC	IPP	NY Potsdam 28 Hamilton St. Solar	NY	66530	21013	4.4	Solar Photovoltaic	SUN	PV
2024	1	59216	S.C. Johnson & Son, Inc.	Industrial	Waxdale	WI	59448	SITEA	1.3	Solar Photovoltaic	SUN	PV
2024	1	59216	S.C. Johnson & Son, Inc.	Industrial	Waxdale	WI	59448	SITEB	0.4	Solar Photovoltaic	SUN	PV
2024	1	59216	S.C. Johnson & Son, Inc.	Industrial	Waxdale	WI	59448	SITEC	0.4	Solar Photovoltaic	SUN	PV
2024	1	65560	SOL ME Augusta 13 York Farm, LLC	IPP	ME Augusta 13 York Farm Rd Solar	ME	66512	18196	1.0	Solar Photovoltaic	SUN	PV
2024	1	60520	SoCore Energy LLC	IPP	Yorktown 1 Solar	IL	67832	PV1	2.0	Solar Photovoltaic	SUN	PV
2024	1	60520	SoCore Energy LLC	IPP	Yorktown 2 Solar	IL	67833	PV1	2.0	Solar Photovoltaic	SUN	PV
2024	1	59573	Solar Star Prime 3, LLC	IPP	Amazon Bakersfield 1 Solar Project	CA	65562	ABFSP	4.2	Solar Photovoltaic	SUN	PV
2024	1	59573	Solar Star Prime 3, LLC	IPP	Amazon Bakersfield 1 Solar Project	CA	65562	ABSBA	1.6	Batteries	MWH	BA
2024	1	65173	United States Solar Corporation	IPP	USS Martha Solar (CSG)	MN	66477	USMAS	1.0	Solar Photovoltaic	SUN	PV
2024	1	63961	White Rock Wind East, LLC	IPP	White Rock East Wind Project	OK	64341	WRE	201.5	Onshore Wind Turbine	WND	WT
2024	2	65576	AC Power 14, LLC	IPP	NY Lancaster Gunnville Rd Site 1 Solar C	NY	66528	18237	5.0	Solar Photovoltaic	SUN	PV
2024	2	65576	AC Power 14, LLC	IPP	NY Lancaster Shisler Rd Site 2 Solar CSG	NY	66529	21013	5.2	Solar Photovoltaic	SUN	PV
2024	2	65061	BPL Sol Solar LLC	IPP	BPL Sol Solar LLC	TX	64260	OCISO	100.0	Solar Photovoltaic	SUN	PV
2024	2	61717	Birch Solar	IPP	Birch Solar	SC	62185	27	2.0	Solar Photovoltaic	SUN	PV
2024	2	10559	City of La Crosse - (KS)	Electric Utility	La Crosse	KS	1297	7	2.0	All Other	OTH	IC
2024	2	66016	DG Moorman Creek, LLC	IPP	DG Moorman Creek	NY	67144	MMCK	4.4	Solar Photovoltaic	SUN	PV
2024	2	65677	Dimension Energy LLC	IPP	Prince Edward CSG LLC	VA	67139	PRINC	4.0	Solar Photovoltaic	SUN	PV
2024	2	65677	Dimension Energy LLC	IPP	White Stone Ocran Solar LLC Community So	VA	67138	WHITE	5.0	Solar Photovoltaic	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	64872	Distributed Solar Development, LLC	IPP	FFP - NY Werner CSG	NY	66829	P5650	5.0	Solar Photovoltaic	SUN	PV
2024	2	65054	Easton CSG 1 LLC	IPP	Easton CSG 1 LLC	ME	65798	ESTON	1.3	Solar Photovoltaic	SUN	PV
2024	2	66239	Entegritiy Solar EI Dorado SD, LLC	IPP	EI Dorado AR	AR	67517	63154	1.8	Solar Photovoltaic	SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Hay River (Dunn 1)	WI	66993	717	1.5	Solar Photovoltaic	SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Popple Creek (Clark 1)	WI	66995	715	2.0	Solar Photovoltaic	SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Trimbelle (Pierce Pepin)	WI	67054	705	2.0	Solar Photovoltaic	SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Walleye (Dunn 2)	WI	66994	720	1.5	Solar Photovoltaic	SUN	PV
2024	2	60025	Greenbacker Renewable Energy Corporation	IPP	Wolf River (Chipewa 1)	WI	67057	707	1.5	Solar Photovoltaic	SUN	PV
2024	2	65076	HEN Infrastructure, L.L.C.	IPP	Hamilton BESS	TX	66782	HAMIL	9.9	Batteries	MWH	BA
2024	2	63959	Horizon Hill Wind, LLC	IPP	Horizon Hill Wind Project	OK	64339	HHILL	201.5	Onshore Wind Turbine	WND	WT
2024	2	9417	Interstate Power and Light Co	Electric Utility	Cedar Rapids Community Solar	IA	67089	PV1	4.5	Solar Photovoltaic	SUN	PV
2024	2	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 2	PA	65077	PACT2	20.0	Solar Photovoltaic	SUN	PV
2024	2	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 5	PA	65080	PACT5	20.0	Solar Photovoltaic	SUN	PV
2024	2	65785	Luminace Sunbeam Development Holdings, LLC	IPP	ME Novel Lighthouse - Huggard Ave Solar	ME	66833	HUG	2.5	Solar Photovoltaic	SUN	PV
2024	2	61944	MN8 Energy LLC	IPP	NY8 - Teichos Pattersonville	NY	65840	GEN1	20.0	Solar Photovoltaic	SUN	PV
2024	2	61944	MN8 Energy LLC	IPP	Summit - Cicero	NY	66273	GEN1	5.0	Solar Photovoltaic	SUN	PV
2024	2	11479	Madison Gas & Electric Co	Electric Utility	Tyto Solar	WI	67196	1	6.0	Solar Photovoltaic	SUN	PV
2024	2	61153	Montevue Lane Solar, LLC	IPP	Fort Detrick Solar PV	MD	61552	FDSBS	6.0	Batteries	MWH	BA
2024	2	65574	NYSolar03 LLC	IPP	NY Geneseo 3240 W Lake Rd Solar	NY	66526	19372	5.0	Solar Photovoltaic	SUN	PV
2024	2	61227	Nautilus Solar Solutions	IPP	Mustang One	MD	67399	SC	1.5	Solar Photovoltaic	SUN	PV
2024	2	61227	Nautilus Solar Solutions	IPP	Sanford -NY	NY	67452	SC	4.9	Solar Photovoltaic	SUN	PV
2024	2	64358	New Market Solar	IPP	New Market Solar	OH	64853	NMS2	65.0	Solar Photovoltaic	SUN	PV
2024	2	64371	RPNY Solar 3, LLC	IPP	Slayton Settlement Road Solar CSG	NY	64867	SLYTA	5.0	Solar Photovoltaic	SUN	PV
2024	2	63639	Rocket Solar, LLC	IPP	Rocket Solar, LLC	UT	63983	RS	80.0	Solar Photovoltaic	SUN	PV
2024	2	65969	SR Marion, LLC	IPP	SR Marion, LLC	TN	67158	MARN1	1.3	Solar Photovoltaic	SUN	PV
2024	2	66541	Solar DG CA Long Beach, LLC	IPP	City of Long Beach Airport Lot A & B	CA	67994	COLBA	1.2	Solar Photovoltaic	SUN	PV
2024	2	66150	TJA-NY-11202 Ridge Rd Medina, LLC	IPP	Source Power NY III - Medina II (CSG)	NY	66259	P5646	5.0	Solar Photovoltaic	SUN	PV
2024	2	64932	Texas Solar Nova 2, LLC	IPP	Texas Solar Nova 2	TX	65660	TSN2	200.0	Solar Photovoltaic	SUN	PV
2024	2	65755	VESI 23 LLC	IPP	Justin Court Energy Storage	NJ	66758	JC1	20.0	Batteries	MWH	BA
2024	3	64904	AES Clean Energy	IPP	Westport Stone & Sand Solar (CSG)	MA	66447	WESTP	5.0	Solar Photovoltaic	SUN	PV
2024	3	61012	AES Distributed Energy	IPP	AES West Oahu Solar Hybrid	HI	64656	UHBES	12.5	Batteries	MWH	BA
2024	3	61012	AES Distributed Energy	IPP	AES West Oahu Solar Hybrid	HI	64656	UHWO	12.5	Solar Photovoltaic	SUN	PV
2024	3	64996	Arica Solar, LLC	IPP	Arica Solar	CA	65744	ARCB	136.0	Batteries	MWH	BA
2024	3	64996	Arica Solar, LLC	IPP	Arica Solar	CA	65744	ARCPV	263.0	Solar Photovoltaic	SUN	PV
2024	3	58939	Cameron Wind 1 LLC	IPP	Cameron Wind 1 LLC	TX	59118	SABAL	16.4	Batteries	MWH	BA
2024	3	64624	Cedar Creek Wind, LLC	IPP	Cedar Creek Wind, LLC	ID	65311	CDCRK	160.0	Onshore Wind Turbine	WND	WT
2024	3	3913	City of Colby - (KS)	Electric Utility	Colby City of	KS	1272	9	3.0	Petroleum Liquids	DFO	IC
2024	3	65677	Dimension Energy LLC	IPP	Visalia CSG LLC	CA	66677	VISAL	3.0	Solar Photovoltaic	SUN	PV
2024	3	6455	Duke Energy Florida, LLC	Electric Utility	Mule Creek Renewable Energy Center	FL	65501	PV1	74.9	Solar Photovoltaic	SUN	PV
2024	3	6455	Duke Energy Florida, LLC	Electric Utility	Winquepin Renewable Energy Center	FL	66553	PV1	74.9	Solar Photovoltaic	SUN	PV
2024	3	59380	Enel Green Power NA, Inc.	IPP	Ganado Solar	TX	67284	GBA	70.5	Batteries	MWH	BA
2024	3	66235	Entegritiy Solar ADC, LLC	IPP	ADC Varner	AR	67513	63612	4.9	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Big Juniper Solar	FL	65862	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Fourmile Creek	FL	65927	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Hawthorne Creek	FL	65926	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Nature Trail	FL	65924	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Pecan Tree	FL	65879	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Sambucus	FL	65864	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Sparkleberry	FL	65867	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Three Creeks	FL	65863	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Wild Quail	FL	65910	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	6452	Florida Power & Light Co	Electric Utility	Woodyard	FL	65875	1	74.5	Solar Photovoltaic	SUN	PV
2024	3	62856	Forefront Power, LLC	IPP	CA-DGS- RFP-Correctional Training Fac	CA	65524	14069	1.6	Solar Photovoltaic	SUN	PV
2024	3	62856	Forefront Power, LLC	IPP	Grossmont-Cuyamaca-Cuyamaca Col. Solar &	CA	66023	18009	1.4	Solar Photovoltaic	SUN	PV
2024	3	62856	Forefront Power, LLC	IPP	Grossmont-Cuyamaca-Cuyamaca Col. Solar &	CA	66023	19043	1.0	Batteries	MWH	BA
2024	3	63117	Gemini Solar	IPP	Gemini Solar Hybrid	NV	63352	ARBE1	690.0	Solar Photovoltaic	SUN	PV
2024	3	63117	Gemini Solar	IPP	Gemini Solar Hybrid	NV	63352	ARPV1	380.0	Batteries	MWH	BA
2024	3	63545	Golden Fields Solar III, LLC	IPP	Golden Field Solar III, LLC	CA	63859	RCBA	147.0	Batteries	MWH	BA
2024	3	65575	Grand Island Sunrise LLC	IPP	NY Grand Island 871 Whitehaven Rd Solar	NY	66527	21011	5.0	Solar Photovoltaic	SUN	PV
2024	3	60025	Greenbacker Renewable Energy Corporation	IPP	Athens Ridge	ME	66832	574	2.9	Solar Photovoltaic	SUN	PV
2024	3	60025	Greenbacker Renewable Energy Corporation	IPP	Ogema	WI	67055	706	1.4	Solar Photovoltaic	SUN	PV
2024	3	65076	HEN Infrastructure, L.L.C.	IPP	Diboll BESS	TX	66794	DIBOL	9.9	Batteries	MWH	BA
2024	3	65076	HEN Infrastructure, L.L.C.	IPP	Garden City East BESS	TX	66791	GRDNE	9.9	Batteries	MWH	BA

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	65076	HEN Infrastructure, L.L.C.	IPP	Judkins BESS	TX	66790	JUDKS	9.9	Batteries	MWH	BA
2024	3	65076	HEN Infrastructure, L.L.C.	IPP	Lufkin South BESS	TX	66789	LUFKS	9.9	Batteries	MWH	BA
2024	3	65076	HEN Infrastructure, L.L.C.	IPP	Mineral Wells East BESS	TX	66788	MNWLE	9.9	Batteries	MWH	BA
2024	3	65076	HEN Infrastructure, L.L.C.	IPP	Pauline BESS	TX	66784	PAULN	9.9	Batteries	MWH	BA
2024	3	66424	Hardy Hills Solar LLC	Electric Utility	Hardy Hills Solar Energy LLC	IN	67852	HHSPV	195.0	Solar Photovoltaic	SUN	PV
2024	3	66438	Harris Farms Inc	Industrial	Harris Farms Solar Facility	CA	67868	HF1	1.3	Solar Photovoltaic	SUN	PV
2024	3	8366	Heber Light & Power Company	Electric Utility	Heber City	UT	7111	14	2.2	Natural Gas Internal Combustion Engine	NG	IC
2024	3	65400	Horus West Virginia 1, LLC	IPP	Blake Solar Plant	WV	66276	US620	80.0	Solar Photovoltaic	SUN	PV
2024	3	9417	Interstate Power and Light Co	Electric Utility	Duane Arnold Solar I (50 MW)	IA	67140	PV1	50.0	Solar Photovoltaic	SUN	PV
2024	3	66099	Jade Meadow LLC	IPP	Jade Meadow LLC	MD	67214	JMS01	19.8	Solar Photovoltaic	SUN	PV
2024	3	62836	Navisun LLC	IPP	Acushnet MA 2 (CSG)	MA	64707	ACNT2	1.0	Solar Photovoltaic	SUN	PV
2024	3	64507	North Haven Solar One, LLC	IPP	North Haven Solar One	CT	65109	VCP11	1.6	Solar Photovoltaic	SUN	PV
2024	3	59254	NuGen Capital Management	IPP	Bristol Landfill Solar	RI	65142	BL1	5.0	Solar Photovoltaic	SUN	PV
2024	3	60584	Onyx Asset Services Group	IPP	Ellington - 277 Sadds Mill	CT	67865	10634	2.0	Solar Photovoltaic	SUN	PV
2024	3	34691	Ormat Nevada Inc	IPP	Steamboat Hills LP	NV	50654	SBSL2	3.6	Solar Photovoltaic	SUN	PV
2024	3	61298	Pine Gate Renewables	IPP	Pleasant Hill PV1	NC	63787	PHILL	20.0	Solar Photovoltaic	SUN	PV
2024	3	63359	REA Investments, LLC	IPP	Skyway Avenue Solar Farm	ME	67946	SKYWY	2.5	Solar Photovoltaic	SUN	PV
2024	3	64371	RPNY Solar 3, LLC	IPP	Slayton Settlement Road Solar CSG	NY	64867	SLYTB	2.0	Solar Photovoltaic	SUN	PV
2024	3	66163	SR Canadaville, LLC	IPP	SR Canadaville, LLC	TN	67298	CANAD	16.0	Solar Photovoltaic	SUN	PV
2024	3	63781	SR North Stonington, LLC	IPP	SR North Stonington	CT	64160	STONE	12.0	Solar Photovoltaic	SUN	PV
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Boulevard Energy Storage	CA	66279	1	10.0	Batteries	MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Clairemont Energy Storage	CA	66266	1	10.0	Batteries	MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Elliott Energy Storage	CA	66278	1	10.0	Batteries	MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Melrose BESS	CA	66281	1	10.0	Batteries	MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Melrose BESS	CA	66281	2	10.0	Batteries	MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Pala Gomez Creek BESS	CA	66280	1	10.0	Batteries	MWH	BA
2024	3	16609	San Diego Gas & Electric Co	Electric Utility	Paradise Energy Storage	CA	66265	1	10.0	Batteries	MWH	BA
2024	3	64994	SolRiver Capital LLC	IPP	Auburn Solar LLC (CSG)	OR	66378	PV1	2.9	Solar Photovoltaic	SUN	PV
2024	3	64994	SolRiver Capital LLC	IPP	Gray Fox Solar LLC	NC	66377	PV1	5.0	Solar Photovoltaic	SUN	PV
2024	3	64994	SolRiver Capital LLC	IPP	Harding Solar, LLC	NC	67053	PV1	3.0	Solar Photovoltaic	SUN	PV
2024	3	64994	SolRiver Capital LLC	IPP	Sheridan Solar LLC (CSG)	OR	66354	PV1	3.0	Solar Photovoltaic	SUN	PV
2024	3	64994	SolRiver Capital LLC	IPP	Sunflower Solar LLC	SC	67051	PV1	10.0	Solar Photovoltaic	SUN	PV
2024	3	64994	SolRiver Capital LLC	IPP	Washington Solar	NC	60948	PV1	5.0	Solar Photovoltaic	SUN	PV
2024	3	64994	SolRiver Capital LLC	IPP	Whitehall Solar LLC	SC	67052	PV1	2.0	Solar Photovoltaic	SUN	PV
2024	3	65426	St. Gall Energy Storage I	IPP	St. Gall Energy Storage I	TX	66336	SGES1	100.0	Batteries	MWH	BA
2024	3	60531	Standard Solar	IPP	Hall Property	MD	67486	HALLP	2.0	Solar Photovoltaic	SUN	PV
2024	3	64995	Victory Pass I, LLC	IPP	Victory Pass	CA	65743	VCTBTA	50.0	Batteries	MWH	BA
2024	3	64995	Victory Pass I, LLC	IPP	Victory Pass	CA	65743	VCTPV	200.0	Solar Photovoltaic	SUN	PV
2024	3	65014	Waco Solar, LLC	IPP	Waco Solar	TX	65762	SWACO	400.0	Solar Photovoltaic	SUN	PV
2024	4	64904	AES Clean Energy	IPP	Chevelon Butte Phase 2	AZ	67176	CHVB2	216.0	Onshore Wind Turbine	WND	WT
2024	4	64904	AES Clean Energy	IPP	Delta Wind Farm (MS)	MS	66000	DLTA	184.5	Onshore Wind Turbine	WND	WT
2024	4	64484	ASA DeKalb NY Solar III LLC	IPP	ASA DeKalb NY Solar III LLC	NY	65067	DEK3	3.3	Solar Photovoltaic	SUN	PV
2024	4	64516	Azimuth 180 Solar Electric, LLC	IPP	Grinnell College	IA	65164	GRIN	3.9	Solar Photovoltaic	SUN	PV
2024	4	63784	Azure Sky Wind Project, LLC	IPP	Azure Sky Wind Project, LLC Hybrid	TX	64164	ASWBE	120.0	Batteries	MWH	BA
2024	4	66331	Birch Creek Power, LLC	IPP	Earp Solar, LLC	IL	66631	PV	35.0	Solar Photovoltaic	SUN	PV
2024	4	65211	Blackwater Solar, LLC	IPP	Blackwater Solar	GA	66025	GA-02	80.0	Solar Photovoltaic	SUN	PV
2024	4	65591	Cane Creek Solar, LLC	IPP	Cane Creek	MS	66543	PGRCC	78.5	Solar Photovoltaic	SUN	PV
2024	4	64307	Castle Solar, LLC	IPP	Castle Solar, LLC	UT	64740	CS	40.0	Solar Photovoltaic	SUN	PV
2024	4	65513	Catalyze Mira Loma 3251 De Forest Circle Microgrid LLC	IPP	CA Jurupa Valley 3251 De Forest Circle	CA	66476	18268	4.5	Solar Photovoltaic	SUN	PV
2024	4	4254	Consumers Energy Co - (MI)	Electric Utility	Heartland Farms	MI	66192	65014	200.0	Onshore Wind Turbine	WND	WT
2024	4	61060	Cypress Creek Renewables	IPP	Zier Solar	TX	66137	11023	40.4	Batteries	MWH	BA
2024	4	61060	Cypress Creek Renewables	IPP	Zier Solar	TX	66137	41195	160.0	Solar Photovoltaic	SUN	PV
2024	4	65677	Dimension Energy LLC	IPP	Augusta CSG, LLC	VA	67529	AUGUS	2.9	Solar Photovoltaic	SUN	PV
2024	4	65677	Dimension Energy LLC	IPP	Suffolk CSG, LLC	VA	67531	SUFFO	3.8	Solar Photovoltaic	SUN	PV
2024	4	65677	Dimension Energy LLC	IPP	Waynesboro Bridge Solar, LLC Community S	VA	67530	WAYNE	5.0	Solar Photovoltaic	SUN	PV
2024	4	65660	Enchanted Rock	IPP	ERock MID Claribel Generation Station	CA	67380	MID	48.0	Natural Gas Internal Combustion Engine	NG	IC
2024	4	64458	Enfield Solar One, LLC	IPP	Enfield Solar One	CT	65047	VCP07	4.0	Solar Photovoltaic	SUN	PV
2024	4	66147	FFP NY Goshen Project1, LLC	IPP	FFP - NY Urbanski	NY	67281	5653	4.4	Solar Photovoltaic	SUN	PV
2024	4	66148	FFP NY Goshen Project2, LLC	IPP	FFP - NY Varano	NY	67282	5654	5.0	Solar Photovoltaic	SUN	PV
2024	4	65226	FGE Goodnight I, LLC	IPP	Goodnight	TX	59246	GOOD1	265.5	Onshore Wind Turbine	WND	WT
2024	4	62856	Forefront Power, LLC	IPP	CA-DGS-California Correctional Inst	CA	65105	15111	4.0	Solar Photovoltaic	SUN	PV
2024	4	66049	Foxhound Solar, LLC	IPP	Foxhound	VA	67171	F2024	83.0	Solar Photovoltaic	SUN	PV
2024	4	61194	Generate Capital	IPP	Barone	NY	67613	11034	3.0	Solar Photovoltaic	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	7140	Georgia Power Co	Electric Utility	Vogle	GA	649	4	1,114.0	Nuclear	NUC	ST
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Hecate Energy Albany 2 LLC	NY	66126	292	20.0	Solar Photovoltaic	SUN	PV
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Oaks Landfill - ANEM	MD	67180	882	2.5	Solar Photovoltaic	SUN	PV
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Oaks Landfill CS 1	MD	67508	883	2.0	Solar Photovoltaic	SUN	PV
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Oaks Landfill CS 2	MD	67690	884	2.0	Solar Photovoltaic	SUN	PV
2024	4	60025	Greenbacker Renewable Energy Corporation	IPP	Smithfield 1	UT	66144	523	5.0	Solar Photovoltaic	SUN	PV
2024	4	65076	HEN Infrastructure, L.L.C.	IPP	Farmersville (TX)	TX	65812	FRMVL	9.9	Batteries	MWH	BA
2024	4	65783	Hayhurst Texas Solar	IPP	Hayhurst Texas Solar	TX	66880	HHTX	24.8	Solar Photovoltaic	SUN	PV
2024	4	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 6	PA	65081	PACT6	20.0	Solar Photovoltaic	SUN	PV
2024	4	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 8	PA	65082	PACT8	20.0	Solar Photovoltaic	SUN	PV
2024	4	12303	Merck & Co Inc-West Point	Industrial	West Point (PA)	PA	52149	GEN19	1.0	Natural Gas Internal Combustion Engine	NG	IC
2024	4	65344	Misenheimer Solar LLC	IPP	Misenheimer Solar LLC	NC	66237	GEN01	74.4	Solar Photovoltaic	SUN	PV
2024	4	61227	Nautilus Solar Solutions	IPP	Lion One	MD	67392	SC	2.0	Solar Photovoltaic	SUN	PV
2024	4	61227	Nautilus Solar Solutions	IPP	Parker Place	MD	67439	SC	2.0	Solar Photovoltaic	SUN	PV
2024	4	61227	Nautilus Solar Solutions	IPP	Pivot Solar 10	CO	67446	SC	1.7	Solar Photovoltaic	SUN	PV
2024	4	61227	Nautilus Solar Solutions	IPP	Pivot Solar 9	CO	67441	SC	1.7	Solar Photovoltaic	SUN	PV
2024	4	61227	Nautilus Solar Solutions	IPP	Ten Oaks	MD	67334	SC	2.0	Solar Photovoltaic	SUN	PV
2024	4	49896	Nevada Gold Energy, LLC	IPP	TS Power Plant	NV	56224	SOL1	100.0	Solar Photovoltaic	SUN	PV
2024	4	63216	North Valley	IPP	North Valley	NV	63491	NVSOL	5.5	Solar Photovoltaic	SUN	PV
2024	4	65394	Proxima Solar, LLC	IPP	Proxima	CA	66270	PRXBS	162.0	Batteries	MWH	BA
2024	4	63359	REA Investments, LLC	IPP	Canton GLC Solar, LLC	ME	67921	CANTN	3.0	Solar Photovoltaic	SUN	PV
2024	4	64177	Ranchland Wind Project I, LLC	IPP	Ranchland Wind Project I	TX	64551	WT2	114.9	Onshore Wind Turbine	WND	WT
2024	4	64178	Ranchland Wind Project II, LLC	IPP	Ranchland Wind Project II	TX	64544	WT2	148.0	Onshore Wind Turbine	WND	WT
2024	4	64179	Ranchland Wind Storage, LLC	IPP	Ranchland Wind Storage	TX	64545	BA	73.0	Batteries	MWH	BA
2024	4	65781	Sky Ranch Solar and Storage	IPP	Sky Ranch Solar	NM	66814	SKYBA	50.0	Batteries	MWH	BA
2024	4	65781	Sky Ranch Solar and Storage	IPP	Sky Ranch Solar	NM	66814	SKYPV	190.0	Solar Photovoltaic	SUN	PV
2024	4	17650	Southern Power Co	IPP	South Cheyenne Solar	WY	67147	SCHY	150.0	Solar Photovoltaic	SUN	PV
2024	4	63515	Sparta Solar, LLC	IPP	Sparta Solar	TX	63840	1111	250.0	Solar Photovoltaic	SUN	PV
2024	4	65625	Sunlight Storage II	IPP	Sunlight Storage II	CA	66575	SUNS2	230.0	Batteries	MWH	BA
2024	4	61862	Thomas Solar	IPP	Thomas Solar	SC	62352	81	2.0	Solar Photovoltaic	SUN	PV
2024	5	64904	AES Clean Energy	IPP	Baldy Mesa Solar & Storage	CA	66598	BDMSS	75.0	Batteries	MWH	BA
2024	5	64904	AES Clean Energy	IPP	Baldy Mesa Solar & Storage	CA	66598	BLDMS	150.0	Solar Photovoltaic	SUN	PV
2024	5	64904	AES Clean Energy	IPP	Raceway Solar & Storage	CA	66773	RCWYB	80.0	Batteries	MWH	BA
2024	5	64904	AES Clean Energy	IPP	Raceway Solar & Storage	CA	66773	RCWYS	125.0	Solar Photovoltaic	SUN	PV
2024	5	61012	AES Distributed Energy	IPP	AES Maui Kuihelani Solar Hybrid	HI	64256	KLNIB	60.0	Batteries	MWH	BA
2024	5	61012	AES Distributed Energy	IPP	AES Maui Kuihelani Solar Hybrid	HI	64256	KULNI	60.0	Solar Photovoltaic	SUN	PV
2024	5	61012	AES Distributed Energy	IPP	Platteview Solar LLC	NE	65334	PLTVV	81.0	Solar Photovoltaic	SUN	PV
2024	5	64530	ASA Gouverneur NY Solar II LLC	IPP	ASA Gouverneur NY Solar II LLC	NY	65158	GOV2	4.0	Solar Photovoltaic	SUN	PV
2024	5	65271	Blue Elk II Solar, LLC	IPP	Blue Elk II Solar, LLC	MI	66105	BEII	20.0	Solar Photovoltaic	SUN	PV
2024	5	65937	CPV Stagecoach Solar, LLC	IPP	CPV Stagecoach Solar	GA	67021	SC1	80.0	Solar Photovoltaic	SUN	PV
2024	5	66065	CTMW Solar, LLC	Commercial	Tejon Castac Water District Solar	CA	67365	17180	1.3	Solar Photovoltaic	SUN	PV
2024	5	66219	Cavalry Energy Center LLC	Electric Utility	Cavalry Solar Hybrid	IN	67489	CAVBS	45.0	Batteries	MWH	BA
2024	5	66219	Cavalry Energy Center LLC	Electric Utility	Cavalry Solar Hybrid	IN	67489	CAVPV	200.0	Solar Photovoltaic	SUN	PV
2024	5	65397	Condor Energy Storage LLC	IPP	Condor Energy Storage LLC	CA	66285	COND1	200.0	Batteries	MWH	BA
2024	5	65315	Crooked Lake Solar, LLC	IPP	Crooked Lake Solar, LLC	AR	66185	GEN1	175.0	Solar Photovoltaic	SUN	PV
2024	5	65793	DG Empire Lumen 2023, LLC	IPP	NY Sorrell Hill II CSG	NY	66856	NGSH2	5.0	Solar Photovoltaic	SUN	PV
2024	5	66349	DG Harlem, LLC	IPP	DG Harlem Solar	IL	67751	HM701	2.0	Solar Photovoltaic	SUN	PV
2024	5	66743	DG Sand Prairie, LLC	IPP	Sand Prairie Solar	IL	68336	SP842	2.0	Solar Photovoltaic	SUN	PV
2024	5	65677	Dimension Energy LLC	IPP	Fairfield Lee Solar, LLC Community Solar	VA	67532	FAIRF	5.0	Solar Photovoltaic	SUN	PV
2024	5	65411	Duke Energy Renewables Services	IPP	Wildflower Solar, LLC (MS)	MS	66369	WDFL	100.0	Solar Photovoltaic	SUN	PV
2024	5	65018	East Point Energy Center, LLC	IPP	East Point Energy Center, LLC	NY	65805	EP01	50.0	Solar Photovoltaic	SUN	PV
2024	5	64306	Elektron Solar, LLC	IPP	Elektron Solar, LLC	UT	64739	ELKS	80.0	Solar Photovoltaic	SUN	PV
2024	5	65660	Enchanted Rock	IPP	Enchanted Rock Turlock Irrigation Distri	CA	66680	UNIT1	11.7	Natural Gas Internal Combustion Engine	NG	IC
2024	5	65660	Enchanted Rock	IPP	Enchanted Rock Turlock Irrigation Distri	CA	66680	UNIT2	11.7	Natural Gas Internal Combustion Engine	NG	IC
2024	5	65660	Enchanted Rock	IPP	Enchanted Rock Turlock Irrigation Distri	CA	66680	UNIT3	11.7	Natural Gas Internal Combustion Engine	NG	IC
2024	5	65660	Enchanted Rock	IPP	Enchanted Rock Turlock Irrigation Distri	CA	66680	UNIT4	11.7	Natural Gas Internal Combustion Engine	NG	IC
2024	5	66147	FFP NY Goshen Project1, LLC	IPP	FFP - NY Urbanski	NY	67281	5653B	5.2	Batteries	MWH	BA
2024	5	66148	FFP NY Goshen Project2, LLC	IPP	FFP - NY Varano	NY	67282	5654B	5.0	Batteries	MWH	BA
2024	5	66071	Franklin Solar Idaho	IPP	Franklin Solar Hybrid	ID	67190	FRKLN	100.0	Solar Photovoltaic	SUN	PV
2024	5	61194	Generate Capital	IPP	Cedarville (IL)	IL	67554	11069	2.0	Solar Photovoltaic	SUN	PV
2024	5	61194	Generate Capital	IPP	County Route 11B	NY	67631	10983	4.9	Solar Photovoltaic	SUN	PV
2024	5	63841	Hadley 3 Solar, LLC (North)	IPP	Hadley 3 Solar (North)	MA	64231	09170	1.0	Batteries	MWH	BA
2024	5	62153	Hecate Energy Highland LLC	IPP	Hecate Energy Highland LLC	OH	62670	HIGHL	300.0	Solar Photovoltaic	SUN	PV

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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	63638	Horseshoe Solar, LLC	IPP	Horseshoe Solar, LLC	UT	63984	HSS	75.0	Solar Photovoltaic	SUN	PV
2024	5	9417	Interstate Power and Light Co	Electric Utility	Fareway Customer Hosted 1 MW Solar	IA	67096	PV1	1.0	Solar Photovoltaic	SUN	PV
2024	5	9417	Interstate Power and Light Co	Electric Utility	ISU Customer Hosted 1MW Solar Project	IA	67098	PV1	1.4	Solar Photovoltaic	SUN	PV
2024	5	65006	Linkville Solar, LLC	IPP	Linkville Solar (CSG)	OR	65749	LS22	2.8	Solar Photovoltaic	SUN	PV
2024	5	56990	NJR Clean Energy Ventures Corporation	IPP	Love Lane Solar	NJ	65486	LOVLN	1.8	Solar Photovoltaic	SUN	PV
2024	5	65770	NY USLE Copenhagen CR194 LLC	IPP	Copenhagen Solar	NY	66817	COPE	4.3	Solar Photovoltaic	SUN	PV
2024	5	13407	Nevada Power Co	Electric Utility	Dry Lake Solar Energy Center	NV	63933	DLES1	100.0	Batteries	MWH	BA
2024	5	13407	Nevada Power Co	Electric Utility	Dry Lake Solar Energy Center	NV	63933	DLPV1	150.0	Solar Photovoltaic	SUN	PV
2024	5	65796	North Fork Solar Project, LLC	IPP	North Fork Solar Project	OK	66866	NFORK	120.0	Solar Photovoltaic	SUN	PV
2024	5	64582	OE_MS6	IPP	OE_MS6	MS	65291	MS6_S	50.0	Batteries	MWH	BA
2024	5	64582	OE_MS6	IPP	OE_MS6	MS	65291	OEMS6	150.0	Solar Photovoltaic	SUN	PV
2024	5	64743	PPM Solar LLC	IPP	Fredonia Solar (KS)	KS	66570	FS1	2.0	Solar Photovoltaic	SUN	PV
2024	5	64743	PPM Solar LLC	IPP	Highpeak Solar 1	TX	66572	HPKS1	10.0	Solar Photovoltaic	SUN	PV
2024	5	65539	Pivot Energy	IPP	Kankakee Solar 1	IL	68059	KANK1	2.0	Solar Photovoltaic	SUN	PV
2024	5	65539	Pivot Energy	IPP	Marion Solar 4b LLC	IL	68049	MS4B	2.0	Solar Photovoltaic	SUN	PV
2024	5	65539	Pivot Energy	IPP	Putnam Solar 1	IL	68050	PUT1	2.0	Solar Photovoltaic	SUN	PV
2024	5	16534	Sacramento Municipal Util Dist	Electric Utility	Solano Wind	CA	7526	4	85.5	Onshore Wind Turbine	WND	WT
2024	5	65418	Sierra Estrella Energy Storage, LLC	IPP	Sierra Estrella Energy Storage	AZ	66334	BESS3	250.0	Batteries	MWH	BA
2024	5	66353	Solar DG IL 2, LLC	IPP	Plote Somonauk	IL	67753	PV1	2.0	Solar Photovoltaic	SUN	PV
2024	5	66267	Solar DG IL 4, LLC	IPP	Whiskey Acres	IL	67720	PV1	2.0	Solar Photovoltaic	SUN	PV
2024	5	66268	Solar DG IL 5, LLC	IPP	Bourbonnais	IL	67569	PV1	1.7	Solar Photovoltaic	SUN	PV
2024	5	66050	Solar Star Prime 4 LLC	IPP	Amazon SAN3 Solar Project	CA	67170	ASBA	2.4	Batteries	MWH	BA
2024	5	66050	Solar Star Prime 4 LLC	IPP	Amazon SAN3 Solar Project	CA	67170	ASSP	4.6	Solar Photovoltaic	SUN	PV
2024	5	56826	Texas Medical Center Central	Commercial	TECO CHP-1	TX	57504	GTG2	50.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	5	65123	Tres Bahias Solar Power, LLC	IPP	Tres Bahias	TX	65947	TB	196.3	Solar Photovoltaic	SUN	PV
2024	5	19499	United Power, Inc	Electric Utility	Keenesburg Battery Storage	CO	67306	KEEBA	11.8	Batteries	MWH	BA
2024	5	19499	United Power, Inc	Electric Utility	Mead Battery Storage	CO	67303	MEABA	7.8	Batteries	MWH	BA
2024	5	19499	United Power, Inc	Electric Utility	Parkway Battery Storage	CO	67301	PKWBA	7.8	Batteries	MWH	BA
2024	5	19499	United Power, Inc	Electric Utility	Rattlesnake Ridge Battery Storage	CO	67300	RATBA	11.8	Batteries	MWH	BA
2024	5	65173	United States Solar Corporation	IPP	Spring Prairie Solar LLC CSG	MN	66972	SPRPR	1.0	Solar Photovoltaic	SUN	PV
2024	5	65173	United States Solar Corporation	IPP	USS Fruita Solar LLC CSG	CO	66432	USGBS	2.0	Solar Photovoltaic	SUN	PV
2024	5	64966	Vikings Energy Farm, LLC	IPP	Vikings Energy Farm	CA	65711	GEN2	150.0	Batteries	MWH	BA
2024	5	20856	Wisconsin Power & Light Co	Electric Utility	Grant County	WI	65007	PV1	200.0	Solar Photovoltaic	SUN	PV
2024	5	65968	Yellow Pine Solar II, LLC	IPP	Yellow Pine II	NV	67091	YP2AB	53.0	Batteries	MWH	BA
2024	5	65968	Yellow Pine Solar II, LLC	IPP	Yellow Pine II	NV	67091	YP2AP	60.0	Solar Photovoltaic	SUN	PV
2024	5	65968	Yellow Pine Solar II, LLC	IPP	Yellow Pine II	NV	67091	YP2BB	32.0	Batteries	MWH	BA
2024	6	66410	127 CVF, LLC	IPP	Costa View Farms	CA	67835	64544	10.0	Solar Photovoltaic	SUN	PV
2024	6	64904	AES Clean Energy	IPP	Cannonball Solar (CSG)	MD	66867	CBALL	2.0	Solar Photovoltaic	SUN	PV
2024	6	64904	AES Clean Energy	IPP	Cavalier Solar	VA	67420	CAVPV	155.6	Solar Photovoltaic	SUN	PV
2024	6	64529	ASA Gouverneur NY Solar I LLC	IPP	ASA Gouverneur NY Solar I LLC	NY	65157	GOV1	1.5	Solar Photovoltaic	SUN	PV
2024	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Mifflinburg PA BTM	PA	66452	PB1	2.7	Petroleum Liquids	DFO	IC
2024	6	40577	American Mun Power-Ohio, Inc	Electric Utility	Mifflinburg PA BTM	PA	66452	PB2	2.7	Petroleum Liquids	DFO	IC
2024	6	66110	Anemoi Energy Storage, LLC	IPP	Anemoi Energy Storage	TX	67236	ANEM1	200.0	Batteries	MWH	BA
2024	6	796	Arizona Electric Pwr Coop Inc	Electric Utility	Mesquite Solar	AZ	60964	AEPB1	10.0	Batteries	MWH	BA
2024	6	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	7	3.0	Petroleum Liquids	DFO	IC
2024	6	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	8	3.0	Petroleum Liquids	DFO	IC
2024	6	20141	City of Washington - (KS)	Electric Utility	Washington	KS	1329	10	2.0	Natural Gas Internal Combustion Engine	NG	IC
2024	6	20141	City of Washington - (KS)	Electric Utility	Washington	KS	1329	9	2.0	Natural Gas Internal Combustion Engine	NG	IC
2024	6	65965	Crow Creek Solar, LLC	IPP	Paulsell	CA	67092	PSLBA	15.0	Batteries	MWH	BA
2024	6	65965	Crow Creek Solar, LLC	IPP	Paulsell	CA	67092	PSLPV	20.0	Solar Photovoltaic	SUN	PV
2024	6	65677	Dimension Energy LLC	IPP	Halifax CSG LLC	VA	67933	HALIF	3.1	Solar Photovoltaic	SUN	PV
2024	6	6455	Duke Energy Florida, LLC	Electric Utility	Falmouth Renewable Energy Center	FL	66639	PV1	74.9	Solar Photovoltaic	SUN	PV
2024	6	3046	Duke Energy Progress - (NC)	Electric Utility	Woodfin Solar	NC	64882	PV1	5.0	Solar Photovoltaic	SUN	PV
2024	6	61785	EDP Renewables North America LLC	IPP	Scarlet Solar (CA)	CA	64908	GEN01	200.0	Solar Photovoltaic	SUN	PV
2024	6	61785	EDP Renewables North America LLC	IPP	Scarlet Solar (CA)	CA	64908	GEN02	40.0	Batteries	MWH	BA
2024	6	66111	Ebony Energy Storage, LLC	IPP	Ebony Energy Storage	TX	67237	EBON1	200.0	Batteries	MWH	BA
2024	6	65368	Eleven Mile Solar Center, LLC	IPP	Eleven Mile Solar Center	AZ	66263	1111	300.0	Solar Photovoltaic	SUN	PV
2024	6	65368	Eleven Mile Solar Center, LLC	IPP	Eleven Mile Solar Center	AZ	66263	2222	300.0	Batteries	MWH	BA
2024	6	66282	Frankfort Solar Farm LLC	IPP	Ny Frankfort Bleecker St - Frankfort -NG	NY	67585	21015	4.0	Solar Photovoltaic	SUN	PV
2024	6	65720	Fresno Community Solar Developers, LLC	IPP	Fresno Community Solar	CA	66715	FREPV	10.0	Solar Photovoltaic	SUN	PV
2024	6	61194	Generate Capital	IPP	Trenton East	IL	67626	11060	2.0	Solar Photovoltaic	SUN	PV
2024	6	61194	Generate Capital	IPP	Trenton West	IL	67627	11061	2.0	Solar Photovoltaic	SUN	PV
2024	6	65218	Glover Creek Solar, LLC	IPP	Glover Creek Solar, LLC	KY	66047	GLOVE	55.0	Solar Photovoltaic	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	65076	HEN Infrastructure, L.L.C.	IPP	Mainland	TX	67494	MLNDB	9.9	Batteries	MWH	BA
2024	6	65076	HEN Infrastructure, L.L.C.	IPP	Weil Tract BESS	TX	66783	WEILT	9.9	Batteries	MWH	BA
2024	6	63837	Hecate Energy Frye Solar LLC	IPP	Hecate Energy Frye Solar LLC	TX	64233	80995	500.0	Solar Photovoltaic	SUN	PV
2024	6	65953	Heimlich Solar Partners LLC	IPP	Heimlich Solar	DE	67074	METER	4.3	Solar Photovoltaic	SUN	PV
2024	6	66199	Hopkins Energy LLC	IPP	Hopkins Energy LLC	TX	67424	HOPKS	250.0	Solar Photovoltaic	SUN	PV
2024	6	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 1	PA	65076	PACT1	20.0	Solar Photovoltaic	SUN	PV
2024	6	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Honeysuckle Solar Farm	IN	65936	INHS1	150.0	Solar Photovoltaic	SUN	PV
2024	6	64925	MA CS Dighton, LLC	IPP	MA-Dighton-A	MA	65646	MADIG	3.8	Solar Photovoltaic	SUN	PV
2024	6	65956	ME Sandy River LLC	IPP	15 Glen Harris RD	ME	67032	20261	3.6	Solar Photovoltaic	SUN	PV
2024	6	66119	Mesa Wind Repower	IPP	Mesa Wind Repower	CA	67247	MESA	30.0	Onshore Wind Turbine	WND	WT
2024	6	66290	NSF Energy One LLC	IPP	NSF Aurelius Site 1 LLC	NY	67592	PV1	5.0	Solar Photovoltaic	SUN	PV
2024	6	66290	NSF Energy One LLC	IPP	NSF Aurelius Site 2, LLC	NY	67593	PV1	5.0	Solar Photovoltaic	SUN	PV
2024	6	66290	NSF Energy One LLC	IPP	NSF Aurelius Site 3 LLC	NY	67594	PV1	5.0	Solar Photovoltaic	SUN	PV
2024	6	66290	NSF Energy One LLC	IPP	NSF Aurelius Site 4 LLC	NY	67595	PV1	4.9	Solar Photovoltaic	SUN	PV
2024	6	62759	National Grid Renewables	IPP	Wild Springs	SD	67018	WLDSP	128.0	Solar Photovoltaic	SUN	PV
2024	6	61227	Nautilus Solar Solutions	IPP	Peterboro (CSG)	NY	67440	SC	4.0	Solar Photovoltaic	SUN	PV
2024	6	65550	Nova Power, LLC	IPP	Menifee Power Bank	CA	66494	NOVA1	230.0	Batteries	MWH	BA
2024	6	65816	OE_ESCL	IPP	OE_ESCL	NM	66888	OESCL	200.0	Solar Photovoltaic	SUN	PV
2024	6	34691	Ormat Nevada Inc	IPP	Beowawe	NV	10287	OEC1	10.0	Geothermal	GEO	BT
2024	6	34691	Ormat Nevada Inc	IPP	Beowawe	NV	10287	OEC2	10.0	Geothermal	GEO	BT
2024	6	65539	Pivot Energy	IPP	Putnam Solar 1B	IL	68051	PUT1B	2.0	Solar Photovoltaic	SUN	PV
2024	6	65539	Pivot Energy	IPP	St. Clair Solar 3	IL	68232	STCL3	2.0	Solar Photovoltaic	SUN	PV
2024	6	63082	ProEnergy Services	IPP	Remy Jade Power Station	TX	66604	CTG-1	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	63082	ProEnergy Services	IPP	Remy Jade Power Station	TX	66604	CTG-2	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	63082	ProEnergy Services	IPP	Remy Jade Power Station	TX	66604	CTG-3	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	63082	ProEnergy Services	IPP	Remy Jade Power Station	TX	66604	CTG-4	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	63082	ProEnergy Services	IPP	Remy Jade Power Station	TX	66604	CTG-5	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	63082	ProEnergy Services	IPP	Remy Jade Power Station	TX	66604	CTG-6	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	65394	Proxima Solar, LLC	IPP	Proxima	CA	66270	PRXMA	190.0	Solar Photovoltaic	SUN	PV
2024	6	66212	RA Jones	IPP	RA Jones Roof Mounted Solar System	KY	67473	RAJPV	1.3	Solar Photovoltaic	SUN	PV
2024	6	65951	Randolf Solar Partners LLC	IPP	Randolf Solar	VA	67028	METER	2.6	Solar Photovoltaic	SUN	PV
2024	6	64698	Renewable Solar, Inc	Industrial	River Ranch Dairy	CA	67603	18821	4.0	Solar Photovoltaic	SUN	PV
2024	6	64698	Renewable Solar, Inc	Industrial	Zonneveld Oak Grove	CA	67602	17444	1.5	Solar Photovoltaic	SUN	PV
2024	6	16572	Salt River Project	Electric Utility	Copper Crossing Energy and Research Cent	AZ	58413	CXGT1	47.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	16572	Salt River Project	Electric Utility	Copper Crossing Energy and Research Cent	AZ	58413	CXGT2	47.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	60531	Standard Solar	IPP	CUA West Campus - North (CSG)	DC	67709	CUAWN	3.0	Solar Photovoltaic	SUN	PV
2024	6	60531	Standard Solar	IPP	CUA West Campus - South (CSG)	DC	67707	CUAWS	2.8	Solar Photovoltaic	SUN	PV
2024	6	60531	Standard Solar	IPP	EDF Saucon Valley	DC	67708	EDFSV	2.6	Solar Photovoltaic	SUN	PV
2024	6	65380	Steel Solar, LLC	IPP	Steel Solar LLC	UT	66267	SS8	80.0	Solar Photovoltaic	SUN	PV
2024	6	66151	Sun Streams PVS, LLC	IPP	Sun Streams 3	AZ	67285	GEN01	215.0	Solar Photovoltaic	SUN	PV
2024	6	66151	Sun Streams PVS, LLC	IPP	Sun Streams 3	AZ	67285	GEN02	215.0	Batteries	MWH	BA
2024	6	65209	TPE RI WA1, LLC	IPP	TPE RI WA1 Solar	RI	66045	70825	3.5	Solar Photovoltaic	SUN	PV
2024	6	65208	TPE RI WA2, LLC	IPP	TPE RI WA2 Solar	RI	66044	70824	3.4	Solar Photovoltaic	SUN	PV
2024	6	19499	United Power, Inc	Electric Utility	Bromley Battery Storage	CO	67305	BROBA	11.8	Batteries	MWH	BA
2024	7	64532	ASA Clayton NY Solar I LLC	IPP	ASA Clayton NY Solar I LLC	NY	65161	CLA1	1.3	Solar Photovoltaic	SUN	PV
2024	7	221	Alaska Village Elec Coop, Inc	Electric Utility	Bethel	AK	6566	7A	0.3	Petroleum Liquids	DFO	IC
2024	7	65280	Babbitt Ranch Energy Center, LLC	IPP	Babbitt Ranch Energy Center	AZ	66110	BREC1	163.0	Onshore Wind Turbine	WND	WT
2024	7	65674	Bear Canyon Energy Storage	IPP	Bear Canyon	CA	66650	BC1	13.0	Batteries	MWH	BA
2024	7	65949	Bravo REC Management LLC	Industrial	Dixie Creek Dairy Solar	CA	67820	DXCRK	2.9	Solar Photovoltaic	SUN	PV
2024	7	65949	Bravo REC Management LLC	Industrial	Open Sky Ranch Inc	CA	67793	OPSKY	1.7	Solar Photovoltaic	SUN	PV
2024	7	66200	Century Oak Wind Project, LLC	IPP	Century Oak Wind Project, LLC	TX	67425	COAKW	151.5	Onshore Wind Turbine	WND	WT
2024	7	17845	City of Springville - (UT)	Electric Utility	Whitehead	UT	7028	K3CAT	2.5	Natural Gas Internal Combustion Engine	NG	IC
2024	7	17845	City of Springville - (UT)	Electric Utility	Whitehead	UT	7028	K4CAT	2.5	Natural Gas Internal Combustion Engine	NG	IC
2024	7	17845	City of Springville - (UT)	Electric Utility	Whitehead	UT	7028	K5CAT	2.5	Natural Gas Internal Combustion Engine	NG	IC
2024	7	65361	Cutlass II Solar LLC	IPP	Cutlass Solar II	TX	66262	SAREN	200.0	Solar Photovoltaic	SUN	PV
2024	7	65960	DG Empire Sun, LLC	IPP	NY Avon I CSG	NY	67045	AVON1	5.0	Solar Photovoltaic	SUN	PV
2024	7	66285	DSI Don Solar LLC	IPP	DSI Don Solar	MN	67588	DSID	1.0	Solar Photovoltaic	SUN	PV
2024	7	64872	Distributed Solar Development, LLC	IPP	FFP - NY Burch CSG	NY	66827	P5651	2.5	Solar Photovoltaic	SUN	PV
2024	7	58468	Dominion Renewable Energy	Electric Utility	Springfield Solar	VA	65317	SPRG	2.0	Solar Photovoltaic	SUN	PV
2024	7	65502	Five Wells Solar Center, LLC	IPP	Five Wells Solar Center - Hybrid	TX	66420	FWBAT	259.0	Batteries	MWH	BA
2024	7	7140	Georgia Power Co	Electric Utility	McIntosh Solar	GA	67864	1	10.0	Solar Photovoltaic	SUN	PV
2024	7	60025	Greenbacker Renewable Energy Corporation	IPP	Holtville	CA	67695	823	30.0	Batteries	MWH	BA
2024	7	9417	Interstate Power and Light Co	Electric Utility	Hy-Vee Customer Hosted 2.25MW Solar	IA	67097	PV1	2.3	Solar Photovoltaic	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	7	9417	Interstate Power and Light Co	Electric Utility	Perry Customer Hosted 1MW Solar Project	IA	67099	PV1	1.0	Solar Photovoltaic	SUN	PV
2024	7	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Oxbow Solar 1	LA	65030	LAVE1	300.0	Solar Photovoltaic	SUN	PV
2024	7	65043	Madison Energy Investments LLC	IPP	North Kern 2	CA	68220	NK2PV	2.5	Solar Photovoltaic	SUN	PV
2024	7	11806	Massachusetts Mun Wholes Electric Co	Electric Utility	MMWEC Simple Cycle Gas Turbine	MA	63559	GT1	57.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	7	12303	Merck & Co Inc-West Point	Industrial	West Point (PA)	PA	52149	GEN20	2.0	Natural Gas Internal Combustion Engine	NG	IC
2024	7	12199	Montana-Dakota Utilities Co	Electric Utility	R M Heskett	ND	2790	4	88.4	Natural Gas Fired Combustion Turbine	NG	GT
2024	7	13407	Nevada Power Co	Electric Utility	Silverhawk	NV	55841	CT3	222.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	7	13407	Nevada Power Co	Electric Utility	Silverhawk	NV	55841	CT4	222.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS01	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS02	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS03	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS04	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS05	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS06	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS07	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS08	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS09	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS10	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS11	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS12	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS13	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS14	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS15	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS16	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS17	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	56815	NorthWestern Energy (MT wind/thermal)	Electric Utility	Yellowstone County Generating Station	MT	67766	YGS18	9.2	Natural Gas Internal Combustion Engine	NG	IC
2024	7	65550	Nova Power, LLC	IPP	Menifee Power Bank	CA	66494	NOVA2	230.0	Batteries	MWH	BA
2024	7	66027	Orsted Wind Power North America LLC	IPP	South Fork Wind	NY	65561	SFWND	130.0	Offshore Wind Turbine	WND	WS
2024	7	65347	Pearl River Solar Park, LLC	IPP	Pearl River Solar Park LLC	MS	66239	GEN01	175.0	Solar Photovoltaic	SUN	PV
2024	7	65869	Prologis Logistics Services Incorporated	IPP	IPC 25 Solar	CA	67069	CV525	2.4	Solar Photovoltaic	SUN	PV
2024	7	66335	REV Renewables LLC	IPP	Capon Bridge Solar LLC	WV	67694	CPS01	20.0	Solar Photovoltaic	SUN	PV
2024	7	66194	RPNY Solar 4, LLC	IPP	Clemons Road Solar	NY	67407	CLEM	2.8	Solar Photovoltaic	SUN	PV
2024	7	66195	RPNY Solar 6, LLC	IPP	Pike Road Solar (NY)	NY	67408	PIKE	3.0	Solar Photovoltaic	SUN	PV
2024	7	66196	RPNY Solar 7, LLC	IPP	Alexander Road Solar	NY	67409	ALEX	1.6	Solar Photovoltaic	SUN	PV
2024	7	64698	Renewable Solar, Inc	Industrial	Open Sky Dairy	CA	68471	18880	1.7	Solar Photovoltaic	SUN	PV
2024	7	65826	Roadrunner Crossing Wind Farm, LLC	IPP	Roadrunner Wind Farm	TX	66902	5317	256.0	Onshore Wind Turbine	WND	WT
2024	7	66010	SR Panola I, LLC	IPP	SR Panola I, LLC	MS	67132	PANO1	4.8	Solar Photovoltaic	SUN	PV
2024	7	66008	SR Panola II, LLC	IPP	SR Panola II, LLC	MS	67130	PANO2	4.8	Solar Photovoltaic	SUN	PV
2024	7	66284	SV CSG Afton I, LLC	IPP	SV CSG AFTON I	MN	67587	SVA	1.0	Solar Photovoltaic	SUN	PV
2024	7	64994	SolRiver Capital LLC	IPP	Elk Solar LLC	NC	66345	PV1	5.0	Solar Photovoltaic	SUN	PV
2024	7	64994	SolRiver Capital LLC	IPP	Green Solar LLC (CSG)	OR	66349	PV1	2.9	Solar Photovoltaic	SUN	PV
2024	7	65419	Superstition Energy Storage, LLC	IPP	Superstition Energy Storage	AZ	66333	BESS4	90.0	Batteries	MWH	BA
2024	7	66218	TAI Huntsville Solar, LLC	IPP	TAI Huntsville Solar Hybrid	AL	67488	PV1	32.4	Solar Photovoltaic	SUN	PV
2024	7	61950	Terra-Gen Operating Co-Solar	IPP	Lockhart ESS, LLC	CA	66946	LHESS	45.0	Batteries	MWH	BA
2024	7	65863	Three Corners Solar, LLC	IPP	Three Corners Solar	ME	66955	18099	110.0	Solar Photovoltaic	SUN	PV
2024	7	65685	Tumbleweed Energy Storage, LLC	IPP	Tumbleweed Energy Storage	CA	66666	TWES1	50.0	Batteries	MWH	BA
2024	7	19499	United Power, Inc	Electric Utility	Platte Valley Battery Storage	CO	67307	PLVBA	7.8	Batteries	MWH	BA
2024	7	65675	West Ford Flat Energy Storage	IPP	West Ford Flat	CA	66669	WFF1	25.0	Batteries	MWH	BA
2024	7	65968	Yellow Pine Solar II, LLC	IPP	Yellow Pine II	NV	67091	YP2BP	65.0	Solar Photovoltaic	SUN	PV
2024	8	65600	AP Sunray LLC	IPP	AP Sunray LLC	TX	64258	OCISR	200.0	Solar Photovoltaic	SUN	PV
2024	8	64446	ASD Cotuit MA Solar LLC	IPP	ASD Cotuit MA Solar LLC	MA	65014	COT1B	2.5	Batteries	MWH	BA
2024	8	63784	Azure Sky Wind Project, LLC	IPP	Azure Sky Wind Project, LLC Hybrid	TX	64164	ASWWT	350.2	Onshore Wind Turbine	WND	WT
2024	8	65788	Ben Milam Solar 1 LLC	IPP	Orion I Solar Project	TX	66859	ORN1	200.0	Solar Photovoltaic	SUN	PV
2024	8	65782	Ben Milam Solar 3 LLC	IPP	Orion III Solar Project	TX	66821	ORN3	250.0	Solar Photovoltaic	SUN	PV
2024	8	66331	Birch Creek Power, LLC	IPP	Altona Solar, LLC	MO	66628	PV	30.0	Solar Photovoltaic	SUN	PV
2024	8	66481	Bodhi Solar, LLC	IPP	Bodhi Solar	NY	67932	BODHI	5.0	Solar Photovoltaic	SUN	PV
2024	8	65765	Borden County Battery Energy Storage System LLC	IPP	Borden County BESS	TX	66804	1	150.0	Batteries	MWH	BA
2024	8	65949	Bravo REC Management LLC	Industrial	TWC	CA	67863	TWC	1.2	Solar Photovoltaic	SUN	PV
2024	8	65643	Cald BESS LLC	IPP	Cald BESS	CA	66617	1	100.0	Batteries	MWH	BA
2024	8	65428	Callisto I Energy Center	IPP	Callisto I Energy Center	TX	66338	CALL1	200.0	Batteries	MWH	BA
2024	8	66208	Camco International Group, Inc.	IPP	West Point RNG	ID	67436	WPRG	3.2	Other Waste Biomass	OBG	IC
2024	8	66174	Carvers Creek, LLC	IPP	Carvers Creek Solar	VA	67342	CARV	54.9	Solar Photovoltaic	SUN	PV
2024	8	6455	Duke Energy Florida, LLC	Electric Utility	County Line Renewable Energy Center	FL	67049	PV1	74.9	Solar Photovoltaic	SUN	PV

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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	8	66574	EDPRNA DG CA Livermore LLC	IPP	CA- US Foods- Livermore	CA	68064	USFL	1.2	Solar Photovoltaic	SUN	PV
2024	8	58970	Ecoplexus, Inc	IPP	Camp San Luis Obispo	CA	63870	CPSLO	1.2	Solar Photovoltaic	SUN	PV
2024	8	61194	Generate Capital	IPP	Dakota Solar 1, LLC	IL	67614	11113	2.0	Solar Photovoltaic	SUN	PV
2024	8	61194	Generate Capital	IPP	Krumkill Road Solar North, LLC	NY	67615	11086	5.0	Solar Photovoltaic	SUN	PV
2024	8	61194	Generate Capital	IPP	Krumkill Road Solar South, LLC	NY	67616	11087	3.8	Solar Photovoltaic	SUN	PV
2024	8	61194	Generate Capital	IPP	Trinity Freeport	IL	67628	11057	2.0	Solar Photovoltaic	SUN	PV
2024	8	66433	Giga Texas Energy LLC	IPP	GFTX BESS	TX	67860	GFTX	125.0	Batteries	MWH	BA
2024	8	60025	Greenbacker Renewable Energy Corporation	IPP	IGS OXR1	CA	66603	454	4.8	Solar Photovoltaic	SUN	PV
2024	8	60025	Greenbacker Renewable Energy Corporation	IPP	Ledgeview	WI	67056	708	5.0	Solar Photovoltaic	SUN	PV
2024	8	66067	Groton BESS 1 LLC	IPP	Groton BESS 1	MA	67185	90911	2.0	Batteries	MWH	BA
2024	8	66033	Groton BESS 2 LLC	IPP	Groton BESS 2	MA	67162	90910	2.0	Batteries	MWH	BA
2024	8	65650	Harvest Gold Solar Power, LLC	IPP	Harvest Gold Solar	MS	66623	HGS	99.0	Solar Photovoltaic	SUN	PV
2024	8	65016	High River Energy Center, LLC	IPP	High River Energy Center, LLC	NY	65765	HR01	90.0	Solar Photovoltaic	SUN	PV
2024	8	66068	Holden BESS 1 LLC	IPP	Holden BESS 1	MA	67186	90913	5.0	Batteries	MWH	BA
2024	8	65281	Horus Louisiana 1, LLC	IPP	Elizabeth Solar Plant	LA	66111	US199	125.0	Solar Photovoltaic	SUN	PV
2024	8	63289	Key Capture Energy	IPP	TX15 Limousin Oak Storage	TX	65698	TX15	100.0	Batteries	MWH	BA
2024	8	65277	Leyline Renewable Capital	IPP	HCE Reams Solar, LLC	VA	66120	REAMS	5.0	Solar Photovoltaic	SUN	PV
2024	8	65277	Leyline Renewable Capital	IPP	HCE Roark Mill Solar, LLC	VA	66122	RKML	3.2	Solar Photovoltaic	SUN	PV
2024	8	12303	Merck & Co Inc-West Point	Industrial	West Point (PA)	PA	52149	GEN18	2.5	Natural Gas Internal Combustion Engine	NG	IC
2024	8	61227	Nautilus Solar Solutions	IPP	Beech Road (CSG)	MD	67405	SC	3.0	Solar Photovoltaic	SUN	PV
2024	8	61227	Nautilus Solar Solutions	IPP	Brewer (CSG)	ME	67499	SC	5.0	Solar Photovoltaic	SUN	PV
2024	8	65550	Nova Power, LLC	IPP	Menifee Power Bank	CA	66494	NOVA3	50.0	Batteries	MWH	BA
2024	8	65935	Preston Garden LLC	IPP	Preston Garden (CSG)	MN	67009	PRSTN	1.0	Solar Photovoltaic	SUN	PV
2024	8	63359	REA Investments, LLC	IPP	Sheridan Road Solar Farm	ME	67944	SHDAN	3.0	Solar Photovoltaic	SUN	PV
2024	8	65958	SL Sherman, LLC	IPP	NY SHERMAN 176 W MAIN ST - SL 1	NY	67034	21104	4.7	Solar Photovoltaic	SUN	PV
2024	8	65954	Small Mouth Bass Solar Partners LLC	IPP	Small Mouth Bass Solar	VA	67072	METER	2.4	Solar Photovoltaic	SUN	PV
2024	8	65955	Solitude Solar Russell County Rd 21 Microgrid, LLC	IPP	NY Hermon 1040 County Rd 21	NY	67031	20144	2.2	Solar Photovoltaic	SUN	PV
2024	8	65552	Terra-Gen Operating Co-BESS 2	IPP	Beaumont BESS	CA	66461	GEN1	100.0	Batteries	MWH	BA
2024	8	65685	Tumbleweed Energy Storage, LLC	IPP	Tumbleweed Energy Storage	CA	66666	TWES2	75.0	Batteries	MWH	BA
2024	8	19499	United Power, Inc	Electric Utility	Davis Battery Storage	CO	67304	DAVBA	11.8	Batteries	MWH	BA
2024	8	65173	United States Solar Corporation	IPP	MN East Regal LLC (CSG)	MN	66973	MNERL	1.0	Solar Photovoltaic	SUN	PV
2024	8	65173	United States Solar Corporation	IPP	USS Rosewood Solar LLC (CSG)	MN	67547	USRSW	1.0	Solar Photovoltaic	SUN	PV
2024	8	65173	United States Solar Corporation	IPP	USS Slayton Solar LLC (CSG)	MN	67548	USSLY	1.0	Solar Photovoltaic	SUN	PV
2024	9	64904	AES Clean Energy	IPP	Madison Solar	VA	66316	MDSO	62.5	Solar Photovoltaic	SUN	PV
2024	9	64904	AES Clean Energy	IPP	Northline Solar CSG	NY	66449	NORTH	4.0	Solar Photovoltaic	SUN	PV
2024	9	64904	AES Clean Energy	IPP	Westwing	AZ	67855	WESTW	82.0	Batteries	MWH	BA
2024	9	57416	Acciona Energy USA Global, LLC	IPP	Red Tailed Hawk Solar LLC	TX	66157	GEN1	350.0	Solar Photovoltaic	SUN	PV
2024	9	65118	AlphaStruxure Service Co LP	Commercial	Brookville Smart Bus Depot Microgrid	MD	65945	GEN2	0.6	Natural Gas Internal Combustion Engine	NG	IC
2024	9	65118	AlphaStruxure Service Co LP	Commercial	Brookville Smart Bus Depot Microgrid	MD	65945	GEN3	0.6	Natural Gas Internal Combustion Engine	NG	IC
2024	9	60281	Altus Power America Management, LLC	IPP	Dynamic - Enfield Hammett Road CSG	ME	67016	GEN1	4.9	Solar Photovoltaic	SUN	PV
2024	9	60281	Altus Power America Management, LLC	IPP	Dynamic - Exeter Solar CSG	ME	67015	GEN1	4.0	Solar Photovoltaic	SUN	PV
2024	9	66805	Antelope Creek Solar, LLC	IPP	Antelope Creek	OR	68444	PV1	2.3	Solar Photovoltaic	SUN	PV
2024	9	65852	Ben Milam Solar 2 LLC	IPP	Orion II Solar Project	TX	66941	ORN2	250.0	Solar Photovoltaic	SUN	PV
2024	9	65696	Brazos Bend BESS, LLC	IPP	Brazos Bend BESS, LLC	TX	66690	BEND	100.0	Batteries	MWH	BA
2024	9	65514	Catalyze Manteca 730 Spreckels Avenue Microgrid LLC	IPP	CA Manteca 730 Spreckels Ave	CA	66509	18259	1.5	Solar Photovoltaic	SUN	PV
2024	9	65514	Catalyze Manteca 730 Spreckels Avenue Microgrid LLC	IPP	CA Manteca 730 Spreckels Ave	CA	66509	B8259	1.5	Batteries	MWH	BA
2024	9	65780	Clearwater Wind III, LLC	IPP	Clearwater Wind III	MT	66811	CW3	100.0	Onshore Wind Turbine	WND	WT
2024	9	62161	Cubico USA, LLC	IPP	Crossett Solar	AR	67915	CROSS	100.0	Solar Photovoltaic	SUN	PV
2024	9	61060	Cypress Creek Renewables	IPP	Breezewood	IL	67633	BREEZ	2.0	Solar Photovoltaic	SUN	PV
2024	9	61060	Cypress Creek Renewables	IPP	Galt	IL	67636	GALT	5.0	Solar Photovoltaic	SUN	PV
2024	9	64872	Distributed Solar Development, LLC	IPP	Harrah's Atlantic City - POI 2 (Self Par	NJ	66831	P5614	1.8	Solar Photovoltaic	SUN	PV
2024	9	65641	EnLink Processing Services, LLC	Industrial	Eunice LA Plant	LA	66615	STG01	4.6	Natural Gas Steam Turbine	NG	ST
2024	9	56201	Engie North America	IPP	Cascade Energy Storage, LLC	CA	61801	10002	25.0	Batteries	MWH	BA
2024	9	65774	Fence Post Solar Project, LLC	IPP	Fence Post Solar Hybrid Project, LLC	TX	66801	FNCBE	72.0	Batteries	MWH	BA
2024	9	65774	Fence Post Solar Project, LLC	IPP	Fence Post Solar Hybrid Project, LLC	TX	66801	FNCPT	236.0	Solar Photovoltaic	SUN	PV
2024	9	65076	HEN Infrastructure, L.L.C.	IPP	Falfurrias BESS	TX	66792	FALFU	9.9	Batteries	MWH	BA
2024	9	63109	Hales Mills Solar, LLC	IPP	Hales Mills Solar, LLC	NY	63339	09751	3.0	Batteries	MWH	BA
2024	9	65874	Liberty County Solar Project, LLC	IPP	Liberty County Solar Project	TX	67159	LIBCO	100.0	Solar Photovoltaic	SUN	PV
2024	9	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Cottontail Solar 4	PA	65079	PACT4	20.0	Solar Photovoltaic	SUN	PV
2024	9	65785	Luminace Sunbeam Development Holdings, LLC	IPP	ME Novel Lighthouse - Penobscot CSG	ME	66961	PENOB	3.0	Solar Photovoltaic	SUN	PV
2024	9	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN8	2.0	Natural Gas Internal Combustion Engine	NG	IC
2024	9	21538	Mohave Electric Cooperative, Inc.	IPP	Mohave Electric Cooperative at Joy Lane	AZ	63554	MSSB1	15.0	Batteries	MWH	BA
2024	9	12796	Monongahela Power Co	Electric Utility	Rivesville Solar	WV	66900	RIVS	5.5	Solar Photovoltaic	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	9	62759	National Grid Renewables	IPP	Copperhead Solar, LLC	TX	67019	CHSLR	150.0	Solar Photovoltaic	SUN	PV
2024	9	62759	National Grid Renewables	IPP	Copperhead Solar, LLC	TX	67019	CHSTG	100.0	Batteries	MWH	BA
2024	9	61227	Nautilus Solar Solutions	IPP	Comfort CSG	NY	67406	SC	4.0	Solar Photovoltaic	SUN	PV
2024	9	49896	Nevada Gold Energy, LLC	IPP	TS Power Plant	NV	56224	SOL2	100.0	Solar Photovoltaic	SUN	PV
2024	9	65550	Nova Power, LLC	IPP	Menifee Power Bank	CA	66494	NOVA4	110.0	Batteries	MWH	BA
2024	9	66303	PFMD LL Jessup LLC	IPP	MD JESSUP 7950 OCEANO AVE	MD	67670	22337	1.5	Solar Photovoltaic	SUN	PV
2024	9	64743	PPM Solar LLC	IPP	BKV Ponder Solar 1	TX	66571	BKVP1	2.5	Solar Photovoltaic	SUN	PV
2024	9	65648	Prairie Mist Solar Project, LLC	IPP	Prairie Mist Solar	AR	66625	78661	100.0	Solar Photovoltaic	SUN	PV
2024	9	65857	Prescott Wind Energy LLC	IPP	Prescott Wind Farm	IA	66952	PWE	38.7	Onshore Wind Turbine	WND	WT
2024	9	56215	RWE Renewables Americas, LLC	IPP	Willowbrook Solar I, LLC	OH	63877	WBS	150.0	Solar Photovoltaic	SUN	PV
2024	9	66009	SR Panola III, LLC	IPP	SR Panola III, LLC	MS	67131	PANO3	3.5	Solar Photovoltaic	SUN	PV
2024	9	65743	SR Russellville, LLC	IPP	SR Russellville	KY	66818	RUSVL	173.0	Solar Photovoltaic	SUN	PV
2024	9	66024	SR Toombs I, LLC	IPP	SR Toombs, LLC	GA	67127	TOOM1	250.0	Solar Photovoltaic	SUN	PV
2024	9	66038	SR Warren, LLC	IPP	SR Warren, LLC	KY	67164	WARRN	3.5	Solar Photovoltaic	SUN	PV
2024	9	60217	San Bernardino Valley Mun. Water Dist.	Electric Utility	Waterman Turnout Hydroelectric	CA	60466	WTHF	1.0	Conventional Hydroelectric	WAT	HY
2024	9	60520	SoCore Energy LLC	IPP	Illinois PV Knox 1A	IL	67816	PV1	2.0	Solar Photovoltaic	SUN	PV
2024	9	60520	SoCore Energy LLC	IPP	Illinois PV Knox 1B	IL	67805	PV1	2.0	Solar Photovoltaic	SUN	PV
2024	9	17609	Southern California Edison Co	Electric Utility	Cadillac Battery Energy Storage Facility	CA	63326	CAD1	3.5	Batteries	MWH	BA
2024	9	17609	Southern California Edison Co	Electric Utility	Cathode (Hinson) BESS	CA	65457	CATH1	100.0	Batteries	MWH	BA
2024	9	17609	Southern California Edison Co	Electric Utility	Cathode (Hinson) BESS	CA	65457	CATH2	100.0	Batteries	MWH	BA
2024	9	17609	Southern California Edison Co	Electric Utility	Separator (Etiwanda) BESS	CA	65456	SEPAR	112.5	Batteries	MWH	BA
2024	9	17609	Southern California Edison Co	Electric Utility	Yorktown Battery Energy Storage Facility	CA	63325	YORK1	3.0	Batteries	MWH	BA
2024	9	66131	Surbrook Solar, LLC	IPP	Surbrook Solar, LLC	MI	67267	SUR10	20.0	Solar Photovoltaic	SUN	PV
2024	9	65552	Terra-Gen Operating Co-BESS 2	IPP	Sagebrush Solar 2 ESS 40	CA	66949	1	40.0	Batteries	MWH	BA
2024	9	65552	Terra-Gen Operating Co-BESS 2	IPP	Sagebrush Solar 2 ESS 59	CA	66950	1	59.0	Batteries	MWH	BA
2024	9	19499	United Power, Inc	Electric Utility	Frederick Battery Storage	CO	67302	FREBA	7.8	Batteries	MWH	BA
2024	9	66229	Walnut Bend Solar Station	Electric Utility	Walnut Bend Solar Station PV	AR	67504	WN1	100.0	Solar Photovoltaic	SUN	PV
2024	9	65875	Washington County Solar, LLC	IPP	Washington County Solar	GA	66990	WASH	150.0	Solar Photovoltaic	SUN	PV
2024	10	66264	AETS OpCo Holdings LLC	IPP	CAMILLUS A (CSG)	NY	68207	CAM A	5.0	Solar Photovoltaic	SUN	PV
2024	10	66264	AETS OpCo Holdings LLC	IPP	CAMILLUS B (CSG)	NY	68206	CAM B	5.0	Solar Photovoltaic	SUN	PV
2024	10	66264	AETS OpCo Holdings LLC	IPP	Independence East	NY	68020	IE	5.0	Solar Photovoltaic	SUN	PV
2024	10	807	Arkansas Electric Coop Corp	IPP	Woodruff County Solar	AR	66282	PV1	122.0	Solar Photovoltaic	SUN	PV
2024	10	65928	Atrisco Solar LLC	IPP	Atrisco Solar LLC	NM	67003	ATRPV	300.0	Solar Photovoltaic	SUN	PV
2024	10	66331	Birch Creek Power, LLC	IPP	Kimmel Road Solar, LLC	IL	66632	PV	50.0	Solar Photovoltaic	SUN	PV
2024	10	66476	Claverack Creek Solar, LLC	IPP	Claverack Creek Solar	NY	67912	CLAVE	5.0	Solar Photovoltaic	SUN	PV
2024	10	66808	Clayfield Solar, LLC	IPP	OR - Solops - SPI 18 - Clayfield	OR	68448	CLAFD	2.6	Solar Photovoltaic	SUN	PV
2024	10	66577	DG Niagara, LLC	IPP	Niagara Solar Project	NY	68067	NIAGA	5.0	Solar Photovoltaic	SUN	PV
2024	10	65677	Dimension Energy LLC	IPP	Tulare CSG LLC	CA	66679	TULAR	3.0	Solar Photovoltaic	SUN	PV
2024	10	66573	EDPRNA DG VA Manassas LLC	IPP	VA- US Foods- Manassas	VA	68063	USM	2.0	Solar Photovoltaic	SUN	PV
2024	10	65556	EnerSmart Chula Vista Sub Station	IPP	EnerSmart Chula Vista Sub Station	CA	66505	CV150	3.0	Batteries	MWH	BA
2024	10	7140	Georgia Power Co	Electric Utility	Mossy Branch Battery Facility	GA	65018	BESS	65.0	Batteries	MWH	BA
2024	10	65932	Greasewood II LLC	IPP	Greasewood II LLC	TX	67006	TBSP	306.0	Solar Photovoltaic	SUN	PV
2024	10	60025	Greenbacker Renewable Energy Corporation	IPP	DIA 9	CO	67201	724	9.8	Solar Photovoltaic	SUN	PV
2024	10	60025	Greenbacker Renewable Energy Corporation	IPP	Dairy Farm	ME	68042	378	4.0	Solar Photovoltaic	SUN	PV
2024	10	65076	HEN Infrastructure, L.L.C.	IPP	CISCO BESS	TX	66795	CISCO	9.9	Batteries	MWH	BA
2024	10	65076	HEN Infrastructure, L.L.C.	IPP	Pavlov	TX	67493	PAVLV	9.9	Batteries	MWH	BA
2024	10	65076	HEN Infrastructure, L.L.C.	IPP	Sandlake	TX	67496	SDLKB	9.9	Batteries	MWH	BA
2024	10	9417	Interstate Power and Light Co	Electric Utility	Creston Solar (50 MW)	IA	67536	PV1	50.0	Solar Photovoltaic	SUN	PV
2024	10	63289	Key Capture Energy	IPP	TX10 Hummingbird Storage	TX	65693	TX10	100.0	Batteries	MWH	BA
2024	10	50123	Leeward Asset Management, LLC	IPP	White Wing Solar	AZ	60572	GEN01	175.0	Solar Photovoltaic	SUN	PV
2024	10	65984	Longbow BESS, LLC	IPP	Longbow BESS, LLC	TX	67083	LBBES	174.0	Batteries	MWH	BA
2024	10	65131	Mammoth North, LLC	IPP	Mammoth North Solar	IN	65957	GEN1	400.0	Solar Photovoltaic	SUN	PV
2024	10	63968	Mockingbird Solar Center, LLC	IPP	Mockingbird Solar Center	TX	64347	7777	471.0	Solar Photovoltaic	SUN	PV
2024	10	13781	Northern States Power Co - Minnesota	Electric Utility	Sherco Solar I	MN	67909	SHS01	264.6	Solar Photovoltaic	SUN	PV
2024	10	63755	Old 300 Solar Center, LLC	IPP	Old 300 Solar Center, LLC	TX	64133	2222	430.0	Solar Photovoltaic	SUN	PV
2024	10	65098	Pechin Solar, LLC	IPP	Pechin Solar	PA	65903	9	14.0	Solar Photovoltaic	SUN	PV
2024	10	65099	Porter Solar, LLC	IPP	Porter Solar, LLC (TX)	TX	65937	PORTR	245.0	Solar Photovoltaic	SUN	PV
2024	10	63082	ProEnergy Services	IPP	Remy Jade Power Station	TX	66604	CTG-7	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	10	63082	ProEnergy Services	IPP	Remy Jade Power Station	TX	66604	CTG-8	44.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	10	65934	River Fork Solar, LLC	IPP	River Fork Solar, LLC	MI	67008	RFSLR	149.0	Solar Photovoltaic	SUN	PV
2024	10	65626	San Juan Solar I, LLC	IPP	San Juan Solar I	NM	66574	SJSS	100.0	Batteries	MWH	BA
2024	10	64740	Santa Paula Energy Storage, LLC	IPP	Santa Paula Energy Storage LLC	CA	65397	SP1	30.0	Batteries	MWH	BA
2024	10	66361	Stampede Solar Project LLC	IPP	Stampede Solar Hybrid	TX	67762	STMPB	72.2	Batteries	MWH	BA

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	10	60531	Standard Solar	IPP	HCE Millboro Springs Solar, LLC	VA	66117	MLBS	5.0	Solar Photovoltaic	SUN	PV
2024	10	64778	Strata Manager, LLC	IPP	Inland Empire Energy Storage	CA	66726	IEESS	70.0	Batteries	MWH	BA
2024	10	65777	Urban Grid Solar	IPP	Foxglove Solar	VA	66841	FOXG1	75.0	Solar Photovoltaic	SUN	PV
2024	10	65754	VESI 12 LLC	IPP	Bottleneck Energy Storage	CA	66757	BN1	80.0	Batteries	MWH	BA
2024	10	64966	Vikings Energy Farm, LLC	IPP	Vikings Energy Farm	CA	65711	GEN1	136.8	Solar Photovoltaic	SUN	PV
2024	11	60797	68SF 8me LLC	IPP	Eland Solar & Storage Center, Phase 1 Hy	CA	61168	61168	150.0	Batteries	MWH	BA
2024	11	60797	68SF 8me LLC	IPP	Eland Solar & Storage Center, Phase 1 Hy	CA	61168	68SF8	200.0	Solar Photovoltaic	SUN	PV
2024	11	64904	AES Clean Energy	IPP	AES ES Alamitos 2 LLC	CA	67579	ALMT2	82.0	Batteries	MWH	BA
2024	11	64904	AES Clean Energy	IPP	Big Spring Solar (CSG)	MD	66868	BIGSP	2.1	Solar Photovoltaic	SUN	PV
2024	11	64904	AES Clean Energy	IPP	Princetown Solar 1	NY	67414	PRNC1	5.0	Solar Photovoltaic	SUN	PV
2024	11	66264	AETS OpCo Holdings LLC	IPP	Ruhlmann A (CSG)	NY	68092	RA	5.0	Solar Photovoltaic	SUN	PV
2024	11	57416	Acciona Energy USA Global, LLC	IPP	AEUG Union Solar, LLC	OH	64660	AUS	325.0	Solar Photovoltaic	SUN	PV
2024	11	66338	Al Pastor BESS LLC	IPP	Al Pastor Battery Storage Plant	TX	67721	ALPTR	100.3	Batteries	MWH	BA
2024	11	60281	Altus Power America Management, LLC	IPP	Dynamic - Glenburn Broadway One (CSG)	ME	67017	GEN1	4.9	Solar Photovoltaic	SUN	PV
2024	11	60281	Altus Power America Management, LLC	IPP	Dynamic - Wales Leeds Junction Road (CSG)	ME	67011	GEN1	4.5	Solar Photovoltaic	SUN	PV
2024	11	65700	Atrisco Energy Storage LLC	IPP	Atrisco Energy Storage	NM	66694	ATRES	300.0	Solar Photovoltaic	SUN	PV
2024	11	66432	BT Connolly Storage, LLC	IPP	Connolly BESS	TX	67861	CNLY	125.0	Batteries	MWH	BA
2024	11	66001	Bayou Galion Solar Project, LLC	IPP	Bayou Galion Solar Project	LA	67104	BAYOU	98.1	Solar Photovoltaic	SUN	PV
2024	11	20806	City of Windom	Electric Utility	Windom	MN	2023	CAT5	2.8	Petroleum Liquids	DFO	IC
2024	11	20806	City of Windom	Electric Utility	Windom	MN	2023	CAT6	2.8	Petroleum Liquids	DFO	IC
2024	11	61060	Cypress Creek Renewables	IPP	Skyline	IL	67642	SKYLN	5.0	Solar Photovoltaic	SUN	PV
2024	11	61060	Cypress Creek Renewables	IPP	Walldog	IL	67646	WALLD	5.0	Solar Photovoltaic	SUN	PV
2024	11	65677	Dimension Energy LLC	IPP	Newark Solar 1 LLC	NJ	68408	NEWA1	2.2	Solar Photovoltaic	SUN	PV
2024	11	64872	Distributed Solar Development, LLC	IPP	Bishop Ranch - BR 8-P	CA	66800	4976	1.0	Solar Photovoltaic	SUN	PV
2024	11	64872	Distributed Solar Development, LLC	IPP	Bishop Ranch - BR 8-P	CA	66800	4976B	0.5	Batteries	MWH	BA
2024	11	17539	Dominion Energy South Carolina, Inc	Electric Utility	Bushy Park Combustion Turbine Facility	SC	66600	CT1	42.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	11	65651	Double Back Diamond Solar Power, LLC	IPP	Double Back Diamond	IL	66624	DBD	592.8	Solar Photovoltaic	SUN	PV
2024	11	65660	Enchanted Rock	IPP	Enchanted Rock Lodi	CA	66638	LODI	48.0	Natural Gas Internal Combustion Engine	NG	IC
2024	11	65556	EnerSmart Chula Vista Sub Station	IPP	EnerSmart Chula Vista Sub Station	CA	66505	CV151	3.0	Batteries	MWH	BA
2024	11	66089	FRP Columbia County Solar, LLC	IPP	Columbia County Solar	FL	67206	COLS	74.5	Solar Photovoltaic	SUN	PV
2024	11	66088	FRP Gadsden County Solar, LLC	IPP	Gadsden County Solar	FL	67205	GADS	74.5	Solar Photovoltaic	SUN	PV
2024	11	66090	FRP Gilchrist County Solar, LLC	IPP	Gilchrist County Solar	FL	67207	GILS	74.5	Solar Photovoltaic	SUN	PV
2024	11	66063	FRP Tupelo Solar, LLC	IPP	Tupelo Solar	FL	67182	TUPS	74.5	Solar Photovoltaic	SUN	PV
2024	11	6452	Florida Power & Light Co	Electric Utility	Buttonwood	FL	65920	1	74.5	Solar Photovoltaic	SUN	PV
2024	11	6452	Florida Power & Light Co	Electric Utility	Cedar Trail	FL	67672	1	74.5	Solar Photovoltaic	SUN	PV
2024	11	6452	Florida Power & Light Co	Electric Utility	Georges Lake	FL	65907	1	74.5	Solar Photovoltaic	SUN	PV
2024	11	6452	Florida Power & Light Co	Electric Utility	Hendry Isles	FL	65909	1	74.5	Solar Photovoltaic	SUN	PV
2024	11	6452	Florida Power & Light Co	Electric Utility	Honeybell	FL	65921	1	74.5	Solar Photovoltaic	SUN	PV
2024	11	6452	Florida Power & Light Co	Electric Utility	Mitchell Creek	FL	65911	1	74.5	Solar Photovoltaic	SUN	PV
2024	11	6452	Florida Power & Light Co	Electric Utility	Norton Creek	FL	65908	1	74.5	Solar Photovoltaic	SUN	PV
2024	11	65097	Gans Solar, LLC	IPP	Gans Solar	PA	65902	5	14.0	Solar Photovoltaic	SUN	PV
2024	11	60025	Greenbacker Renewable Energy Corporation	IPP	Lake City	MI	67200	642	2.0	Solar Photovoltaic	SUN	PV
2024	11	60025	Greenbacker Renewable Energy Corporation	IPP	Mars Hill	ME	67154	577	2.6	Solar Photovoltaic	SUN	PV
2024	11	60025	Greenbacker Renewable Energy Corporation	IPP	Morey Road	MI	67199	641	2.0	Solar Photovoltaic	SUN	PV
2024	11	60025	Greenbacker Renewable Energy Corporation	IPP	N Solon Road (South)	IL	67198	678	2.0	Solar Photovoltaic	SUN	PV
2024	11	65952	Henry Gibson Solar, LLC	IPP	Henry Gibson Solar	NC	67029	HGS	5.0	Solar Photovoltaic	SUN	PV
2024	11	9417	Interstate Power and Light Co	Electric Utility	Wever Solar (150MW)	IA	67538	PV1	150.0	Solar Photovoltaic	SUN	PV
2024	11	49893	Invenergy Services LLC	IPP	Maple Flats	IL	66191	65015	250.0	Solar Photovoltaic	SUN	PV
2024	11	49805	Kennecott Utah Copper	Industrial	Copperton Solar Plant No. 1	UT	64427	CSP1	2.3	Solar Photovoltaic	SUN	PV
2024	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Driver Solar	AR	65736	AKDR1	150.0	Solar Photovoltaic	SUN	PV
2024	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Prairie Ronde Solar Farm	LA	65976	LAPR1	135.0	Solar Photovoltaic	SUN	PV
2024	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Second Division Solar	TX	65981	TXSD1	100.0	Solar Photovoltaic	SUN	PV
2024	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Starr Solar Ranch	TX	65975	TXST1	136.0	Solar Photovoltaic	SUN	PV
2024	11	65053	Limestone CSG 2 LLC	IPP	Limestone CSG 2 LLC	ME	65802	LMST2	1.2	Solar Photovoltaic	SUN	PV
2024	11	66280	Markum Solar Farm, LLC	IPP	Markum Solar Farm	TX	67580	MKM	161.0	Solar Photovoltaic	SUN	PV
2024	11	66611	Maumee Solar, LLC	IPP	Maumee Solar	OH	68161	MAUME	2.4	Solar Photovoltaic	SUN	PV
2024	11	65592	Moonshot Solar, LLC	IPP	Moonshot	MS	66544	PGRMS	78.5	Solar Photovoltaic	SUN	PV
2024	11	66690	Morris Ridge Solar Energy Center, LLC	IPP	Morris Ridge Solar	NY	68274	MOR01	177.0	Solar Photovoltaic	SUN	PV
2024	11	66612	NSF Coventry Site 2, LLC	IPP	Coventry Solar Site 2	NY	68162	COVE2	5.0	Solar Photovoltaic	SUN	PV
2024	11	66613	NSF Coventry Site 3, LLC	IPP	Coventry Solar Site 3	NY	68163	COVE3	5.0	Solar Photovoltaic	SUN	PV
2024	11	66610	NSF Enfield Site 1, LLC	IPP	Enfield Solar Site 1	NY	68160	ENF1	5.0	Solar Photovoltaic	SUN	PV
2024	11	66609	NSF Enfield Site 2, LLC	IPP	Enfield Solar Site 2	NY	68158	ENF2	5.0	Solar Photovoltaic	SUN	PV
2024	11	66608	NSF Enfield Site 3, LLC	IPP	Enfield Solar Site 3	NY	68159	ENF3	5.0	Solar Photovoltaic	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	11	61227	Nautilus Solar Solutions	IPP	BNRG Norridgewock (CSG)	ME	67429	SC	2.0	Solar Photovoltaic	SUN	PV
2024	11	61227	Nautilus Solar Solutions	IPP	BNRG North Anson (CSG)	ME	67431	SC	2.0	Solar Photovoltaic	SUN	PV
2024	11	61227	Nautilus Solar Solutions	IPP	Dynamic - Leeds Solar (CSG)	ME	67013	GEN1	4.9	Solar Photovoltaic	SUN	PV
2024	11	61227	Nautilus Solar Solutions	IPP	Dynamic - Norridgewock Martin Stream (CSG)	ME	67012	GEN1	4.9	Solar Photovoltaic	SUN	PV
2024	11	66069	Paxton BESS 1 LLC	IPP	Paxton BESS 1	MA	67187	90912	3.0	Batteries	MWH	BA
2024	11	65539	Pivot Energy	IPP	Kankakee Solar 3	IL	68233	KANK3	2.0	Solar Photovoltaic	SUN	PV
2024	11	65775	RPCA Solar 1, LLC	IPP	Avenue 26 Solar	CA	66809	A26P1	2.6	Solar Photovoltaic	SUN	PV
2024	11	65775	RPCA Solar 1, LLC	IPP	Avenue 26 Solar	CA	66809	A26P2	5.0	Solar Photovoltaic	SUN	PV
2024	11	65348	Ragsdale Solar, LLC	IPP	Ragsdale Solar LLC	MS	66240	GEN01	100.0	Solar Photovoltaic	SUN	PV
2024	11	66394	Randolph Solar Park LLC	IPP	Brittlebush Solar	AZ	67799	GEN01	200.0	Solar Photovoltaic	SUN	PV
2024	11	66003	Reactivate	IPP	Gooseberry Solar, LLC	IL	67106	GEN1	2.0	Solar Photovoltaic	SUN	PV
2024	11	66003	Reactivate	IPP	Monee Solar 1, LLC	IL	67107	GEN1	2.0	Solar Photovoltaic	SUN	PV
2024	11	66003	Reactivate	IPP	Mulberry Solar, LLC	IL	67108	GEN1	2.0	Solar Photovoltaic	SUN	PV
2024	11	66003	Reactivate	IPP	North Cottage Grove Solar 1, LLC	IL	67115	GEN1	2.0	Solar Photovoltaic	SUN	PV
2024	11	66003	Reactivate	IPP	SSC Oswego II LLC	NY	67113	GEN1	4.8	Solar Photovoltaic	SUN	PV
2024	11	66003	Reactivate	IPP	Torrence Ave Solar 1 LLC	IL	67114	GEN1	2.0	Solar Photovoltaic	SUN	PV
2024	11	66614	Rush Solar Farm 1, LLC	IPP	Rush Solar	NY	68152	RUSH1	5.0	Solar Photovoltaic	SUN	PV
2024	11	65626	San Juan Solar I, LLC	IPP	San Juan Solar I	NM	66574	SANS	200.0	Solar Photovoltaic	SUN	PV
2024	11	65970	Sunlight Road Solar, LLC	IPP	Sunlight Road Solar	LA	67071	SRS	50.0	Solar Photovoltaic	SUN	PV
2024	11	65552	Terra-Gen Operating Co-BESS 2	IPP	Placerita ESS	CA	66462	GEN1	80.0	Batteries	MWH	BA
2024	11	66601	Ticon Solar, LLC	IPP	Ticon Solar	NY	68115	TICON	5.0	Solar Photovoltaic	SUN	PV
2024	11	64457	VCP Realty, LLC	IPP	FedEx Middletown	CT	65046	VCP15	1.5	Solar Photovoltaic	SUN	PV
2024	11	65875	Washington County Solar, LLC	IPP	Decatur Solar	GA	67047	GEN1	200.0	Solar Photovoltaic	SUN	PV
2024	11	65555	West Tambo Clean Power II	IPP	West Tambo Clean Power II	CA	66506	WEST2	2.0	Solar Photovoltaic	SUN	PV
2024	11	20860	Wisconsin Public Service Corp	Electric Utility	Antigo-Forrest Street Solar Project	WI	67724	20243	6.0	Solar Photovoltaic	SUN	PV
2024	11	66566	Wolf Run Solar LLC	IPP	Wolf Run Solar	IL	68056	GEN01	140.0	Solar Photovoltaic	SUN	PV

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

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	4	16899	SERRF Joint Powers Authority	Electric CHP	Southeast Resource Recovery	CA	50837	GEN1	28.0	Municipal Solid Waste	MSW	ST
2024	4	17609	Southern California Edison Co	Electric Utility	DESI-1 Battery Energy Storage Facility	CA	60699	DESI1	2.4	Batteries	MWH	BA
2024	5	221	Alaska Village Elec Coop, Inc	Electric Utility	Bethel	AK	6566	6	2.1	Petroleum Liquids	DFO	IC
2024	5	7443	City of Graettinger - (IA)	Electric Utility	Graettinger	IA	1142	4	0.5	Petroleum Liquids	DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	1	0.9	Petroleum Liquids	DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	2	0.6	Petroleum Liquids	DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	4	1.2	Petroleum Liquids	DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	5	1.3	Petroleum Liquids	DFO	IC
2024	5	13948	City of Oberlin - (KS)	Electric Utility	Oberlin (KS)	KS	1312	6	1.2	Petroleum Liquids	DFO	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	1	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	10	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	11	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	12	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	13	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	14	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	15	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	16	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	17	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	18	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	19	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	2	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	20	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	21	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	22	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	23	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	24	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	25	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	26	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	27	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	28	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	29	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	3	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	30	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	31	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	32	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	33	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	34	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	35	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	36	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	4	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	5	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	6	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	7	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	8	0.3	Landfill Gas	LFG	IC
2024	5	55938	Industrial Power Generating Company LLC	IPP	Virginia Beach	VA	56693	9	0.3	Landfill Gas	LFG	IC
2024	5	29297	Pelican Utility	Electric Utility	Pelican	AK	6702	IC8	0.2	Petroleum Liquids	DFO	IC
2024	5	17697	Southwestern Electric Coop Inc - (IL)	Electric Utility	Freedom Power Project	IL	7842	CT1	0.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	5	20847	Wisconsin Electric Power Co	Electric Utility	South Oak Creek	WI	4041	5	242.2	Conventional Steam Coal	RC	ST
2024	5	20847	Wisconsin Electric Power Co	Electric Utility	South Oak Creek	WI	4041	6	253.8	Conventional Steam Coal	RC	ST
2024	6	35	AES WR Ltd Partnership	Electric CHP	AES Warrior Run Cogeneration Facility	MD	10678	GEN1	180.0	Conventional Steam Coal	BIT	ST
2024	6	56606	Calpine New Jersey Generation LLC	IPP	Carls Corner	NJ	2379	CA1	37.6	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	56606	Calpine New Jersey Generation LLC	IPP	Carls Corner	NJ	2379	CA2	39.2	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	56606	Calpine New Jersey Generation LLC	IPP	Mickleton Station	NJ	8008	MICK	63.7	Natural Gas Fired Combustion Turbine	NG	GT
2024	6	3265	Cleco Power LLC	Electric Utility	Teche	LA	1400	3	250.0	Natural Gas Steam Turbine	NG	ST
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	GT81	228.8	Natural Gas Fired Combined Cycle	NG	CT
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	GT82	230.0	Natural Gas Fired Combined Cycle	NG	CT
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	GT93	229.9	Natural Gas Fired Combined Cycle	NG	CT
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	GT94	229.6	Natural Gas Fired Combined Cycle	NG	CT
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	ST85	244.6	Natural Gas Fired Combined Cycle	NG	CA
2024	6	49965	Constellation Mystic Power LLC	IPP	Mystic Generating Station	MA	1588	ST96	250.7	Natural Gas Fired Combined Cycle	NG	CA
2024	6	40215	Cordova Electric Coop, Inc	Electric Utility	Orca	AK	789	4	2.4	Petroleum Liquids	DFO	IC
2024	6	12653	Lanyard Power Holdings, LLC	IPP	Morgantown Generating Plant	MD	1573	5	54.0	Petroleum Liquids	DFO	GT
2024	6	12653	Lanyard Power Holdings, LLC	IPP	Morgantown Generating Plant	MD	1573	6	54.0	Petroleum Liquids	DFO	GT

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	7	15248	Portland General Electric Co	Electric Utility	Salem Smart Power Center	OR	60441	SSPC	5.0	Batteries	MWH	BA
2024	7	20541	Wheelabrator Environmental Systems	Commercial	Wheelabrator Portsmouth	VA	54998	1410	15.5	Municipal Solid Waste	MSW	ST
2024	7	20541	Wheelabrator Environmental Systems	Commercial	Wheelabrator Portsmouth	VA	54998	1420	0.0	Municipal Solid Waste	MSW	ST
2024	7	20541	Wheelabrator Environmental Systems	Commercial	Wheelabrator Portsmouth	VA	54998	1430	0.0	Municipal Solid Waste	MSW	ST
2024	9	5416	Duke Energy Carolinas, LLC	Electric Utility	G G Allen	NC	2718	5	259.0	Conventional Steam Coal	BIT	ST
2024	10	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN4	49.0	Natural Gas Fired Combined Cycle	NG	CA
2024	10	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	1PT1	1.8	Conventional Hydroelectric	WAT	HY
2024	10	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	1PT2	1.8	Conventional Hydroelectric	WAT	HY
2024	10	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	1PT3	1.8	Conventional Hydroelectric	WAT	HY
2024	10	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	3T1	0.5	Conventional Hydroelectric	WAT	HY
2024	10	11208	Los Angeles Department of Water & Power	Commercial	North Hollywood	CA	57854	3T2	0.2	Conventional Hydroelectric	WAT	HY
2024	10	13914	Occidental Chemical Corporation	Industrial	Wichita Plant	KS	50169	GEN1	27.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	10	61950	Terra-Gen Operating Co-Solar	IPP	SEGS IX	CA	10446	GEN1	88.0	Solar Thermal without Energy Storage	SUN	ST
2024	11	3599	Citizens Thermal Energy	IPP	CC Perry K	IN	992	7	1.7	Natural Gas Steam Turbine	NG	ST
2024	11	3599	Citizens Thermal Energy	IPP	CC Perry K	IN	992	8	1.7	Natural Gas Steam Turbine	NG	ST
2024	11	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	1A	1.1	Petroleum Liquids	DFO	IC
2024	11	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	2A	1.1	Petroleum Liquids	DFO	IC
2024	11	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	3A	1.1	Petroleum Liquids	DFO	IC
2024	11	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	4	1.1	Petroleum Liquids	DFO	IC
2024	11	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	8	1.3	Petroleum Liquids	DFO	IC
2024	11	1278	City of Barron - (WI)	Electric Utility	Barron	WI	4102	9	2.0	Petroleum Liquids	DFO	IC

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	12	64904	AES Clean Energy	IPP	AES Laubacher Solar CSG	NY	67974	LAUBA	2.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.5
2024	12	64904	AES Clean Energy	IPP	Baldy Mesa 2_Silver Peak Hybrid	CA	66885	SPKBS	25.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	25.0
2024	12	64904	AES Clean Energy	IPP	Baldy Mesa 2_Silver Peak Hybrid	CA	66885	SPKPV	50.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2024	12	64904	AES Clean Energy	IPP	Cavalier Solar A2	VA	67421	CAVA2	84.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	84.4
2024	12	64904	AES Clean Energy	IPP	County Highway Solar 1	NY	67415	CTHW1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	64904	AES Clean Energy	IPP	County Highway Solar 2	NY	67416	CTHW2	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	64904	AES Clean Energy	IPP	Exeter Renewables 1	RI	67417	EXTR1	10.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	10.0
2024	12	64904	AES Clean Energy	IPP	Geer Road Solar 1	NY	67418	GEER1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	64904	AES Clean Energy	IPP	Geer Road Solar 2	NY	67412	GEER2	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	64904	AES Clean Energy	IPP	High Mesa CO	CO	67323	HMESS	10.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	11.2
2024	12	64904	AES Clean Energy	IPP	High Mesa CO	CO	67323	HMSCO	10.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	11.2
2024	12	64904	AES Clean Energy	IPP	Mannys Corners Solar 1 LLC	NY	66947	MANNY	4.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	4.9
2024	12	64904	AES Clean Energy	IPP	McFarland B Solar and Storage	AZ	66637	BESS	150.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	150.0
2024	12	64904	AES Clean Energy	IPP	McFarland B Solar and Storage	AZ	66637	MCFRB	300.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2024	12	64904	AES Clean Energy	IPP	Rexford Solar Farm	CA	64633	20SDB	300.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2024	12	64904	AES Clean Energy	IPP	Rexford Solar Farm	CA	64633	20SDB	240.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	240.0
2024	12	64904	AES Clean Energy	IPP	Tubolino CSG	NY	67693	TUBOL	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	9273	AES Indiana	Electric Utility	Pike County Energy Storage	IN	66881	BAT2	200.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	200.0
2024	12	66264	AETS OpCo Holdings LLC	IPP	Independence Road	NY	68091	IR	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	65646	AFTW Storage, LLC	IPP	Lakeview Battery Storage Facility	CA	66619	AFTW	1.2	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	1.2
2024	12	60281	Altus Power America Management, LLC	IPP	Dynamic - Gray Solar	ME	67014	GEN1	4.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	4.9
2024	12	66072	Anticline Wind, LLC	IPP	Anticline Wind	WY	67193	AC	124.3	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	124.3
2024	12	61711	Ashley Solar (SC)	IPP	Ashley Solar (SC)	SC	62179	21	2.0	Solar Photovoltaic	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	238.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	238.8
2024	12	64516	Azimuth 180 Solar Electric, LLC	IPP	Collins (NY)	NY	67582	COLLI	4.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.9
2024	12	64516	Azimuth 180 Solar Electric, LLC	IPP	DC Water	DC	67583	DCWAT	1.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.3
2024	12	64516	Azimuth 180 Solar Electric, LLC	IPP	Oneida East	NY	67584	ONEID	4.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.8
2024	12	66421	BT Signal Ranch, LLC	IPP	BT Signal Ranch	TX	67849	BTS	50.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2024	12	65293	Bartonsville Energy Facility, LLC	IPP	Bartonsville Energy Facility, LLC	VA	66133	BTS	130.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	130.0
2024	12	65654	Birch Creek Development	IPP	Richland Township Solar, LLC	IL	66630	PV	35.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	35.0
2024	12	66331	Birch Creek Power, LLC	IPP	Salt Creek Township Solar, LLC	IL	66633	PV	50.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	50.0
2024	12	64266	Blue Jay Solar I, LLC	IPP	Blue Jay Solar I, LLC	TX	64672	BLUJS	210.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	210.0
2024	12	64744	Boswell Wind, LLC	IPP	Boswell Wind	WY	65403	BOSWW	329.8	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	329.8
2024	12	65694	Bright Arrow Solar, LLC	IPP	Bright Arrow Solar, LLC	TX	66688	BASS	300.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2024	12	65694	Bright Arrow Solar, LLC	IPP	Bright Arrow Solar, LLC	TX	66688	BASS1	103.6	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	103.6
2024	12	66528	Brookhaven 1	IPP	Brookhaven Landfill Solar Farm 1	NY	67979	BROOK	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	65962	Catalyze Fort Worth 5200 Gold Spike Drive Microgrid, LLC	IPP	TX Fort Worth 5200 Gold Spike Drive	TX	67058	19599	4.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	4.0
2024	12	65565	Catalyze Houston Express Lane Microgrid, LLC	IPP	TX Houston 7080 Express Lane	TX	66517	19344	1.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.9
2024	12	66273	Catalyze Newark Solar Farm 1 Microgrid, LLC	IPP	NY Newark St Rt 31 - Environomics S1	NY	67571	20880	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	66283	Catalyze Newark Solar Farm 2 Microgrid, LLC	IPP	NY Newark ST RT 31 - Environomics S2	NY	67586	20654	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2024	12	66693	Catalyze Oxnard 2600 Sakioka Drive Microgrid, LLC	IPP	CA OXNARD 2600 Sakioka Dr	CA	68272	18249	1.6	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.6
2024	12	66693	Catalyze Oxnard 2600 Sakioka Drive Microgrid, LLC	IPP	CA OXNARD 2600 Sakioka Dr	CA	68272	21387	1.6	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.6
2024	12	65567	Catalyze Pasadena 10585 Red Bluff Road Microgrid, LLC	IPP	TX Pasadena 10585 Red Bluff Road Solar	TX	66519	19503	2.3	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.3
2024	12	66288	Catalyze Pombrio Solar Farm 1 Microgrid, LLC	IPP	NY ALTONA MAYOTT - Environomics P1	NY	67599	20641	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	66289	Catalyze Pombrio Solar Farm 2 Microgrid, LLC	IPP	NY ALTONA MAYOTT - Environomics P2	NY	67600	20641	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	66343	Catalyze Rochelle Wiscold Drive Microgrid, LLC	IPP	IL Rochelle 975 S. Caron Rd	IL	67714	19578	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2024	12	66129	Cedar Springs Wind IV, LLC	IPP	Cedar Springs Wind IV	WY	67289	CS4	390.4	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	390.4
2024	12	66576	Chillingham Solar LLC	IPP	Chillingham Solar	TX	68065	CHILS	350.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	350.0
2024	12	66351	Citadel BESS LLC	IPP	Citadel Battery Storage Plant	TX	67738	CITDL	206.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	206.0
2024	12	1148	City of Baldwin City- (KS)	Electric Utility	Baldwin City Plant No 2	KS	8020	10	2.0	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	2.2
2024	12	1148	City of Baldwin City- (KS)	Electric Utility	Baldwin City Plant No 2	KS	8020	9	2.0	Petroleum Liquids	DFO	IC	(TS) Construction complete, but not yet in commercial operation	2.2
2024	12	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC6	20.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	20.0
2024	12	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC7	20.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	20.0
2024	12	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC8	20.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	20.0
2024	12	66486	Clearview Solar I, LLC	IPP	Clearview Solar 1	OH	67935	CLV1	144.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	144.0
2024	12	34359	Curators of the University of Missouri	Commercial	MU Combined Heat and Power Plant	MO	50969	GEN10	8.0	Natural Gas Steam Turbine	NG	ST	(V) Under construction, more than 50 percent complete	9.0
2024	12	61060	Cypress Creek Renewables	IPP	Acer	NY	67632	ACER	4.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.3
2024	12	61060	Cypress Creek Renewables	IPP	Buck Run	NY	67634	BUCKR	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	61060	Cypress Creek Renewables	IPP	Dakota	IL	67635	DAKOT	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	61060	Cypress Creek Renewables	IPP	Grass River	NY	67638	GRASS	4.1	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.1
2024	12	61060	Cypress Creek Renewables	IPP	Meltwater	NY	67640	MELTW	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	61060	Cypress Creek Renewables	IPP	Niagara (NY)	NY	67641	NIAGA	4.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.2
2024	12	66514	DSI Julie Solar LLC	IPP	DSI Julie Solar	MN	67958	DSIJ	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2024	12	59656	Desert Quartzite LLC	IPP	Desert Quartzite	CA	59871	GEN01	300.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	300.0
2024	12	59656	Desert Quartzite LLC	IPP	Desert Quartzite	CA	59871	GEN02	150.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	150.0
2024	12	65677	Dimension Energy LLC	IPP	Kings CSG 3 LLC	CA	66676	KING3	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	12	65677	Dimension Energy LLC	IPP	RB Inyokern Solar WDAT 1203, LLC	CA	67533	INYO1	19.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	19.9
2024	12	65677	Dimension Energy LLC	IPP	RB Inyokern Solar WDAT 1281, LLC	CA	67534	INYO2	11.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	11.9
2024	12	64872	Distributed Solar Development, LLC	IPP	Caesar's Atlantic City - POI 1 (Colosseu	NJ	66813	P5377	1.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.4
2024	12	64872	Distributed Solar Development, LLC	IPP	FFP - NY Game Farm	NY	66828	P5652	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	64872	Distributed Solar Development, LLC	IPP	Harrah's Atlantic City - POI 1 (Meeting	NJ	66830	P5376	2.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.3
2024	12	5248	Dominion Energy Inc.	Electric Utility	Bookers Mill Solar	VA	66314	BMSO	127.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	127.0
2024	12	58468	Dominion Renewable Energy	Electric Utility	Quillwort Solar	VA	65318	POWI	18.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	18.0
2024	12	58468	Dominion Renewable Energy	Electric Utility	Sebera Solar	VA	65320	SEBE	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2024	12	5347	Dow Chemical Co	Industrial	Plaquemine Cogeneration Plant	LA	55419	ST6	48.9	Natural Gas Fired Combined Cycle	NG	CA	(TS) Construction complete, but not yet in commercial operation	48.9
2024	12	5347	Dow Chemical Co	Industrial	Plaquemine Cogeneration Plant	LA	55419	ST7	48.9	Natural Gas Fired Combined Cycle	NG	CA	(TS) Construction complete, but not yet in commercial operation	48.9
2024	12	65683	Dublin Street LLC	IPP	Dublin Street LLC	ME	66664	DBLNS	4.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	4.9
2024	12	5416	Duke Energy Carolinas, LLC	Electric Utility	Lincoln Combustion	NC	7277	17	517.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	536.4
2024	12	66462	Dunns Bridge II Solar and Storage Generation LLC	IPP	Dunns Bridge II Solar	IN	67893	DB2BS	56.3	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	56.3
2024	12	66462	Dunns Bridge II Solar and Storage Generation LLC	IPP	Dunns Bridge II Solar	IN	67893	DB2PV	435.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	435.0

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	64947	EDPR CA Solar Park II LLC	IPP	Sandrini Solar 100	CA	65664	GEN02	200.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	12	64946	EDPR CA Solar Park LLC	IPP	Sandrini Solar 200	CA	65663	GEN01	100.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	100.0
2024	12	65859	EDPR Scarlet II LLC	IPP	Scarlet II Hybrid	CA	66951	GEN03	200.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	12	65859	EDPR Scarlet II LLC	IPP	Scarlet II Hybrid	CA	66951	GEN04	150.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	150.0
2024	12	65985	EF NY CDG 010, LLC	IPP	NY Attica 264 Maplewood Rd	NY	67136	20496	3.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.6
2024	12	58135	Ecos Energy LLC	IPP	Benz Solar 1	CT	68116	BENZ1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2024	12	58135	Ecos Energy LLC	IPP	Benz Solar 2	CT	68117	BENZ2	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2024	12	65806	Elk Street Solar LLC	IPP	Elk Street Solar	NY	66886	ES	2.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.4
2024	12	65799	Enel Green Power Estonian Solar Project, LLC	IPP	Estonian Solar Project, LLC	TX	66872	BESS	100.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	100.0
2024	12	65799	Enel Green Power Estonian Solar Project, LLC	IPP	Estonian Solar Project, LLC	TX	66872	SOLAR	204.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	204.5
2024	12	56201	Engie North America	IPP	Antlia	TX	65588	ANTLA	70.0	Batteries	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	Batteries	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	Batteries	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	Batteries	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	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	56201	Engie North America	IPP	Crockett	TX	65488	CROKT	9.9	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	9.9
2024	12	56201	Engie North America	IPP	Desna	TX	65876	DESNA	200.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	56201	Engie North America	IPP	Dickens	TX	65489	DIKNS	200.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	200.0
2024	12	56201	Engie North America	IPP	Hydra	TX	65490	HYDRA	200.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	200.0
2024	12	56201	Engie North America	IPP	Paleo	TX	65491	PALEO	200.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2024	12	56201	Engie North America	IPP	Pavo	TX	65492	PAVO	175.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	175.0
2024	12	56201	Engie North America	IPP	Sierra Energy Storage, LLC	CA	61803	10003	10.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	10.0
2024	12	56201	Engie North America	IPP	Tortolas	TX	65493	TORTO	50.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	50.0
2024	12	56201	Engie North America	IPP	Zeya	TX	65880	ZEYA	250.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	250.0
2024	12	814	Entergy Arkansas LLC	IPP	West Memphis Solar Station	AR	65482	WMEM1	180.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	180.0
2024	12	65444	Erie Solar, LLC	IPP	Erie Solar, LLC	PA	66365	ERIE	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2024	12	22500	Evergy Kansas Central, Inc	Electric Utility	Osage City Solar	KS	67699	OSAGE	1.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.8
2024	12	22500	Evergy Kansas Central, Inc	Electric Utility	Osawatomie Solar	KS	67025	PV	4.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	4.9
2024	12	66221	Finchville Tpkc LLC	IPP	NY Finchville Tpkc CSG	NY	67480	FCHVL	1.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.8
2024	12	62856	Forefront Power, LLC	IPP	CA - Amazon - SMF6	CA	65616	20031	2.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.6
2024	12	65827	Fork in the Road Solar LLC	IPP	Fork in the Road Solar	NY	66909	FIR	1.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.4
2024	12	66125	Foster Clean Power A, LLC	IPP	Foster Clean Power A	CA	67288	BESSA	1.3	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	1.3
2024	12	66125	Foster Clean Power A, LLC	IPP	Foster Clean Power A	CA	67288	FOSTA	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2024	12	66434	Foster Clean Power B, LLC	IPP	Foster Clean Power B	CA	67859	BESSB	1.2	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	1.2
2024	12	66434	Foster Clean Power B, LLC	IPP	Foster Clean Power B	CA	67859	FOSTB	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2024	12	66692	GCC Trident LLC	Industrial	GCC Trident Solar Project	MT	68260	GCC2	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	61194	Generate Capital	IPP	9521 US 14 SOLAR 1, LLC	IL	67622	11110	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	61194	Generate Capital	IPP	Cottage Grove North Solar 1, LLC	IL	67629	11114	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	61194	Generate Capital	IPP	Cottage Grove South Solar 1, LLC	IL	67630	11115	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	61194	Generate Capital	IPP	Goodenow Road West Solar 1, LLC	IL	67625	11112	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	66142	Goose Prairie Solar LLC	IPP	Goose Prairie Solar	WA	67261	GOOSE	80.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	80.0
2024	12	65381	Gravel Pit Solar, LLC	IPP	Gravel Pit Solar, LLC	CT	66268	GPS03	50.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	50.0
2024	12	65381	Gravel Pit Solar, LLC	IPP	Gravel Pit Solar, LLC	CT	66268	GPS04	70.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	70.0
2024	12	60025	Greenbacker Renewable Energy Corporation	IPP	Kosa	NY	66735	783	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2024	12	60025	Greenbacker Renewable Energy Corporation	IPP	Lobelia 1	IL	67256	811	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	60025	Greenbacker Renewable Energy Corporation	IPP	Mahany	NY	66750	782	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	12	60025	Greenbacker Renewable Energy Corporation	IPP	Our Katahdin	ME	67155	696	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	60025	Greenbacker Renewable Energy Corporation	IPP	Overland	CO	68041	948	11.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	11.0
2024	12	60025	Greenbacker Renewable Energy Corporation	IPP	Ring Road	MA	67119	686	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	60025	Greenbacker Renewable Energy Corporation	IPP	Ring Road	MA	67119	686B	2.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2024	12	65572	Greene Community Solar LLC	IPP	Greene Community Solar	NY	66524	20738	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	65451	Grizzly Ridge Solar LLC	IPP	Grizzly Ridge Solar	TX	66410	596	10.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	10.0
2024	12	65680	Hanford BESS LLC	IPP	Lead BESS 1	CA	66660	HAN	99.4	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	99.4
2024	12	65680	Hanford BESS LLC	IPP	Lead BESS 2	CA	66662	BIA	32.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	32.0
2024	12	66091	Harmony Florida Solar II, LLC	IPP	Harmony Florida Solar II	FL	67208	HARS	74.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	74.5
2024	12	65655	Harquahala Sun Solar Project	IPP	Harquahala Sun Solar Project	AZ	66670	HARQ1	150.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2024	12	65681	Henrietta BESS LLC	IPP	Electrolyte BESS	CA	66661	HEN	99.4	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	99.4
2024	12	66402	Hickory Solar LLC	IPP	Hickory Solar	IL	67786	GEN01	110.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	110.0
2024	12	63416	Ho'Ohana Solar 1 LLC	IPP	Ho'Ohana Solar 1	HI	63723	H0001	52.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	52.0
2024	12	63416	Ho'Ohana Solar 1 LLC	IPP	Ho'Ohana Solar 1	HI	63723	HESS1	52.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	52.0
2024	12	64924	IP Lumina, LLC	IPP	Lumina Solar Project	TX	65645	LU1BA	160.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	160.0
2024	12	65794	Indiana Crossroads Wind Farm II LLC	IPP	Indiana Crossroads Wind Farm II	IN	66861	GEN01	200.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	201.6
2024	12	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Richmond 8 Solar Park	IN	66748	RICH8	6.1	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	6.1
2024	12	9210	International Paper Co-Riegelwood	Industrial	International Paper Riegelwood Mill	NC	54656	NO4	40.0	Wood/Wood Waste Biomass	BLQ	ST	(TS) Construction complete, but not yet in commercial operation	40.0
2024	12	9417	Interstate Power and Light Co	Electric Utility	Duane Arnold Solar II (150MW)	IA	67537	PV1	150.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	150.0
2024	12	66563	Lake Lilian Solar, LLC	IPP	Lake Lilian Solar	MN	68047	30796	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2024	12	66562	Lake Wilson Solar, LLC	IPP	Lake Wilson Solar	MN	68046	30801	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2024	12	50123	Leeward Asset Management, LLC	IPP	Chaparral Springs	CA	64864	CHAPB	52.0	Batteries	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	Solar Photovoltaic	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	Solar Photovoltaic	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	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	36.0
2024	12	66431	Liberty 1 Solar LLC	IPP	Liberty Hybrid Solar and Storage Project	TX	67867	LIB1	67.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	67.2
2024	12	65052	Limestone CSG 1 LLC	IPP	Limestone CSG 1 LLC	ME	65801	LMST1	1.2	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.8
2024	12	65100	Listonburg Solar, LLC	IPP	Listonburg Solar	PA	65929	8	15.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	15.0
2024	12	61752	Lone Star Solar	IPP	Lone Star Solar	SC	62235	49	66.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	66.0
2024	12	61752	Lone Star Solar	IPP	Lone Star Solar	SC	62235	50	66.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	66.0
2024	12	65676	Long Lake Solar, LLC	IPP	Long Lake Solar, LLC	AR	66649	LLS	200.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	12	66419	ME Fort Fairfield Solar LLC	IPP	ME Fort Fairfield Solar Plant	ME	67842	22085	2.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.8
2024	12	66639	MN CSG 2019-60 LLC	IPP	MN CSG 2019-60	MN	68157	MIRG	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2024	12	66638	MN CSG 2019-82 LLC	IPP	MN CSG 2019-82	MN	68156	ATVA	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	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	12	61944	MN8 Energy LLC	IPP	Spring Lane	PA	67706	GEN1	13.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	13.8
2024	12	61944	MN8 Energy LLC	IPP	WMATA - Cheverly Metro	MD	65959	GEN1	1.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.9
2024	12	11479	Madison Gas & Electric Co	Electric Utility	Strix Solar	WI	67907	1	6.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	6.0
2024	12	65678	Malaga BESS LLC	IPP	Acid BESS	CA	66659	MAL	97.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	97.0
2024	12	65671	Martin County Solar Project, LLC	IPP	Martin County Solar Project, LLC	KY	66646	USMTC	111.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	111.0
2024	12	66529	Mompano	IPP	Mompapo	OR	67980	MOMPO	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	56990	NJR Clean Energy Ventures Corporation	IPP	Norfolk Landfill Solar Project	CT	67483	NRFLK	4.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	4.0
2024	12	56990	NJR Clean Energy Ventures Corporation	IPP	Sicklerville Landfill	NJ	67557	SKLDF	2.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.3
2024	12	62759	National Grid Renewables	IPP	Fayette Solar	OH	67166	FYTSL	45.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	45.0
2024	12	62759	National Grid Renewables	IPP	Fillmore County Solar Project	MN	67168	FILCO	45.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2024	12	61227	Nautilus Solar Solutions	IPP	Altamont (NY)	NY	67403	SC	2.3	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.3
2024	12	61227	Nautilus Solar Solutions	IPP	BNRG Masardis	ME	67427	SC	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2024	12	61227	Nautilus Solar Solutions	IPP	BRNG Nicoln	ME	67428	SC	3.3	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.3
2024	12	61227	Nautilus Solar Solutions	IPP	Exeter Ten	RI	67410	SC	2.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.8
2024	12	61227	Nautilus Solar Solutions	IPP	Livingston Crossing	MD	67393	SC	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	61227	Nautilus Solar Solutions	IPP	Mechanic Street	ME	67396	SC	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	12	61227	Nautilus Solar Solutions	IPP	Missile Street	ME	67398	SC	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	12	61227	Nautilus Solar Solutions	IPP	Pomham Islander	RI	67447	SC	2.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.5
2024	12	61227	Nautilus Solar Solutions	IPP	Sheesley	NY	67329	SC	4.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.4
2024	12	61227	Nautilus Solar Solutions	IPP	Ver Plank North	NY	67337	SC	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2024	12	61227	Nautilus Solar Solutions	IPP	Ver Plank South	NY	67338	SC	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	61227	Nautilus Solar Solutions	IPP	Wolcott Hill (Camden)	NY	67426	SC	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	62836	Navisun LLC	IPP	ISM Solar Shepherd Acres	ME	67903	SHEPH	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2024	12	13491	New York University	Commercial	New York University Central Plant	NY	54808	DE1	2.5	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	2.5
2024	12	66445	NineDot Holdings, LLC	IPP	Empire Clean Energy, LLC	NY	67882	ND008	5.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	66445	NineDot Holdings, LLC	IPP	Gabby Giffords Clean Energy, LLC	NY	67883	ND003	5.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	5.0
2024	12	66445	NineDot Holdings, LLC	IPP	Gabby Giffords Clean Energy, LLC	NY	67883	ND004	3.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	3.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Archie Horne	NC	67040	BAT1	10.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	10.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Butler	NC	67042	BAT1	10.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	10.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Collier BESS	NC	65248	BAT1	2.5	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.5
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Davistown-Mercer	NC	67036	BAT1	2.5	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.5
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Docs Road BESS	NC	65249	BAT1	5.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Double Creek	NC	67043	BAT1	5.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Fairfield Harbor	NC	67044	BAT1	5.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Five Points BESS	NC	65250	BAT1	5.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Maysville BESS	NC	65240	BAT1	5.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	McKinney BESS	NC	65241	BAT1	5.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	McLauchin	NC	67041	BAT1	15.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	15.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Medoc	NC	67037	BAT1	2.5	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.5
2024	12	13683	North Carolina EI Member Corp	Electric Utility	New Rosewood BESS	NC	65243	BAT1	2.5	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.5
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Queens Creek BESS	NC	65244	BAT1	2.5	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.5
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Rocky Point BESS	NC	65245	BAT1	5.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Walkers Crossroads BESS	NC	65246	BAT1	5.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	12	13683	North Carolina EI Member Corp	Electric Utility	Zion Hill BESS	NC	65247	BAT1	5.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	5.0
2024	12	63238	OE_ALC	IPP	AL Solar C LLC	AL	63513	OEALC	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2024	12	65778	OE_CAB1	IPP	OE_CAB1	CA	66808	OCAB	99.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	99.7
2024	12	64584	OE_MS4	IPP	OE_MS4	MS	65293	OEMS4	96.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	96.0
2024	12	66233	Oliver Wind IV, LLC	IPP	Oliver Wind IV	ND	67502	GEN4	198.8	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	198.8
2024	12	14354	PacifiCorp	Electric Utility	Foote Creek Rim	WY	67916	1	134.8	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	134.8
2024	12	14354	PacifiCorp	Electric Utility	Rock Creek Wind	WY	67769	1	190.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	190.0
2024	12	66367	Pittsburg RV & Boat Storage, LLC	Commercial	Pittsburg RV Solar	CA	67770	30200	2.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.8
2024	12	65302	Ponderosa Wind II, LLC	IPP	Ponderosa Wind II	OK	66155	GP01	100.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	100.0
2024	12	15248	Portland General Electric Co	Electric Utility	Coffee Creek BESS	OR	67698	CCRK1	17.0	Batteries	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	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	75.0
2024	12	63359	REA Investments, LLC	IPP	Houlton Road Solar Farm	ME	67923	HOLTN	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	65776	RPCA Solar 7, LLC	IPP	East Cleveland Road Solar	CA	66810	ECLE	3.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.0
2024	12	56215	RWE Renewables Americas, LLC	IPP	Big Star Solar, LLC (Hybrid)	TX	64202	BGSTB	80.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	80.0
2024	12	56215	RWE Renewables Americas, LLC	IPP	Big Star Solar, LLC (Hybrid)	TX	64202	BGSTS	200.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2024	12	66305	Rio Vista Executive Boat & RV Storage, LLC	Commercial	Rio Vista Solar	CA	67648	30200	2.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.7
2024	12	66414	Rivanna Solar LLC	IPP	Rivanna Solar	VA	67846	RIVA	12.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	13.3
2024	12	65392	Riverstart Solar Park III LLC	IPP	Riverstart Solar Park III	IN	66269	RSS03	100.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	100.0
2024	12	64673	Ross County Solar, LLC	IPP	Ross County Solar, LLC	OH	65343	ROSS	120.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	120.0
2024	12	66418	SBESS TX5 LLC	IPP	Junction BESS	TX	67845	JUTX5	9.9	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	9.9
2024	12	66416	SBESS TX7 LLC	IPP	Farmersville West	TX	67843	FARM	9.9	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	9.9
2024	12	65304	SR Ailey, LLC	IPP	SR Ailey	GA	66173	AILEY	80.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	80.0
2024	12	63778	SR Litchfield, LLC	IPP	SR Litchfield	CT	64161	LITCH	19.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	19.8
2024	12	27075	San Diego County Water Auth	IPP	Rancho Penasquitos	CA	56615	G200	4.1	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	4.3
2024	12	60520	SoCore Energy LLC	IPP	Caribou Solar	ME	67826	PV1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	60520	SoCore Energy LLC	IPP	French Road Solar	ME	67802	PV1	2.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.5
2024	12	60520	SoCore Energy LLC	IPP	Harmony Solar Project	IL	67804	PV1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	60520	SoCore Energy LLC	IPP	Macomb 2A	IL	67806	PV1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	60520	SoCore Energy LLC	IPP	Madawaska Solar	ME	67807	PV1	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2024	12	60520	SoCore Energy LLC	IPP	Rockford Plant	IL	67812	PV1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	60520	SoCore Energy LLC	IPP	TJX 2021 DG El Paso DC	TX	67827	PV1	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2024	12	60520	SoCore Energy LLC	IPP	Unity Solar Project (IL)	IL	67822	PV1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	64994	SolRiver Capital LLC	IPP	Marble Solar LLC (CSG)	OR	66351	PV1	2.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.9
2024	12	64994	SolRiver Capital LLC	IPP	Wallace Solar LLC (CSG)	OR	66355	PV1	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	12	66396	Solar Powered Ag, LLC	IPP	Solar Powered AG, LLC	CA	67961	17182	3.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.1
2024	12	66054	Solar Star Bear Creek, LLC	IPP	Bear Creek Solar (CA)	CA	67169	EBMUD	5.0	Solar Photovoltaic	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	12	64783	Spanish Peaks Solar LLC	IPP	Spanish Peaks Solar	CO	62379	47301	140.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	140.0
2024	12	66361	Stampede Solar Project LLC	IPP	Stampede Solar Hybrid	TX	67762	STMP5	255.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	255.9
2024	12	60531	Standard Solar	IPP	HCE Moran Solar, LLC	VA	66118	MORAN	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2024	12	60531	Standard Solar	IPP	Woodville Solar	RI	64530	1	4.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.5
2024	12	66092	Storey Bend Solar, LLC	IPP	Storey Bend Solar	FL	67209	STOS	74.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	74.5
2024	12	60970	SunShare Management	IPP	BecLee Solar CSG	CO	67364	BECLS	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	60970	SunShare Management	IPP	Buffalo Sun CSG	MN	66070	BUFFS	0.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	0.9
2024	12	60970	SunShare Management	IPP	Dove Solar CSG	CO	67361	DOVES	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2024	12	60970	SunShare Management	IPP	Lark Bunting Solar CSG	CO	67362	LARKS	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	60970	SunShare Management	IPP	Oster Sun CSG	MN	66072	OSTRS	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2024	12	60970	SunShare Management	IPP	Quarry Sun CSG	MN	66073	QURYS	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2024	12	65535	SunVest Solar LLC	IPP	Lawrence Solar 1 LLC	IL	67681	LAWS1	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2024	12	65535	SunVest Solar LLC	IPP	Lawrence Solar 2 LLC	IL	67682	LAWS2	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2024	12	65535	SunVest Solar LLC	IPP	SV CSG Wagner A LLC	IL	67688	WAGNA	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2024	12	65535	SunVest Solar LLC	IPP	SV CSG Wagner B LLC	IL	67689	WAGNB	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2024	12	65535	SunVest Solar LLC	IPP	Schmidt CSG 1	IL	67685	SHMT2	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2024	12	18454	Tampa Electric Co	Electric Utility	Bullfrog Creek Solar	FL	67203	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2024	12	18454	Tampa Electric Co	Electric Utility	English Creek Solar	FL	66921	1	23.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	23.0
2024	12	66550	Telyon AMZ Windsor LLC	Commercial	Amazon BDL4	CT	68013	BDL4	3.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.9
2024	12	66473	Timbermill Wind	IPP	Timbermill Wind, LLC	NC	67910	TIMBY	189.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	189.0
2024	12	65112	TotalEnergies Distributed Generation, LLC	Commercial	Shasta College PH2 Solar Project	CA	65940	SCSP1	1.3	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2024	12	65112	TotalEnergies Distributed Generation, LLC	Commercial	Shasta College PH2 Solar Project	CA	65940	SCSPB	0.5	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	0.5
2024	12	66444	Troutdale Grid, LLC	IPP	Sundial (Troutdale) BESS	OR	67869	BDT	200.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	200.0
2024	12	66334	Twin Lakes Solar LLC	IPP	Twin Lakes Solar LLC	IN	67696	TWNLK	150.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	150.0
2024	12	65173	United States Solar Corporation	IPP	Marshall Solar Plus LLC	MN	67545	MARSL	10.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	10.0
2024	12	65173	United States Solar Corporation	IPP	USS Cogburn Solar LLC	CO	66436	USCOG	2.4	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.4
2024	12	19524	University of California-LA	Commercial	UCLA So Campus Cogen Project	CA	52073	GEN-A	13.5	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	16.4
2024	12	65777	Urban Grid Solar	IPP	Alton Post Office Solar	VA	66837	ALPT1	82.1	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	75.1
2024	12	66368	Valley Sun Solar LLC	IPP	Valley Sun Solar	ME	67771	PV1	3.1	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.1
2024	12	5504	Vistra Corp	IPP	Baldwin Solar BESS	IL	68148	1	68.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	68.4
2024	12	5504	Vistra Corp	IPP	Baldwin Solar BESS	IL	68148	2	2.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	2.0
2024	12	5504	Vistra Corp	IPP	Coffeen Solar BESS	IL	68147	1	44.2	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	44.2
2024	12	5504	Vistra Corp	IPP	Coffeen Solar BESS	IL	68147	2	2.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	2.0
2024	12	61864	Washington Solar II (SC)	IPP	Washington Solar II (SC)	SC	62344	88	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2024	12	65667	West Shore Solar LLC	IPP	West Shore Solar LLC	NY	66761	WS	2.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.4
2024	12	66569	Whetstone Power Operations LLC	IPP	Prairie Center Energy LLC	CO	68058	PCESB	33.7	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	35.4
2024	12	66350	Wigeon Whistle BESS LLC	IPP	Wigeon Whistle Battery Storage Plant	TX	67739	WIDWH	120.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	120.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Auburn Solar WI, LLC	WI	67725	20245	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Caledonia Solar WI, LLC	WI	67727	20241	6.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	6.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Hackbarth Solar WI, LLC	WI	67728	20244	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	LaFayette Solar WI, LLC	WI	67730	20246	6.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	6.0
2024	12	20847	Wisconsin Electric Power Co	Electric Utility	Paris Solar	WI	65967	PSLR1	200.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	6.0
2024	12	20856	Wisconsin Power & Light Co	Electric Utility	Nortera Customer Hosted Solar	WI	67539	PV1	1.6	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.3
2024	12	65213	Wolfskin Solar, LLC	IPP	Wolfskin Solar	GA	66027	GA-04	38.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	38.0
2024	12	60059	ZGlobal Inc	IPP	Lara 2 Hybrid	CA	67234	LARAB	0.9	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	0.9
2024	12	60059	ZGlobal Inc	IPP	Lara 2 Hybrid	CA	67234	LARAS	0.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	0.7
2025	1	63830	7V Solar Ranch, LLC	IPP	7V Solar Ranch	TX	64239	7V1	240.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	240.0
2025	1	64904	AES Clean Energy	IPP	AES Baird Solar CSG	NY	67975	BAIRD	4.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.5
2025	1	64904	AES Clean Energy	IPP	Calhoun County Solar Project	MI	64452	GEN1	125.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	125.0
2025	1	64904	AES Clean Energy	IPP	Geer Road Solar 3	NY	67413	GEER3	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	1	64904	AES Clean Energy	IPP	Westwing	AZ	67855	WEST2	118.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	118.0
2025	1	61514	Agilitas Energy, Inc.	IPP	AE-ESS NWS 1, LLC	NY	65239	NWS	4.9	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	1	66143	Alcosta Boulevard BR 15-DD Solar Project 2020, LLC	IPP	Bishop Ranch - BR 15-DD	CA	67277	4657B	0.5	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	0.5
2025	1	66143	Alcosta Boulevard BR 15-DD Solar Project 2020, LLC	IPP	Bishop Ranch - BR 15-DD	CA	67277	4657C	0.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	0.4
2025	1	66143	Alcosta Boulevard BR 15-DD Solar Project 2020, LLC	IPP	Bishop Ranch - BR 15-DD	CA	67277	4657R	0.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	0.2
2025	1	65800	Angelo Solar, LLC	IPP	Angelo Solar	TX	68145	ANGSO	195.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	195.0
2025	1	65801	Angelo Storage, LLC	IPP	Angelo Storage	TX	68146	ANGBA	100.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	100.0
2025	1	15399	Avangrid Renewables LLC	IPP	Bakeoven Solar	OR	63507	BOS1	60.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	140.0
2025	1	66615	Big Elm Solar, LLC	IPP	Big Elm Solar	TX	68180	BELMS	200.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	200.0
2025	1	66564	Birch Creek Development	IPP	Envoy Solar, LLC	MO	66629	PV	50.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.0
2025	1	65742	Blue Bird Solar, LLC	IPP	Blue Bird Solar, LLC	MO	66747	BBS	139.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	139.0
2025	1	63235	Brookfield Renewable Trading and Marketing LP	IPP	AM Wind Repower LLC	CA	66167	63235	27.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	27.0
2025	1	66549	Caballero CA Storage LLC	IPP	Caballero	CA	68012	CAB11	99.7	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	99.7
2025	1	66342	Catalyze Joliet 1101 Cherry Hill Road Microgrid, LLC	IPP	IL Joliet 1101 Cherry HI Rd	IL	67713	19581	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2025	1	65308	Cattlemen Solar Park LLC	IPP	Cattlemen Solar Park	TX	66168	GEN01	240.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	240.0
2025	1	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC3	20.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	20.0
2025	1	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC4	20.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	20.0
2025	1	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	IC5	20.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	20.0
2025	1	55934	City of Stockton MUD	Commercial	Regional Wastewater Control Facility	CA	56134	0601	3.0	Petroleum Liquids	DFO	IC	(TS) Construction complete, but not yet in commercial operation	3.0
2025	1	65442	Cobalt Solar, LLC	IPP	Cobalt Solar, LLC	PA	66364	COBAL	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2025	1	65832	Cottonwood Bayou Solar, LLC	IPP	Cottonwood Bayou Solar	TX	66915	CTW	350.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	350.0
2025	1	66675	DG Green Arrow LLC	IPP	DG Green Arrow	MN	68242	GRARW	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2025	1	5109	DTE Electric Company	Electric Utility	Sauk Solar Park	MI	67942	SAUSP	150.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	150.0
2025	1	5109	DTE Electric Company	Electric Utility	Slocum Energy Storage	MI	67758	SLOES	14.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	14.0
2025	1	65831	Danish Fields Solar, LLC	IPP	Danish Fields Solar, LLC	TX	66914	DAN	600.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	600.0
2025	1	65833	Danish Fields Storage, LLC	IPP	Danish Fields Storage	TX	66916	DANST	150.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	150.0
2025	1	61610	Delaware River Solar, LLC	IPP	Route 5 & 20 Community Solar Farm	NY	62523	1093	2.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.3

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2025	1	61610	Delaware River Solar, LLC	IPP	State Route 64N Community Solar Farm	NY	62520	1089	1.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.2
2025	1	58468	Dominion Renewable Energy	IPP	Atlanta Farms Solar	OH	65128	43164	199.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	199.6
2025	1	58468	Dominion Renewable Energy	IPP	North Ridge Solar	VA	68077	NRIDG	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2025	1	66124	Dos Palos Clean Power, LLC	IPP	Dos Palos Clean Power	CA	67287	DOSP	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2025	1	65011	El Sauz Ranch Wind, LLC	IPP	El Sauz Ranch Wind, LLC	TX	65760	ELSAU	301.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	301.0
2025	1	64438	Enel Green Power Roseland Solar, LLC	IPP	Roseland Solar Project, LLC	TX	65028	ROSES	500.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	500.0
2025	1	63081	Exus North America Management Partners LLC	IPP	McCrae Wind Energy II	TX	63342	BKII	162.1	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	162.1
2025	1	6452	Florida Power & Light Co	Electric Utility	Big Water	FL	65912	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Fawn	FL	65919	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Fox Trail	FL	65916	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Green Pasture	FL	65918	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Hog Bay	FL	65915	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Holopaw	FL	65922	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Long Creek	FL	65906	1	74.5	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Speckled Perch	FL	65913	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Swallowtail	FL	67673	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	6452	Florida Power & Light Co	Electric Utility	Tennmile Creek	FL	65886	1	74.5	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.5
2025	1	65620	Fox Garden LLC	IPP	Fox Garden	MN	66576	MNC07	0.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	0.9
2025	1	66623	Great Kiskadee Storage, LLC	IPP	Great Kiskadee Storage	TX	68189	GKDBS	100.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	100.0
2025	1	60025	Greenbacker Renewable Energy Corporation	IPP	N Baker Road	IL	67153	679	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	1	60025	Greenbacker Renewable Energy Corporation	IPP	N Baker Road 2	IL	67152	680	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	1	60025	Greenbacker Renewable Energy Corporation	IPP	Pine Hill Westport	MA	67156	702	3.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.3
2025	1	60025	Greenbacker Renewable Energy Corporation	IPP	Surrey Road	MI	67197	643	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	1	60025	Greenbacker Renewable Energy Corporation	IPP	Upland	MA	67276	703	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	1	60025	Greenbacker Renewable Energy Corporation	IPP	Upland	MA	67276	703B	2.3	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.3
2025	1	65076	HEN Infrastructure, L.L.C.	IPP	Russek	TX	67495	RUSSK	9.9	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	9.9
2025	1	66172	Hat Creek Bioenergy, LLC	IPP	Hat Creek Bioenergy	CA	67360	HAT01	3.0	Wood/Wood Waste Biomass	WDS	OT	(V) Under construction, more than 50 percent complete	3.6
2025	1	64937	Hecate Energy Desert Storage 1 LLC	IPP	Hecate Energy Desert Storage 1 LLC	CA	65635	HEDS1	10.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	10.0
2025	1	64978	Hecate Grid Carris Storage 1 LLC	IPP	Carris Storage I	CA	65733	HECAR	10.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	10.0
2025	1	9191	Idaho Power Co	Electric Utility	Black Mesa BESS	ID	66326	1	40.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	40.0
2025	1	9191	Idaho Power Co	Electric Utility	Elmore BESS	ID	66327	1	4.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	4.0
2025	1	9191	Idaho Power Co	Electric Utility	Filer BESS	ID	66328	1	2.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	1	9191	Idaho Power Co	Electric Utility	Franklin Battery Storage	ID	67183	FRBS	60.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	60.0
2025	1	9191	Idaho Power Co	Electric Utility	Hemmingway BESS	ID	66325	1	80.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	80.0
2025	1	9191	Idaho Power Co	Electric Utility	Hemmingway BESS	ID	66325	HGW P2	36.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	36.0
2025	1	9191	Idaho Power Co	Electric Utility	Melba BESS	ID	66329	1	2.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	1	9191	Idaho Power Co	Electric Utility	Weiser BESS	ID	66330	1	3.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	3.0
2025	1	49893	Invenergy Services LLC	IPP	Diversion Wind Energy LLC	TX	67601	DIV01	98.6	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	98.6
2025	1	49893	Invenergy Services LLC	IPP	Diversion Wind Energy LLC	TX	67601	DIV02	102.0	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	102.0
2025	1	49893	Invenergy Services LLC	IPP	Flat Ridge 4	KS	68222	OP		Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	
2025	1	49893	Invenergy Services LLC	IPP	Hardin Solar Energy II LLC	OH	63828	GEN1	150.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	1	49893	Invenergy Services LLC	IPP	Samson Solar Energy II LLC	TX	63882	GEN1	200.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	1	49893	Invenergy Services LLC	IPP	Yum Yum Solar LLC	TN	63026	GEN1	147.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	147.0
2025	1	65656	Kiowa County Solar Project, LLC	IPP	Kiowa County Solar Project, LLC	OK	66642	USKWA	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
2025	1	50123	Leeward Asset Management, LLC	IPP	AVEP BESS	CA	65591	AVEPB	126.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	126.0
2025	1	66745	MN CSG 2019-105 LLC	IPP	MN CSG 2019-105	MN	68373	HAGER	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2025	1	66746	MN CSG 2019-67 LLC	IPP	MN CSG 2019-67	MN	68374	MONK	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2025	1	65964	Montgomery Ranch Wind Farm, LLC	IPP	Montgomery Ranch Wind Farm, LLC	TX	67095	MR1	202.5	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	202.5
2025	1	65823	Myrtle Solar, LLC	IPP	Myrtle Solar, LLC	TX	66910	MYR	313.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	313.0
2025	1	65830	Myrtle Storage, LLC	IPP	Myrtle Storage	TX	66913	MYRST	150.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	150.0
2025	1	56990	NJR Clean Energy Ventures Corporation	IPP	Foul Rift Solar Farm	NJ	67252	FLRFT	15.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	15.4
2025	1	56990	NJR Clean Energy Ventures Corporation	IPP	Raffia Road Solar Project	CT	67484	FLRFT	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2025	1	66301	NY CDG Genesee 4 LLC	IPP	NY PAVILION 6464 SHEPARD RD - Genesee 4	NY	67610	21602	4.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.3
2025	1	66546	NY CDG Ontario 2, LLC	IPP	Ontario 2 CDG	NY	68004	21108	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	1	62759	National Grid Renewables	IPP	Unbridled Solar	KY	67165	UBSLR	160.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	160.0
2025	1	61227	Nautilus Solar Solutions	IPP	North Woods	NY	67437	SC	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	1	62836	Navisun LLC	IPP	BWC Jimmie Pond	ME	67902	HAMPD	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2025	1	62836	Navisun LLC	IPP	Oak Leaf Solar XVI	MA	67901	EARHA	0.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	0.9
2025	1	62836	Navisun LLC	IPP	Southwick Solar, LLC	MA	67904	SOUTH	4.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.7
2025	1	13491	New York University	Commercial	New York University Central Plant	NY	54808	GR1	2.6	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	2.6
2025	1	66445	NineDot Holdings, LLC	IPP	Arthur Kill Energy, LLC	NY	67880	ND009	5.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	5.0
2025	1	66445	NineDot Holdings, LLC	IPP	Empire Clean Energy, LLC	NY	67882	ND007	5.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	5.0
2025	1	64377	Novel Blilie Solar, LLC	IPP	Novel Blilie Solar LLC	MN	64865	BLILE	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2025	1	64433	Novel Bo Hu 1 Solar LLC	IPP	Novel Bo Hu 1 Solar LLC	MN	65006	BOHU1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2025	1	66031	Novel Brock Solar HQ LLC	IPP	Novel Brock Solar LLC	MN	65024	BROCK	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2025	1	66029	Novel Froehle Solar HQ LLC	IPP	Novel Froehle Solar LLC	MN	64728	FROLE	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2025	1	66030	Novel Milbradt Solar HQ LLC	IPP	Novel Milbradt Solar LLC	MN	64729	MLBRT	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2025	1	66032	Novel Swenson Solar HQ LLC	IPP	Novel Swenson Solar LLC	MN	65025	SWNSN	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2025	1	64087	OE_MS5	IPP	OE_MS5	MS	64529	MS5_S	50.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	50.0
2025	1	66783	OneEnergy, Inc.	IPP	Lake Hallie	WI	68398	LH001	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2025	1	66833	Orchard Knob Solar LLC	IPP	Orchard Knob	OR	68463	PV1	2.3	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.3
2025	1	34691	Ormat Nevada Inc	IPP	Bsowawe	NV	10287	BWSOL	5.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.8
2025	1	65618	Pickereel Garden LLC	IPP	Pickereel Garden	MN	66578	MNC03	0.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	0.9
2025	1	65282	Prairie Switch Wind LLC	IPP	Prairie Switch Wind LLC	TX	66123	PSW1	163.2	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	163.2
2025	1	65869	Prologis Logistics Services Incorporated	IPP	CPA Wilmington 1	CA	66959	PE001	1.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.8
2025	1	65869	Prologis Logistics Services Incorporated	IPP	Des Plaines 7-SLCHI819	IL	68131	CH819	1.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.4
2025	1	65869	Prologis Logistics Services Incorporated	IPP	Franklin Park 2-SLCHI802	IL	68135	CH802	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2025	1	65869	Prologis Logistics Services Incorporated	IPP	Franklin Park 3-SLCHI803	IL	68136	CH803	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2

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)
2025	1	65869	Prologis Logistics Services Incorporated	IPP	McCook 2-SLCHI102	IL	68139	CH102	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	1	65869	Prologis Logistics Services Incorporated	IPP	Romeoville 34A-SLCHI234	IL	68239	C234A	1.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.1
2025	1	65869	Prologis Logistics Services Incorporated	IPP	Romeoville 34B-SLCHI234	IL	68235	C234B	1.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.1
2025	1	65946	Quartz Solar, LLC	IPP	Quartz Solar, LLC	AR	67038	QRTZ	135.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	135.0
2025	1	66413	Ray Ranch Solar LLC	IPP	Ray Ranch Solar	TX	67837	RAYRS	255.2	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	255.2
2025	1	66079	River Trail Solar, LLC	IPP	River Trail Solar, LLC	VA	67218	ENX22	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2025	1	66146	Ruggiello Solar, LLC	IPP	FFP - NY Ruggiello	NY	67280	P5649	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	1	66358	Russell Pacific LLC	IPP	Highway 43 1887-WD	CA	67746	HWY43	2.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.3
2025	1	66358	Russell Pacific LLC	IPP	Kern Sunset 1886-WD	CA	67750	WEEDP	2.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.4
2025	1	66287	SL Evans, LLC	IPP	NY Evans 7690 SW Blvd - SL Evans Array 1	NY	67589	21106	4.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.3
2025	1	66287	SL Evans, LLC	IPP	NY Evans 7690 SW Blvd - SL Evans Array 2	NY	67590	21107	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2025	1	66352	SMT Ironman BESS LLC	IPP	SMT Ironman Battery Storage Plant	TX	67737	SMTIR	304.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	304.0
2025	1	16609	San Diego Gas & Electric Co	Electric Utility	Dark Sky Energy Center	CA	66599	1	7.1	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	7.3
2025	1	66077	Shifting Sands Solar, LLC	IPP	Shifting Sands Solar, LLC	VA	67216	ENX24	18.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	1	66396	Solar Powered Ag, LLC	IPP	Corcoran Irrigation District Floating So	CA	67818	CIDFL	3.1	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.1
2025	1	65571	Solitude Solar Dix Duval Rd Microgrid, LLC	IPP	NY Beaver Dams Dix 1239 Duval Rd Solar	NY	66523	20149	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	1	65957	Solitude Solar New Hartford Oxford Microgrid, LLC	IPP	3715 Oxford RD	NY	67033	20148	3.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.8
2025	1	57313	Tesla Inc.	Industrial	Fremont CA AutoFactory	CA	65072	VRSR	0.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	0.4
2025	1	57313	Tesla Inc.	Industrial	Tesla Reno GigaFactory	NV	64098	3	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2025	1	20856	Wisconsin Power & Light Co	Electric Utility	Janesville Community Solar	WI	67705	PV1	2.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.3
2025	1	20856	Wisconsin Power & Light Co	Electric Utility	Rock County Customer Hosted Solar	WI	67704	PV1	1.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.4
2025	1	60059	ZGlobal Inc	IPP	Merced BESS	CA	68018	MRCDB	3.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	3.0
2025	2	65684	549 Doles Ridge Rd Solar LLC	IPP	549 Doles Ridge Rd Solar LLC	ME	66665	549DR	2.4	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.4
2025	2	65819	Ables Springs Solar, LLC	IPP	Ables Springs Solar & Storage	TX	66905	BESS	100.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	100.0
2025	2	65819	Ables Springs Solar, LLC	IPP	Ables Springs Solar & Storage	TX	66905	SOLAR	151.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	151.0
2025	2	65931	Cardinal Solar, LLC	IPP	Cardinal Solar, LLC	PA	67007	CARD	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2025	2	66545	Catalyze Breesport Road Microgrid, LLC	IPP	NY Breesport 625 Breesport Rd	NY	68003	18205	3.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.5
2025	2	65568	Catalyze Sunnyvale 367 Long Creek Road Microgrid, LLC	IPP	TX Sunnyvale 367 Long Creek Road Solar	TX	66520	19644	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	2	56769	Consolidated Edison Development Inc.	IPP	Timberland Solar	GA	65892	TSPV	140.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	140.0
2025	2	56769	Consolidated Edison Development Inc.	IPP	Wythe County Solar	VA	64448	GEN1	75.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	75.0
2025	2	66776	DIVOCSG 13 LLC	IPP	DIVOCSG 13	MN	68412	DIV13	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2025	2	5701	El Paso Electric Co	Electric Utility	Chihuahuan Desert Solar	TX	67174	10TXC	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2025	2	56201	Engie North America	IPP	Noosa Energy Storage LLC	CA	64531	KOV4A	99.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	99.0
2025	2	60025	Greenbacker Renewable Energy Corporation	IPP	Armstrong 1	IL	68415	810	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	2	60025	Greenbacker Renewable Energy Corporation	IPP	Panther Creek Wind Project	IL	63907	WTGE	54.4	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	54.4
2025	2	60025	Greenbacker Renewable Energy Corporation	IPP	Stockbridge	NY	67254	781	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	2	65805	GulfStar Power, LLC	IPP	GulfStar Power, LLC	TX	66871	BESS	300.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	300.0
2025	2	65805	GulfStar Power, LLC	IPP	GulfStar Power, LLC	TX	66871	SOLAR	451.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	451.6
2025	2	65076	HEN Infrastructure, L.L.C.	IPP	Olney	TX	65832	OLNYD	9.9	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	9.9
2025	2	65829	Hill Solar 1, LLC	IPP	Hill Solar 1, LLC	TX	66912	HS1	405.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	405.0
2025	2	64927	IP Lumina II, LLC	IPP	Lumina II Solar Project	TX	65644	LU2BA	160.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	160.0
2025	2	49893	Invenergy Services LLC	IPP	Delilah Solar Energy LLC	TX	63194	GEN1	300.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	300.0
2025	2	66817	KDC Solar Madera, LLC	IPP	Ardagh Solar	CA	68427	1	10.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	12.9
2025	2	50123	Leeward Asset Management, LLC	IPP	Morrow Lake Solar	TX	66775	MLPV	200.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	200.0
2025	2	61944	MN8 Energy LLC	IPP	Bluebird Solar LLC	KY	62797	BBIRD	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2025	2	61944	MN8 Energy LLC	IPP	Prairie Solar LLC	IL	64536	KOV4A	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2025	2	66120	McCormick NY CSG LLC	IPP	McCormick NY CSG LLC	NY	67248	MCCOR	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2025	2	65947	Northern Orchard Solar PV, LLC	IPP	Northern Orchard Solar PV, LLC	CA	67039	NO1	150.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	2	65947	Northern Orchard Solar PV, LLC	IPP	Northern Orchard Solar PV, LLC	CA	67039	NOBAT	92.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	92.0
2025	2	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	1	16.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.1
2025	2	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	2	16.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.1
2025	2	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	3	16.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.1
2025	2	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	4	16.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.1
2025	2	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	5	16.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.1
2025	2	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	6	16.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.1
2025	2	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	7	16.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.1
2025	2	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	8	16.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.1
2025	2	14127	Omaha Public Power District	Electric Utility	Standing Bear Lake	NE	64548	9	16.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.1
2025	2	14127	Omaha Public Power District	Electric Utility	Turtle Creek	NE	64547	1	221.1	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	264.0
2025	2	14127	Omaha Public Power District	Electric Utility	Turtle Creek	NE	64547	2	221.1	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	264.0
2025	2	63331	Organic Energy Solutions, Inc.	Electric CHP	OES Biogas Power	CA	63622	OES01	1.3	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation	1.3
2025	2	63331	Organic Energy Solutions, Inc.	Electric CHP	OES Biogas Power	CA	63622	OES02	1.3	Other Waste Biomass	OBG	IC	(TS) Construction complete, but not yet in commercial operation	1.3
2025	2	65869	Prologis Logistics Services Incorporated	IPP	CPA 2132 E Dominguez	CA	66957	PE901	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2025	2	65869	Prologis Logistics Services Incorporated	IPP	Northlake 5-SLCHI305	IL	68144	CH305	2.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	2	66358	Russell Pacific LLC	IPP	Nachtigall 1836-WD	CA	67747	NACHT	4.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.6
2025	2	66358	Russell Pacific LLC	IPP	Terry 1818-WD	CA	67748	TERRY	4.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.6
2025	2	65573	SL Fredonia, LLC	IPP	NY Fredonia 9824 Route 60 Solar	NY	66525	21105	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2025	2	64936	San Jacinto Grid, LLC	IPP	San Jacinto Grid, LLC	CA	65657	HESJG	65.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	65.0
2025	2	66561	Selkirk Solar LLC	IPP	NY Selkirk S Albany RD - Hemlock Hills S	NY	68037	18211	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	2	66346	Silver Peak Solar, LLC	IPP	Silver Peak	NV	67736	SP1	60.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	60.0
2025	2	66346	Silver Peak Solar, LLC	IPP	Silver Peak	NV	67736	SP2	109.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	109.0
2025	2	66346	Silver Peak Solar, LLC	IPP	Silver Peak	NV	67736	SP3	110.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	110.0
2025	2	60520	SoCore Energy LLC	IPP	City of Atwater NEM	CA	67794	PV1	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2025	2	61677	Sol Systems	IPP	Eldorado Solar I	IL	67972	ELD15	150.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	150.0
2025	2	17609	Southern California Edison Co	Electric Utility	Anode (Springville) BESS	CA	65458	ANOD1	112.5	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	112.5
2025	2	17609	Southern California Edison Co	Electric Utility	Anode (Springville) BESS	CA	65458	ANOD2	112.5	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	112.5
2025	2	65535	SunVest Solar LLC	IPP	SV CSG Bishop 1 LLC	IL	67684	BSHP1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	2	18315	Sunflower Electric Power Corp	Electric Utility	Russell	KS	67320	1	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2025	2	66078	Sunny Rock Solar, LLC	IPP	Sunny Rock Solar, LLC	VA	67217	ENX23	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2025	2	59598	Tooele Army Depot	IPP	Tooele Army Depot(CSG)	UT	59817	PV2	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2025	2	65777	Urban Grid Solar	IPP	Aspen Road Solar	PA	66838	ASPR1	106.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	100.1
2025	3	60798	69SV 8me LLC	IPP	Eland Solar & Storage Center, Phase 2 Hy	CA	61169	61169	150.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	150.0
2025	3	60798	69SV 8me LLC	IPP	Eland Solar & Storage Center, Phase 2 Hy	CA	61169	69SV8	200.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2025	3	64904	AES Clean Energy	IPP	AES Glengarry Farms Solar CSG	NY	68389	GLENG	4.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	3	64904	AES Clean Energy	IPP	AES Rt 5 Solar CSG	NY	68388	RT5SS	4.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	3	64904	AES Clean Energy	IPP	Mamm Creek	CO	67322	MCESS	10.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	11.2
2025	3	64904	AES Clean Energy	IPP	Mamm Creek	CO	67322	MCSCO	10.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	11.2
2025	3	65569	Afton Solar LLC	IPP	Afton Solar	NY	66521	18808	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	3	66540	Apex NC Solar, LLC	IPP	Apex NC Solar	NC	67997	PGR28	28.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	28.9
2025	3	15399	Avangrid Renewables LLC	IPP	Camino Solar Hybrid	CA	63508	CSPV1	44.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	44.0
2025	3	66677	BT Jungmann, LLC	IPP	BT Jungmann	TX	68246	JUNGM	40.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	40.0
2025	3	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	31	18.3	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	18.9	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.8
2025	3	65813	CES Electron Farm One, LLC	IPP	Conflitti Solar	CA	66892	CNFT1	4.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.4
2025	3	66144	Camino Ramon BR 2600 Solar Project 2020, LLC	IPP	Bishop Ranch - BR 2600	CA	67278	4146B	1.1	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	1.1
2025	3	66144	Camino Ramon BR 2600 Solar Project 2020, LLC	IPP	Bishop Ranch - BR 2600	CA	67278	4146C	0.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	0.5
2025	3	66144	Camino Ramon BR 2600 Solar Project 2020, LLC	IPP	Bishop Ranch - BR 2600	CA	67278	4147R	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2025	3	66524	Cattlemen Solar Park II LLC	IPP	Cattlemen Solar II	TX	67976	GEN01	200.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	3	4065	City of Columbus - (OH)	Electric Utility	Jackson Pike WWTP Cogen Engines	OH	67264	1	1.4	Other Waste Biomass	OBG	IC	(V) Under construction, more than 50 percent complete	1.4
2025	3	4065	City of Columbus - (OH)	Electric Utility	Jackson Pike WWTP Cogen Engines	OH	67264	2	1.4	Other Waste Biomass	OBG	IC	(V) Under construction, more than 50 percent complete	1.4
2025	3	59319	Cotton Solar, LLC	IPP	Cotton Solar	SC	59572	PV1	16.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	16.0
2025	3	61060	Cypress Creek Renewables	IPP	Gillard	IL	67637	GILLD	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	3	61060	Cypress Creek Renewables	IPP	Kinglet	VA	67647	KINGL	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	3	66014	DG Kendall, LLC	IPP	Kendall DG Solar	NY	67141	KEN	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	3	66820	DIVOCSG 14 LLC	IPP	DIVOCSG 14 LLC	MN	68457	DIV14	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2025	3	5109	DTE Electric Company	Electric Utility	Pine River Solar Park	MI	67941	PNRSP	80.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	80.0
2025	3	5109	DTE Electric Company	Electric Utility	Polaris Solar Park	MI	67757	PLRSP	100.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	100.0
2025	3	66516	Dans Mountain Wind Force, LLC	IPP	Dans Mountain	MD	67962	DMTN	54.9	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	54.9
2025	3	58135	Ecos Energy LLC	IPP	Apple Hill Solar	VT	61037	APPL	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	3	65206	Eureka North Solar LLC	IPP	Eureka North Solar	NY	66042	63232	3.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.5
2025	3	65205	Eureka South Solar LLC	IPP	Eureka South Solar	NY	66041	63231	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	3	66337	Exus New Mexico	IPP	TAG	NM	67710	TAGB1	50.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	50.0
2025	3	66337	Exus New Mexico	IPP	TAG	NM	67710	TAGS1	140.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2025	3	66676	Gransolar Texas One, LLC	IPP	Gransolar Texas One, LLC	TX	68244	GRTX1	50.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2025	3	65076	HEN Infrastructure, L.L.C.	IPP	Poteet	TX	67949	POTEB	9.9	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	9.9
2025	3	65076	HEN Infrastructure, L.L.C.	IPP	Tynan	TX	67963	TYNNB	9.9	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	9.9
2025	3	62008	Hale Kuawehi Solar LLC	IPP	Hale Kuawehi Solar Hybrid	HI	62529	HKBA	30.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	30.0
2025	3	62008	Hale Kuawehi Solar LLC	IPP	Hale Kuawehi Solar Hybrid	HI	62529	HKSQL	30.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	30.0
2025	3	66145	Highland Ave Solar 1, LLC	IPP	Borrego - Highland Ave	MA	67279	6572	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	3	66145	Highland Ave Solar 1, LLC	IPP	Borrego - Highland Ave	MA	67279	6572B	5.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	3	64738	Hummingbird Energy Storage, LLC	IPP	Hummingbird Energy Storage LLC	CA	65395	HUMB1	75.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	75.0
2025	3	66165	IOWN Renewable	IPP	Pome BESS	CA	67299	10101	100.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	100.0
2025	3	64370	IP Radian, LLC	IPP	IP Radian, LLC	TX	64859	RADBA	160.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	160.0
2025	3	50123	Leeward Asset Management, LLC	IPP	Ridgely Energy Farm	TN	65445	RBESS	50.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	50.0
2025	3	50123	Leeward Asset Management, LLC	IPP	Ridgely Energy Farm	TN	65445	RIGPV	254.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	254.0
2025	3	66431	Liberty 1 Solar LLC	IPP	Liberty Hybrid Solar and Storage Project	TX	67867	LIB2	65.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	65.0
2025	3	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	1	0.6	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	0.6
2025	3	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	2	0.6	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	0.6
2025	3	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	3	0.2	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	0.2
2025	3	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	4	0.2	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	0.2
2025	3	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	5	0.6	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	0.6
2025	3	62664	Lock 14 Hydro Partners, LLC	IPP	Heidelberg Hydroelectric Project	KY	62749	6	0.6	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	0.6
2025	3	65551	Magruder Solar, LLC	IPP	Magruder Solar	NY	66495	PV1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	3	12796	Monongahela Power Co	Electric Utility	Marlowe Solar	WV	66899	MARS	5.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.8
2025	3	66300	NY CDG Genesee 1 LLC	IPP	NY ELBA 7195 OAK ORCHARD RD - Genesee 1	NY	67609	21599	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	3	65862	NY Lodi I, LLC	IPP	Halsey Lane Solar	NY	65827	1795	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	3	66007	NY Pulteney I, LLC	IPP	Chidsey Hill Road Solar	NY	65828	1666	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.0
2025	3	61227	Nautilus Solar Solutions	IPP	Exeter Mail	RI	67411	SC	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	3	61227	Nautilus Solar Solutions	IPP	Gowans	NY	67442	SC	3.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.8
2025	3	66316	Northumberland Solar I, LLC	IPP	Northumberland Solar I	PA	67675	ENX33	65.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	65.0
2025	3	64935	Ortega Grid, LLC	IPP	Ortega Grid, LLC	CA	65656	HEORG	20.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	20.0
2025	3	14354	PacifiCorp	Electric Utility	OIT BESS	OR	67741	1	2.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	2.0
2025	3	65398	Peregrine Energy Storage, LLC	IPP	Peregrine Energy Storage LLC	CA	66286	PERE1	200.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	200.0
2025	3	64752	Perendale Holdings, LLC	IPP	Perendale Holdings, LLC	NC	65426	GEN1	7.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	7.5
2025	3	66094	Pleasant Valley Solar, LLC	IPP	Matrix Pleasant Valley	ID	67211	MRPV	200.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2025	3	65869	Prologis Logistics Services Incorporated	IPP	Addison 11-SLCHI404	IL	68118	CH404	1.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.6
2025	3	65869	Prologis Logistics Services Incorporated	IPP	Bensenville Ind Park 10-SLCHI410	IL	68123	CH410	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2025	3	65869	Prologis Logistics Services Incorporated	IPP	Elk Grove 1-SLCHI701	IL	68132	CH701	1.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.7
2025	3	66647	Prosperity Wind	IPP	Prosperity Wind	IL	68193	PROSP	300.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	300.0
2025	3	5624	RED-Rochester, LLC	Industrial	RED-Rochester, LLC	NY	10025	49CTG	36.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	42.0
2025	3	56215	RWE Renewables Americas, LLC	IPP	Peyton Creek Wind Farm II	TX	67700	WT2	243.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	243.0
2025	3	66417	SBESS TX6 LLC	IPP	Hidden Lakes	TX	67844	HIDD	9.9	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	9.9
2025	3	65959	SL Sherman II, LLC	IPP	NY SHERMAN 191 W MAIN ST - SL 2	NY	67035	21109	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2025	3	66021	SR Albany, LLC	IPP	SR Albany, LLC	TN	67126	ALBNY	4.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.3
2025	3	65071	SloughHouse Solar, LLC	IPP	SloughHouse Solar, LLC	CA	65807	SHS	50.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2025	3	63257	Solar Carver 1, LLC	IPP	Solar Carver 1 Hybrid	MA	63541	BCRV1	2.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	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	3	63257	Solar Carver 1, LLC	IPP	Solar Carver 1 Hybrid	MA	63541	SCRV1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	3	63243	Solar Carver 3, LLC	IPP	Solar Carver 3 Hybrid	MA	63506	BCRV3	1.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	1.0
2025	3	63243	Solar Carver 3, LLC	IPP	Solar Carver 3 Hybrid	MA	63506	SCRV3	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2025	3	60531	Standard Solar	IPP	HCE Red House Solar, LLC	VA	66121	REDHS	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	3	18642	Tennessee Valley Authority	Electric Utility	Vonore Battery Energy Storage System	TN	64255	VBESS	20.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	20.0
2025	3	57313	Tesla Inc.	Industrial	Fremont CA AutoFactory	CA	65072	GVSRS	0.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	0.5
2025	3	57313	Tesla Inc.	Industrial	Fremont CA AutoFactory	CA	65072	STAMP	1.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.4
2025	3	66643	Trousdale Solar I	IPP	Trousdale Solar I	NY	68188	TROU1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	3	66644	Trousdale Solar II, LLC	IPP	Trousdale Solar II	NY	68190	TROU1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2025	3	65601	Wheatridge East Wind LLC	IPP	Wheatridge East Wind	OR	66560	WREW	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	3	66633	Wheatsborough Solar, LLC	IPP	Wheatsborough Solar	OH	68199	WHEAT	125.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	125.0
2025	3	66336	Wild Plains Wind Project, LLC	IPP	WPWP	KS	67722	WPWP	307.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	307.2
2025	4	64904	AES Clean Energy	IPP	Cabin Creek MD	MD	68301	CABCR	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	4	64904	AES Clean Energy	IPP	Morris Solar	MO	68048	MORRI	250.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	250.0
2025	4	64904	AES Clean Energy	IPP	Vermilion Solar I LLC	IL	67716	VERM1	1.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.9
2025	4	66548	Above Grid Binghamton Solar LLC	IPP	Johnson City Solar	NY	68010	18878	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	4	66547	Above Grid Montour Solar LLC	IPP	Above Grid Montour Solar LLC	NY	68008	20435	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	4	65997	Amite Solar, LLC	IPP	Amite Solar, LLC	LA	67088	AMITE	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2025	4	66555	BCE Seal Beach	IPP	BCE Seal Beach	CA	68023	SBBS1	16.7	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	16.7
2025	4	66555	BCE Seal Beach	IPP	BCE Seal Beach	CA	68023	SBPV1	12.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	12.0
2025	4	66064	Bexar ESS, LLC	IPP	Bexar ESS	TX	66400	OCBEX	100.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	100.0
2025	4	65673	Blackwell Test Facility, LLC	IPP	Blackwell?s Corner Storage Facility	CA	66648	BLKWL	2.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	4	66279	CHI NV Solar LLC	IPP	NV - Nokomis - CHI	NV	67591	CHINV	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2025	4	65564	Catalyze Dallas 7750 Dynasty Drive Microgrid, LLC	IPP	TX Dallas 7750 Dynasty Drive	TX	66516	19500	2.3	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.3
2025	4	65559	Catalyze Riverside 2356 Fleetwood Drive Microgrid LLC	IPP	CA Riverside 2356 Fleetwood Dr.	CA	66511	18262	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	4	65559	Catalyze Riverside 2356 Fleetwood Drive Microgrid LLC	IPP	CA Riverside 2356 Fleetwood Dr.	CA	66511	B8262	2.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	2.0
2025	4	66515	Crossover Wind, LLC	IPP	Crossover Wind	AR	67959	CWCP	135.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	144.0
2025	4	60025	Greenbacker Renewable Energy Corporation	IPP	Moscow	ME	67847	703	58.8	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	58.8
2025	4	49893	Invenergy Services LLC	IPP	Yuma Solar + Storage	AZ	67321	BESS1	67.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	67.0
2025	4	66317	Kola Energy Storage, LLC	IPP	Kola Energy Center	CA	67680	KOLA2	125.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	125.0
2025	4	66149	Magic Mountain Parkway Solar Project 2023, LLC	IPP	Six Flags Magic Mountain	CA	67283	6569	10.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	10.0
2025	4	66149	Magic Mountain Parkway Solar Project 2023, LLC	IPP	Six Flags Magic Mountain	CA	67283	6569B	2.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	2.0
2025	4	66405	Mordor ES1 LLC	IPP	Mordor ES1	CA	67828	MES1	25.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	25.0
2025	4	66406	Mordor ES2 LLC	IPP	Mordor ES2	CA	67829	MES2	20.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	20.0
2025	4	66321	NY CDG Montgomery 1 LLC	IPP	NY FONDA 182 BOSHART RD - Montgomery 1	NY	67679	21601	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	4	66422	ORNI 30 LLC	IPP	Arrowleaf Solar and Storage	CA	67850	ALBS1	35.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	35.0
2025	4	66422	ORNI 30 LLC	IPP	Arrowleaf Solar and Storage	CA	67850	ALS1	42.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	42.0
2025	4	65082	Orange Grove	IPP	Orange Grove	TX	65891	TALPV	131.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	131.0
2025	4	65081	Oriana Solar LLC	IPP	Oriana Solar LLC	TX	65849	ORIPV	180.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	180.0
2025	4	66304	PFMD LL Baltimore LLC	IPP	MD BALTIMORE 4851 HOLABIRD AVE	MD	67671	21376	1.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.8
2025	4	62646	Painter Energy Storage, LLC	IPP	Painter Energy Storage	CA	62729	PAIN1	10.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	10.0
2025	4	65869	Prologis Logistics Services Incorporated	IPP	Bensenville 2-SLCHI526	IL	68122	CH526	1.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.9
2025	4	65869	Prologis Logistics Services Incorporated	IPP	Bensenville Ind Park 4-SLCHI424	IL	68127	CH424	1.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.7
2025	4	64698	Renewable Solar, Inc	Industrial	Allied Potato	CA	68150	19073	1.2	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.2
2025	4	16609	San Diego Gas & Electric Co	Electric Utility	Santee BESS	CA	67118	1	10.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	10.0
2025	4	66348	Silver State South Storage, LLC	IPP	Silver State South Storage	NV	67734	SSSB	200.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	200.0
2025	4	64778	Strata Manager, LLC	IPP	Scatter Wash 1	AZ	67454	SW1	170.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	170.0
2025	4	65535	SunVest Solar LLC	IPP	SV CSG German Valley 1 LLC	IL	67687	GEVA1	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2025	4	65535	SunVest Solar LLC	IPP	SV CSG Plato Solar 1 LLC	IL	67683	PLATO	4.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.3
2025	4	18454	Tampa Electric Co	Electric Utility	Lake Mabel Solar and Battery Storage	FL	66128	BESS1	40.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	40.0
2025	4	18454	Tampa Electric Co	Electric Utility	Wimauma Solar and Battery Storage	FL	61667	BESS1	40.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	40.0
2025	4	66517	Two Hearted Solar, LLC	IPP	Two Hearted Solar,LLC	NC	67969	PGR28	22.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	22.0
2025	4	65777	Urban Grid Solar	IPP	Jones Farm Solar	MD	66842	JONF1	64.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	64.0
2025	4	66423	VESI 34 LLC	IPP	Montague Energy Storage	NJ	67851	MONT1	20.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	20.0
2025	4	64545	Vesper Energy Development LLC	IPP	Hornet Solar (TX)	TX	65463	HRNET	600.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	600.0
2025	4	65703	Winfield Solar I, LLC	IPP	Winfield Solar	MO	66696	WINSF	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2025	5	64904	AES Clean Energy	IPP	McFarland C	AZ	67498	MCFRC	185.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	185.0
2025	5	65759	Ash Creek	IPP	Ash Creek Solar	TX	66774	78663	408.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	408.9
2025	5	66483	BHS Solar, LLC	IPP	Black Hollow Sun	CO	64745	BHS01	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	5	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881	05	210.2	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	245.7
2025	5	64244	Big Rock ESS Assets, LLC	IPP	Big Rock Solar Farm	CA	64636	92JTB	200.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	5	66526	Burksol, LLC	IPP	Burksol Energy Storage	TX	67968	BES	100.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	100.0
2025	5	65936	CPV Backbone Solar, LLC	IPP	CPV Backbone Solar	MD	67022	BB1	160.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	175.0
2025	5	2719	CalWind Resources Inc	IPP	Tehachapi Wind Resource II	CA	54909	PLAN	15.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	15.5
2025	5	66570	Catalina Solar, LLC	IPP	Catalina Solar (SC)	SC	68060	CAT01	75.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	75.0
2025	5	66217	Copia Power	IPP	Harquahala 2	AZ	67474	BESS1	150.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	5	66217	Copia Power	IPP	Harquahala 2	AZ	67474	PV1	150.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	5	62733	Cranberry Point Energy Storage LLC	IPP	Cranberry Point Energy Storage	MA	62844	NA	150.0	Batteries	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	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	5	61060	Cypress Creek Renewables	IPP	Towanda	IL	67644	TWNDA	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	5	61060	Cypress Creek Renewables	IPP	Varnsen	IL	67645	TWNDA	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	5	66292	Desert Willow Energy Storage	IPP	Desert Willow Energy Storage	TX	67598	DWES	150.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	150.0
2025	5	66703	Green River Solar, LLC	IPP	Green River Solar	KY	68297	4598	200.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	5	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Tipton 2 Solar Park	IN	66937	TIPT2	2.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.7
2025	5	9234	Indiana Municipal Power Agency	Electric Utility	IMPA Veedersburg Solar Park	IN	66938	VEED	1.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 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	Solar Photovoltaic	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	Solar Photovoltaic	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	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	340.0
2025	5	65920	Kindle Energy LLC	IPP	Magnolia Power	LA	67005	MAGU1	678.7	Natural Gas Fired Combined Cycle	NG	CS	(V) Under construction, more than 50 percent complete	722.9
2025	5	66317	Kola Energy Storage, LLC	IPP	Kola Energy Center	CA	67680	KOLA	400.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	400.0

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	5	61227	Nautilus Solar Solutions	IPP	KE73	DE	67391	SC	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2025	5	62836	Navisun LLC	IPP	Oak Leaf Solar XVII	MA	67900	DOOLI	2.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.9
2025	5	65088	Nighthawk Energy Storage, LLC	IPP	Nighthawk Energy Storage, LLC	CA	65889	BESS	300.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	300.0
2025	5	66445	NineDot Holdings, LLC	IPP	Nelson Clean Energy, LLC	NY	67885	ND005	3.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	3.0
2025	5	66445	NineDot Holdings, LLC	IPP	Nelson Clean Energy, LLC	NY	67885	ND006	5.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	5	65081	Oriana Solar LLC	IPP	Oriana Solar LLC	TX	65849	ORIBS	61.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	61.0
2025	5	65869	Prologis Logistics Services Incorporated	IPP	Bensenville 13-SLCHI513	IL	68120	CH513	1.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.4
2025	5	65869	Prologis Logistics Services Incorporated	IPP	Bensenville 14-SLCHI414	IL	68121	CH414	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.3
2025	5	65869	Prologis Logistics Services Incorporated	IPP	Bensenville Ind Park 11	IL	68124	CH411	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2025	5	15500	Puget Sound Energy Inc	IPP	Beaver Creek Wind Facility	MT	65019	BCW2	16.8	Onshore Wind Turbine	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	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	62.0
2025	5	65751	RE Papago LLC	IPP	Papago Energy Storage	AZ	66779	PPABA	300.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	300.0
2025	5	65114	Rocking R Solar, LLC	IPP	Rocking R Solar, LLC	LA	65941	RRS	72.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	72.5
2025	5	66358	Russell Pacific LLC	IPP	Pistachio Road 1726-WD	CA	67749	TIWISS	4.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.8
2025	5	65087	SMS DC CS01B, LLC	IPP	Gallaudet Uni Community Solar	DC	65896	GUCS1	2.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.6
2025	5	64994	SolRiver Capital LLC	IPP	Longleaf Pine Solar LLC	NC	66352	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	5	64994	SolRiver Capital LLC	IPP	Williams Solar LLC	NC	66356	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	5	17633	Southern Indiana Gas & Elec Co	Electric Utility	A B Brown	IN	6137	6	226.5	Natural Gas Fired Combustion Turbine	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	Natural Gas Fired Combustion Turbine	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	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	191.0
2025	5	64778	Strata Manager, LLC	IPP	Scatter Wash 2	AZ	67455	SW2	85.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	85.0
2025	5	57313	Tesla Inc.	Industrial	Fremont CA AutoFactory	CA	65072	GA3	1.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.5
2025	5	65640	Vineyard Wind 1 LLC	IPP	Vineyard Wind 1	MA	63093	VW01	800.0	Offshore Wind Turbine	WND	WS	(V) Under construction, more than 50 percent complete	800.0
2025	5	20847	Wisconsin Electric Power Co	Electric Utility	Darien Solar	WI	64534	1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2025	5	20847	Wisconsin Electric Power Co	Electric Utility	Paris Solar	WI	65967	PSLR2	100.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	100.0
2025	6	64904	AES Clean Energy	IPP	AES Bend Solar I, LLC	IL	67719	BEND1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	6	64904	AES Clean Energy	IPP	AES Bend Solar II, LLC	IL	67718	BEND2	1.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.9
2025	6	64904	AES Clean Energy	IPP	Keydet Solar Center	VA	68418	KEYDT	120.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	120.0
2025	6	64904	AES Clean Energy	IPP	Triple S Solar I LLC	IL	67717	TRIP1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2025	6	66716	ATLAS BESS IV, LLC	IPP	Atlas BESS IV LLC	AZ	68321	ALT4	150.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	150.0
2025	6	796	Arizona Electric Pwr Coop Inc	Electric Utility	Apache Station	AZ	160	GT5	37.9	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	41.4
2025	6	796	Arizona Electric Pwr Coop Inc	Electric Utility	Apache Station	AZ	160	GT6	37.9	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	41.4
2025	6	66719	Atlas IX LLC	IPP	Atlas IX	AZ	68324	ALT9	150.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	150.0
2025	6	66717	Atlas VII LLC	IPP	Atlas VII	AZ	68322	ALT7A	180.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	180.0
2025	6	66717	Atlas VII LLC	IPP	Atlas VII	AZ	68322	ALT7B	120.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	120.0
2025	6	15399	Avangrid Renewables LLC	IPP	Powell Creek Solar	OH	65997	PCS1	150.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	6	64739	Black Walnut Energy Storage LLC	IPP	Black Walnut Energy Storage LLC	CA	65396	BW1	15.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	15.0
2025	6	61143	Bridge Energy LLC	Industrial	Blacksand Generating Facility	CA	56090	D191	0.8	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	0.8
2025	6	61143	Bridge Energy LLC	Industrial	Blacksand Generating Facility	CA	56090	D192	0.8	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	0.8
2025	6	58416	California State University, Northridge	Commercial	CSU Northridge Plant	CA	58422	G6PV	0.7	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	0.8
2025	6	65512	Catalyze Bloomington 2551 S Lilac Avenue Microgrid LLC	IPP	CA Bloomington 2551 S Lilac Avenue Micro	CA	66475	18263	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2025	6	65512	Catalyze Bloomington 2551 S Lilac Avenue Microgrid LLC	IPP	CA Bloomington 2551 S Lilac Avenue Micro	CA	66475	B8263	1.5	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	1.5
2025	6	1512	City of Belleville - (KS)	Electric Utility	Belleville	KS	1263	9	3.0	Petroleum Liquids	DFO	IC	(U) Under construction, less than or equal to 50 percent complete	3.0
2025	6	4226	Consolidated Edison Co-NY Inc	Electric Utility	Brownsville Energy Storage System	NY	68346	ESSBR	5.8	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.8
2025	6	56769	Consolidated Edison Development Inc.	IPP	Alamo 4 BESS	TX	66294	A4BS1	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	6	56769	Consolidated Edison Development Inc.	IPP	Alamo 5 BESS 1	TX	66295	A5BS1	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	6	56769	Consolidated Edison Development Inc.	IPP	Alamo 5 BESS 2	TX	66296	A5BS2	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	6	4254	Consumers Energy Co - (MI)	Electric Utility	Muskegon Solar	MI	65572	MSP	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2025	6	64843	Dakota County, MN	Electric Utility	Bylesby	MN	50328	NOR-1	2.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	2.0
2025	6	64843	Dakota County, MN	Electric Utility	Bylesby	MN	50328	SOU-2	2.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	2.0
2025	6	65762	Elevate Middletown, LLC	IPP	Elevate Middletown	CT	66786	ELVMT	275.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	275.0
2025	6	66467	Escape Solar LLC	IPP	Escape Solar Plant	NV	67898	ESPH1	70.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	70.0
2025	6	66359	Fort Duncan BESS, LLC	IPP	Fort Duncan BESS	TX	67752	FTDUN	102.6	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	102.6
2025	6	63524	Freepoint Commodities LLC	IPP	Raceway Solar	DE	63846	RACE	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2025	6	65761	GB Arthur Kill Storage LLC	IPP	Elevate Arthur Kill	NY	66785	ELVAK	15.1	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	15.1
2025	6	61194	Generate Capital	IPP	Freeport 18th Solar	IL	67624	11084	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	6	7570	Great River Energy	Electric Utility	Cambridge CT Hybrid	MN	2038	BA1	1.2	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	1.5
2025	6	60025	Greenbacker Renewable Energy Corporation	IPP	Tully 1	IL	67255	814	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	6	65961	Grimes County Solar Project, LLC	IPP	Grimes County Solar	TX	67046	GS1	210.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	210.0
2025	6	66364	Hart Wind, LLC	IPP	Hart Wind	TX	67763	5932	166.4	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	166.4
2025	6	66442	Heirloom Solar (Ratts 1 Phase 2 Solar, LLC)	IPP	Heirloom Solar	IN	67873	RAT2	60.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	60.0
2025	6	66070	Hornshadow Solar II, LLC	IPP	Hornshadow Solar II, LLC	UT	67511	HS2ES	50.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	50.0
2025	6	66070	Hornshadow Solar II, LLC	IPP	Hornshadow Solar II, LLC	UT	67511	HS2L	200.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	200.0
2025	6	66059	Hornshadow Solar, LLC	IPP	Hornshadow Solar, LLC	UT	67497	HSESS	25.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	25.0
2025	6	66059	Hornshadow Solar, LLC	IPP	Hornshadow Solar, LLC	UT	67497	HSL	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
2025	6	66127	Howard University	Electric CHP	CHP Plant	DC	67265	CTG-1	5.3	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	5.7
2025	6	65792	ITT Energy Tech Partners, LLC	Commercial	ITT Cogen Facility	IL	52021	GEN3	4.1	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.1
2025	6	65792	ITT Energy Tech Partners, LLC	Commercial	ITT Cogen Facility	IL	52021	GEN4	4.1	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.1
2025	6	9191	Idaho Power Co	Electric Utility	Happy Valley Battery Storage	ID	67573	HPVY	82.0	Batteries	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	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.3
2025	6	65920	Kindle Energy LLC	IPP	Mountain Peak Power Station	CO	68386	MPP_1	23.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	27.1
2025	6	65920	Kindle Energy LLC	IPP	Mountain Peak Power Station	CO	68386	MPP_2	23.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	27.1
2025	6	65920	Kindle Energy LLC	IPP	Mountain Peak Power Station	CO	68386	MPP_3	23.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	27.1
2025	6	65920	Kindle Energy LLC	IPP	Mountain Peak Power Station	CO	68386	MPP_4	23.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	27.1
2025	6	65920	Kindle Energy LLC	IPP	Mountain Peak Power Station	CO	68386	MPP_5	23.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	27.1
2025	6	65920	Kindle Energy LLC	IPP	Mountain Peak Power Station	CO	68386	MPP_6	23.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	27.1
2025	6	66265	Kuna BESS, LLC	IPP	Kuna BESS	ID	67549	1	150.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	6	66210	Lane City Wind, LLC	IPP	Lane City Wind	TX	67443	LCW1	202.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	202.5
2025	6	61307	Lockheed Martin RMS	Industrial	Lockheed Martin Solar	FL	61694	E6CRT	1.0	Petroleum Liquids	DFO	IC	(P) Planned for installation, but regulatory approvals not initiated	1.0
2025	6	12320	Merck & Co Inc	Industrial	Elkton	VA	52148	GEN10	2.0	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	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	13902	NorthWestern Energy (MT Hydro)	Electric Utility	Hauser	MT	2185	HAU10	3.5	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	3.5
2025	6	62112	Overlook Medical Center	Commercial	Overlook Medical Center	NJ	62622	CHPS4	2.7	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	2.6
2025	6	15248	Portland General Electric Co	Electric Utility	Seaside BESS	OR	67711	SESD1	200.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	6	65869	Prologis Logistics Services Incorporated	IPP	Cicero 3-SLCHI603	IL	68129	CH603	1.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.9
2025	6	65869	Prologis Logistics Services Incorporated	IPP	Glendale Heights 10-SLCHI910	IL	68137	CH910	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.3
2025	6	65869	Prologis Logistics Services Incorporated	IPP	Northlake 3-SLCHI303	IL	68142	CH303	1.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.6
2025	6	65869	Prologis Logistics Services Incorporated	IPP	Northlake 4-SLCHI304	IL	68143	CH304	1.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.4
2025	6	56215	RWE Renewables Americas, LLC	IPP	Union Ridge Solar	OH	65338	UNIS1	108.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	108.0
2025	6	66441	Ratts 1 Solar LLC	IPP	RATTS 1	IN	67872	RAT1	150.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2025	6	64587	Renegade Renewables, LLC	IPP	Renegade Solar Project (Dawn)	TX	65310	DAWN1	515.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	515.0
2025	6	66557	SL Jamestown II, LLC	IPP	SL JAMESTOWN ARRAY 2	NY	68026	21108	4.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.8
2025	6	66556	SL Jamestown, LLC	IPP	SL JAMESTOWN ARRAY 1	NY	68025	21103	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2025	6	66019	SR Blount, LLC	IPP	SR Blount, LLC	TN	67124	BLOUN	1.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.5
2025	6	66020	SR Christiana, LLC	IPP	SR Christiana, LLC	TN	67125	CHRIS	3.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.3
2025	6	66595	SR Maryville East, LLC	IPP	SR Maryville East	TN	68108	MARYE	7.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	7.5
2025	6	66603	SR Maryville, LLC	IPP	SR Maryville	TN	68109	MARY	1.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.3
2025	6	66226	Serrano Solar, LLC	IPP	Serrano	AZ	67503	GEN01	170.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	170.0
2025	6	66226	Serrano Solar, LLC	IPP	Serrano	AZ	67503	GEN02	213.8	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	213.8
2025	6	64994	SolRiver Capital LLC	IPP	Rhubarb One SC	SC	59596	PV1	9.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	9.6
2025	6	66813	St Gall Energy Storage II LLC	IPP	St Gall Energy Storage II	TX	68423	SGES2	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	6	66095	Stillhouse Solar LLC	IPP	OCI Stillhouse Solar	TX	65894	OCISS	210.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	210.0
2025	6	66152	Sun Streams Expansion, LLC	IPP	Sun Streams 4	AZ	67291	GEN01	300.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2025	6	66152	Sun Streams Expansion, LLC	IPP	Sun Streams 4	AZ	67291	GEN02	300.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	300.0
2025	6	66814	Tibbits Energy Storage LLC	IPP	Tibbits Energy Storage	MI	68424	TIBB1	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	104.9
2025	6	65427	Tidwell Prairie	IPP	Tidwell Prairie Storage 1	TX	66337	SGES1	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	6	65173	United States Solar Corporation	IPP	USS Golden Spike Solar LLC	MN	67546	USGSP	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
2025	6	64545	Vesper Energy Development LLC	IPP	TX Nazareth Solar	TX	67575	NZRTH	201.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	201.0
2025	6	6775	Village of Freeport - (NY)	Electric Utility	Plant No 1 Freeport	NY	2678	ENG13	3.0	Landfill Gas	LFG	IC	(U) Under construction, less than or equal to 50 percent complete	3.0
2025	7	64904	AES Clean Energy	IPP	Vermilion Solar II LLC	IL	67715	VERM2	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2025	7	66354	Anole Energy Storage, LLC	IPP	Anole Energy Storage	TX	67740	AES	240.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	240.0
2025	7	11135	City of Logan - (UT)	Electric Utility	Logan City 2	UT	67445	1	2.5	Natural Gas Fired Combustion Turbine	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	Natural Gas Fired Combustion Turbine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	2.5
2025	7	56769	Consolidated Edison Development Inc.	IPP	Peregrine BESS 1	TX	66301	PGBS1	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	7	56769	Consolidated Edison Development Inc.	IPP	Peregrine BESS 2	TX	66302	PGBS2	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	7	56769	Consolidated Edison Development Inc.	IPP	Peregrine Solar	TX	65979	PSPV	300.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	300.0
2025	7	61060	Cypress Creek Renewables	IPP	Bear Ridge	NY	67650	BEARR	93.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	93.0
2025	7	61060	Cypress Creek Renewables	IPP	Leatherleaf	NY	67639	LLEAF	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2025	7	66480	Daggett Solar Power 1 LLC	IPP	Daggett 1	CA	67931	DAG1	113.5	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	113.5
2025	7	66365	Golden Fields Solar IV, LLC	IPP	Rosamond South 1	CA	67764	RBESS	117.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	117.0
2025	7	66365	Golden Fields Solar IV, LLC	IPP	Rosamond South 1	CA	67764	RS1	140.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2025	7	65076	HEN Infrastructure, L.L.C.	IPP	Coyote Springs (TX)	TX	65811	CYSTD	9.9	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	9.9
2025	7	65076	HEN Infrastructure, L.L.C.	IPP	Saddleback	TX	65834	SDBTD	9.9	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	9.9
2025	7	65096	Hatchery Solar, LLC	IPP	Hatchery Solar	NY	65901	6	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	7	49893	Invenergy Services LLC	IPP	Delilah Solar Energy II LLC	TX	63884	GEN1	310.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	310.0
2025	7	11208	Los Angeles Department of Water & Power	Electric Utility	Intermountain Power Project	UT	6481	3	420.0	Natural Gas Fired Combined Cycle	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	Natural Gas Fired Combined Cycle	NG	CS	(P) Planned for installation, but regulatory approvals not initiated	420.0
2025	7	64684	Mulligan Solar	IPP	Mulligan Solar, LLC	IL	65349	MLGA2	40.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	40.0
2025	7	66679	NY CDG Oneida 2 LLC	IPP	Oneida 2 CDG	NY	68259	21108	3.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.3
2025	7	65869	Prologis Logistics Services Incorporated	IPP	Bensenville Ind Park 12-SLCHI412	IL	68125	CH412	1.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.1
2025	7	65869	Prologis Logistics Services Incorporated	IPP	Bensenville Ind Park 2-SLCHI402	IL	68126	CH402	1.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.1
2025	7	65869	Prologis Logistics Services Incorporated	IPP	Bensenville Ind Park 6-SLCHI406	IL	68128	CH406	1.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.1
2025	7	65869	Prologis Logistics Services Incorporated	IPP	Commerce Distribution Center 4-SLLAX113	CA	68238	LA113	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2025	7	65869	Prologis Logistics Services Incorporated	IPP	Northlake 2-SLCHI302	IL	68141	CH302	1.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.6
2025	7	65093	RPCA Storage 1, LLC	IPP	Industrial Parkway Storage	CA	65897	INPKY	9.8	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	9.8
2025	7	66011	SR Monroe, LLC	IPP	SR Monroe, LLC	TN	67133	MONRO	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2025	7	66600	SR Trezevant, LLC	IPP	SR Trezevant	TN	68114	TREZE	6.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	6.5
2025	7	66669	Solar Star 3, LLC	IPP	Solar Star 3	CA	68240	SS3BT	23.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	23.0
2025	7	66669	Solar Star 3, LLC	IPP	Solar Star 3	CA	68240	SS3PV	24.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	24.0
2025	7	18454	Tampa Electric Co	Electric Utility	South Tampa Resiliency Project	FL	66920	MPS01	18.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.8
2025	7	18454	Tampa Electric Co	Electric Utility	South Tampa Resiliency Project	FL	66920	MPS02	18.8	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.8
2025	7	18454	Tampa Electric Co	Electric Utility	South Tampa Resiliency Project	FL	66920	MPS03	18.8	Natural Gas Internal Combustion Engine	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	MPS04	18.8	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	18.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G21	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G22	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G23	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G24	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G25	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G26	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G27	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G28	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G29	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G30	53.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	65.8
2025	7	57313	Tesla Inc.	Industrial	Austin TX GigaFactory	TX	65070	A04	2.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.3
2025	7	57313	Tesla Inc.	Industrial	Austin TX GigaFactory	TX	65070	B05	1.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.2
2025	7	57313	Tesla Inc.	Industrial	Austin TX GigaFactory	TX	65070	B07	1.1	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.1
2025	7	57313	Tesla Inc.	Industrial	Austin TX GigaFactory	TX	65070	C01	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2025	7	64808	Verizon Communications	IPP	Verizon Comms Garage Top Solar Project	CA	65507	VCGSP	2.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.3
2025	8	61012	AES Distributed Energy	IPP	AES Mountain View Solar	HI	66002	MVSBA	7.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	7.0

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	8	61012	AES Distributed Energy	IPP	AES Mountain View Solar	HI	66002	MVSPV	7.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	7.0
2025	8	61012	AES Distributed Energy	IPP	AES Waiawa Phase 2 Solar	HI	66066	WAIBA	30.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	30.0
2025	8	61012	AES Distributed Energy	IPP	AES Waiawa Phase 2 Solar	HI	66066	WAIPV	30.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	30.0
2025	8	221	Alaska Village Elec Coop, Inc	Electric Utility	Bethel	AK	6566		8	2.9 Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	2.9
2025	8	65270	Blue Elk I Solar, LLC	IPP	Blue Elk I Solar, LLC	MI	66107	BEI	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2025	8	11135	City of Logan - (UT)	Electric Utility	Logan City 2	UT	67445		3	2.5 Natural Gas Fired Combustion Turbine	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 Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	2.5
2025	8	59774	Crawfordsville Energy LLC	IPP	Crawfordsville Power Plant	IN	1024		8	16.3 Natural Gas Fired Combined Cycle	NG	CS	(T) Regulatory approvals received. Not under construction	16.3
2025	8	65639	Cross Town Energy Storage LLC	IPP	Cross Town Energy Storage	ME	66606	CROS1	175.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	175.0
2025	8	6455	Duke Energy Florida, LLC	Electric Utility	Sundance Renewable Energy Center	FL	67692	68049	74.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.9
2025	8	66513	East Atmore Solar, LLC	IPP	East Atmore Solar	AL	67957	EATMR	80.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	80.0
2025	8	62856	Forefront Power, LLC	IPP	CA-Ventura County CCD-Ventura College	CA	65527	17024	2.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	8	66826	Gibson Solar, LLC	IPP	Gibson Solar	IN	68455	GIBBY	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2025	8	9417	Interstate Power and Light Co	Electric Utility	Clinton Schools	IA	67965	PV1	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.3
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G1	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G10	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G2	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G3	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G4	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G5	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G6	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G7	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G8	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	11269	Lower Colorado River Authority	Electric Utility	Maxwell Peaker Plant	TX	66335	G9	18.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.0
2025	8	65869	Prologis Logistics Services Incorporated	IPP	Des Plaines 11-SLCHI211	IL	68130	CH211	1.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.6
2025	8	65869	Prologis Logistics Services Incorporated	IPP	South Bay Dis Ctr 20-SLLAX512	CA	68237	LA512	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.3
2025	8	66141	Solar PV Development NM 18 II LLC	IPP	Solar PV Development NM 18 II LLC	NM	67260	SPD	130.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	130.0
2025	8	66670	Solar Star 4, LLC	IPP	Solar Star 4	CA	68241	SS4BT	23.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	23.0
2025	8	66670	Solar Star 4, LLC	IPP	Solar Star 4	CA	68241	SS4PV	24.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	24.0
2025	8	65777	Urban Grid Solar	IPP	Egypt Road Solar	MD	66840	EGYR1	51.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	51.1
2025	8	62650	Victorville Energy Center, LLC	Industrial	Victorville Energy Center, LLC (CA)	CA	62726		1	20.1 All Other	WH	ST	(P) Planned for installation, but regulatory approvals not initiated	20.1
2025	9	1307	Basin Electric Power Coop	Electric Utility	Pioneer Generation Station	ND	57881		04	210.2 Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	245.7
2025	9	66053	Beehive Energy Storage, LLC	IPP	Beehive Energy Storage	AZ	67184	BHV1	250.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	250.0
2025	9	63421	Biggs Ford Solar Center, LLC	IPP	Biggs Ford Solar Center	MD	61321	BFSC	15.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	15.0
2025	9	65102	Clear View Solar, LLC	IPP	Clear View Solar	NY	65931		3	20.0 Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	9	66426	Dill Holdings LLC	IPP	Dill Holdings LLC	NC	67858	DILL1	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2025	9	66801	Ellis Creek Solar, LLC	IPP	Ellis Creek Solar	CA	68442		17188	4.0 Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2025	9	65982	Flat Fork Solar, LLC	IPP	Flat Fork Solar	AR	67076	FFOR1	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	9	61194	Generate Capital	IPP	Lilly Pond Road Solar 1, LLC	IL	67623	11111	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2025	9	61421	LeGore Bridge Solar Center, LLC	IPP	LeGore Bridge Solar Center	MD	61796	LGBSC	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2025	9	66420	Luna Valley Solar I, LLC	IPP	Luna Valley	CA	67848	LVPV	200.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	9	66427	McDowell Creek Solar LLC	IPP	McDowell Creek Solar LLC	NC	67857	MCDOW	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2025	9	12796	Monongahela Power Co	Electric Utility	Wylie Ridge Solar	WV	66901	WRS	8.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	8.4
2025	9	66027	Orsted Wind Power North America LLC	IPP	Revolution Wind	RI	65500	REVWD	715.0	Offshore Wind Turbine	WND	WS	(U) Under construction, less than or equal to 50 percent complete	715.0
2025	9	14354	PacifiCorp	Electric Utility	Rock Creek Wind	WY	67769		II	400.0 Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	400.0
2025	9	66080	Prairie Solar, LLC (VA)	IPP	Prairie Solar, LLC (VA)	VA	67219	ENX21	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	9	65869	Prologis Logistics Services Incorporated	IPP	Elk Grove 51-SLCHI151	IL	68133	CH151	1.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.4
2025	9	65869	Prologis Logistics Services Incorporated	IPP	Elwood 1-SLCHI901	IL	68134	CH901	1.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.3
2025	9	65869	Prologis Logistics Services Incorporated	IPP	Melrose Park 2-SLCHI547	IL	68140	CH547	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2025	9	15500	Puget Sound Energy Inc	IPP	Beaver Creek Wind Facility	MT	65019	BCW1	16.8	Onshore Wind Turbine	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	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	62.0
2025	9	65535	SunVest Solar LLC	IPP	DeKalb Taylor LLC	IL	67686	DEKTY	4.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.9
2025	9	2770	Terra-Gen Operating Co-Wind	IPP	Monte Cristo 1	TX	67875	GEN1	238.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	238.5
2025	9	65777	Urban Grid Solar	IPP	Spring Grove Solar 2	VA	66844	SPRG2	194.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2025	9	66799	WPR RE Holdings, LLC	IPP	WPR RE Holdings	CA	68436		22323	2.9 Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.9
2025	10	63825	45MG 8me LLC	IPP	Aratina Solar Center 2	CA	64215	45MGA	200.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	200.0
2025	10	63825	45MG 8me LLC	IPP	Aratina Solar Center 2	CA	64215	45MGB	200.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	200.0
2025	10	66061	BQ Energy Development	IPP	Yeoman Creek	IL	61910	YEOM	7.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	7.0
2025	10	66618	Bowman Wind, LLC	IPP	Bowman Wind	ND	68182	BWMW	200.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	200.0
2025	10	66744	Bronson Solar LLC	IPP	Bronson Solar	FL	68372	BROS	74.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2025	10	66456	Darwin Winter Garden LLC	IPP	Darwin Winter Garden	MN	67888	MNC10	0.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.9
2025	10	58468	Dominion Renewable Energy	IPP	Alberta Solar	VA	68070	ALBER	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2025	10	5701	El Paso Electric Co	Electric Utility	Felina	TX	67177	PV150	150.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	153.0
2025	10	66457	Ganzer Garden LLC	IPP	Ganzer Garden	MN	67889	MNC13	0.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	0.9
2025	10	65103	Highbanks Solar, LLC	IPP	Highbanks Solar	NY	65934		7	20.0 Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	10	49805	Kennecott Utah Copper	Industrial	Copperton Solar Plant No. 1	UT	64427	CSP2	11.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	25.0
2025	10	66460	Koronis Garden LLC	IPP	Koronis Garden	MN	67892	MNC11	0.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	0.9
2025	10	66250	Milagro Solar I, LLC	IPP	Milagro Solar I	NM	67528	MLRBS	75.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	75.0
2025	10	66250	Milagro Solar I, LLC	IPP	Milagro Solar I	NM	67528	MLRPV	150.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2025	10	65550	Nova Power, LLC	IPP	Menifee Power Bank	CA	66494	NOVA5	60.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	60.0
2025	10	64581	OE_FL10											

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	10	65562	TJA Off South Main St. Lanesboro, LLC	IPP	MA Lanesboro S. Main St.	MA	66514	B8233	2.5	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	2.5
2025	10	24211	Tucson Electric Power Co	Electric Utility	Roadrunner Reserve Phase 1	AZ	67905	RDR1	200.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	10	19524	University of California-LA	Commercial	UCLA So Campus Cogen Project	CA	52073	GEN-B	13.5	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	16.4
2025	10	66485	Vernon Solar and Storage, LLC	IPP	Vernon Solar and Storage	TX	67934	VERNB	35.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	35.0
2025	10	66485	Vernon Solar and Storage, LLC	IPP	Vernon Solar and Storage	TX	67934	VERNP	75.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	75.0
2025	10	63492	West River Solar, LLC	IPP	West River Solar, LLC	NC	63806	PGR28	40.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	40.0
2025	10	66320	White Tail Solar, LLC	IPP	White Tail Solar	MI	67678	WTS	140.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2025	11	60796	91MC 8me LLC	IPP	Aratina Solar Center 1 Hybrid	CA	61167	91MC8	200.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	11	60796	91MC 8me LLC	IPP	Aratina Solar Center 1 Hybrid	CA	61167	BESS	125.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	125.0
2025	11	65691	Branch Solar, LLC	IPP	Branch Solar Project	MI	66697	BS1	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2025	11	66107	Carne Energy Storage, LLC	IPP	Carne Energy Storage, LLC	NM	67230	CS	130.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	130.0
2025	11	66174	Carvers Creek, LLC	IPP	Carvers Creek Solar	VA	67342	CARV2	99.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	99.0
2025	11	64524	East Windsor Solar Two, LLC	IPP	East Windsor Solar Two	CT	65149	VCP05	4.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.0
2025	11	65594	EnerSmart Storage	IPP	EnerSmart Mesa Heights Sub Station	CA	66552	MH162	3.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	3.0
2025	11	22500	Evergy Kansas Central, Inc	Electric Utility	Kennett Solar	MO	68266	KSPV1	4.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.9
2025	11	65981	Forgeview Solar, LLC	IPP	Forgeview Solar	AR	67075	FFOR1	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2025	11	66409	Great Bend Solar LLC	IPP	Great Bend Solar Project	OH	67834	GBSP1	48.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	48.0
2025	11	66458	Horseshoe Garden LLC	IPP	Horseshoe Garden	MN	67890	MNC12	0.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.9
2025	11	66459	Jones Garden LLC	IPP	Jones Garden	MN	67891	MNC08	0.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.9
2025	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Jones City 1 Solar	TX	66559	TXJC1	215.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	215.0
2025	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Trinity River Solar 1	TX	66132	TXTR1	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	11	64953	Putnam Meadow Solar Station, LLC	IPP	Putnam Meadow Solar Station	CT	65710	PTNM	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2025	11	66087	Quail Ranch Solar and Battery Energy Storage System	IPP	Quail Ranch Solar and BESS	NM	67204	QRBES	100.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2025	11	66087	Quail Ranch Solar and Battery Energy Storage System	IPP	Quail Ranch Solar and BESS	NM	67204	QRPV	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2025	11	58846	Southeast Renewable Fuels, LLC	Industrial	SRF Pulp Processing Facility	FL	58997	G1001	20.0	Wood/Wood Waste Biomass	WDS	ST	(U) Under construction, less than or equal to 50 percent complete	20.0
2025	11	65777	Urban Grid Solar	IPP	Morgnec Solar	MD	66843	MORG1	55.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	55.8
2025	11	64457	VCP Realty, LLC	IPP	Woodstock Solar One	CT	65139	VCP19	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2025	11	59726	Windhub Solar B, LLC	IPP	Windhub Solar B, LLC	CA	59969	GEN01	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2025	12	61222	174 Power Global Corp.	IPP	Atlas	AZ	63798	ATL01	300.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2025	12	61222	174 Power Global Corp.	IPP	Atlas	AZ	63798	ATLB1	300.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	300.0
2025	12	61222	174 Power Global Corp.	IPP	Boulder Solar III LLC	NV	65141	BS301	127.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	127.9
2025	12	61222	174 Power Global Corp.	IPP	Boulder Solar III LLC	NV	65141	BS3ES	58.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	58.0
2025	12	63805	50LW 8me LLC	IPP	Bellefield Solar and Energy Storage Farm	CA	64210	50LWA	500.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2025	12	63805	50LW 8me LLC	IPP	Bellefield Solar and Energy Storage Farm	CA	64210	50LWB	500.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	500.0
2025	12	63004	Abundant Solar Power Inc.	IPP	USNY - Markham Hollow Rd - 001	NY	67223	SUNYF	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	61514	Agilitas Energy, Inc.	IPP	Manorville II	NY	64758	MAN	0.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.6
2025	12	61514	Agilitas Energy, Inc.	IPP	Manorville II	NY	64758	MANB	0.8	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	0.8
2025	12	61514	Agilitas Energy, Inc.	IPP	Patchogue ESS	NY	64761	PAT	2.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	2.0
2025	12	15399	Avangrid Renewables LLC	IPP	Pontotoc Wind	OK	67224	20101	147.5	Onshore Wind Turbine	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	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	103.0
2025	12	66700	BOCA bn, LLC	IPP	Box Canyon (AZ)	AZ	68281	BOCA1	300.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2025	12	66700	BOCA bn, LLC	IPP	Box Canyon (AZ)	AZ	68281	BOCA2	300.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	300.0
2025	12	65824	BT Hickerson Solar, LLC	IPP	BT Hickerson Solar, LLC	TX	66903	5105	310.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	310.0
2025	12	63965	Badger Wind , LLC	IPP	Badger Wind, LLC	ND	64342	5555	250.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	250.0
2025	12	64842	Baron Winds II	IPP	Baron Winds II	NY	65513	BRNW2	113.2	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	113.2
2025	12	66825	Blue Summit II Storage, LLC	IPP	Blue Summit II Storage, LLC	TX	68456	BSIIS	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	66363	Bypass BESS LLC	IPP	Bypass BESS	TX	67761	1	200.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	200.0
2025	12	61818	CC Polymers LLC	Industrial	M&G Resins USA	TX	60642	1	11.7	All Other	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	All Other	WH	OT	(U) Under construction, less than or equal to 50 percent complete	14.3
2025	12	63677	Caden Energix New Kent, LLC	IPP	Caden Energix New Kent, LLC	VA	64036	ENX08	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2025	12	64578	Caden Energix Piney River LLC	IPP	Caden Energix Piney River LLC	VA	65286	ENX18	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2025	12	64369	Canyonland Solar LLC	IPP	Coyote Gulch Solar	CO	64857	C0513	140.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	140.0
2025	12	65870	Carol Wind, LLC	IPP	Carol Wind, LLC	TX	66976	WAPPA	167.8	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	167.8
2025	12	66519	Caron Garden LLC	IPP	Caron Gardens LLC	MN	67970	MNC14	1.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.0
2025	12	65515	Catalyze Moss Landing Hilltop Rd Microgrid, LLC	IPP	CA Moss Landing 3040 Hilltop Rd	CA	66510	19616	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2025	12	65515	Catalyze Moss Landing Hilltop Rd Microgrid, LLC	IPP	CA Moss Landing 3040 Hilltop Rd	CA	66510	B9616	1.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	1.0
2025	12	66211	Cherrywood Solar, LLC	IPP	Cherrywood Solar I	MD	67444	6794	145.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	145.0
2025	12	64934	Chiquito Grid, LLC	IPP	Chiquito Grid, LLC	CA	65655	HECHO	80.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	80.0
2025	12	9187	City of Idaho Falls - (ID)	Electric Utility	Idaho Falls Power Peaking Plant	ID	68021	IFPP1	2.5	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	12	9187	City of Idaho Falls - (ID)	Electric Utility	Idaho Falls Power Peaking Plant	ID	68021	IFPP2	2.5	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	12	9187	City of Idaho Falls - (ID)	Electric Utility	Idaho Falls Power Peaking Plant	ID	68021	IFPP3	2.5	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	12	9187	City of Idaho Falls - (ID)	Electric Utility	Idaho Falls Power Peaking Plant	ID	68021	IFPP4	2.5	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	12	9187	City of Idaho Falls - (ID)	Electric Utility	Idaho Falls Power Peaking Plant	ID	68021	IFPP5	2.5	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	12	9187	City of Idaho Falls - (ID)	Electric Utility	Idaho Falls Power Peaking Plant	ID	68021	IFPP6	2.5	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	12	9187	City of Idaho Falls - (ID)	Electric Utility	Idaho Falls Power Peaking Plant	ID	68021	IFPP7	2.5	Natural Gas Internal Combustion Engine	NG	IC	(U) Under construction, less than or equal to 50 percent complete	2.5
2025	12	60232	Clenera LLC	IPP	Roadrunner Solar and BESS	AZ	67823	RRBES	235.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	235.0
2025	12	60232	Clenera LLC	IPP	Roadrunner Solar and BESS	AZ	67823	RRPV	235.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	235.0
2025	12	66446	Clermont Solar LLC	IPP	Clermont Solar LLC	PA	67870	ENX34	120.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	120.0
2025	12	66619	Coldwater River Solar, LLC	IPP	Coldwater River Solar	MI	68183	CRS	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	66366	Compadre Solar, LLC	IPP	Compadre Solar	TX	67765	5191	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	56769	Consolidated Edison Development Inc.	IPP	Alamo 7 BESS 1	TX	66297	A7BS1	150.0	Batteries	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	Batteries	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	Solar Photovoltaic	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	Batteries	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	Batteries	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	Batteries	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	Solar Photovoltaic	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	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	260.0
2025	12	17539	Dominion Energy South Carolina, Inc	Electric Utility	Parr GT	SC	3291	GT5	40.3	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	65.4
2025	12	17539	Dominion Energy South Carolina, Inc	Electric Utility	Parr GT	SC	3291	GT6	40.3	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	65.4

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)
2025	12	58468	Dominion Renewable Energy	IPP	Redbud Run Solar	VA	65930	10	30.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	30.0
2025	12	6455	Duke Energy Florida, LLC	Electric Utility	Bailey Mill Solar	FL	68052	PV1	74.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.9
2025	12	65516	ECG Utah Solar1, LLC	IPP	Utah Solar 1	UT	66426	1EUS	300.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2025	12	64609	ENGIE Solidago Solar LLC	IPP	ENGIE Solidago Solar Project - Hybrid	DE	65304	BESS	12.5	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	12.5
2025	12	65672	Elkhart County Solar Project, LLC	IPP	Elkhart County Solar Project	IN	66647	USELT	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2025	12	66185	Erath County Solar LLC	IPP	Erath County Solar	TX	67353	4666	204.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	204.0
2025	12	66467	Escape Solar LLC	IPP	Escape Solar Plant	NV	67898	ESPH2	115.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	115.0
2025	12	66467	Escape Solar LLC	IPP	Escape Solar Plant	NV	67898	ESPHB	100.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2025	12	64174	FPS Cedar Creek Solar LLC	IPP	Cedar Creek Solar	DE	64543	1	114.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	114.0
2025	12	64176	FPS Potic Solar LLC	IPP	Potic Solar	NY	64541	1	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.9
2025	12	66785	Fairbanks Solar Energy Center LLC	IPP	Fairbanks Solar Project	IN	68429	FBNKS	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2025	12	66266	Form Energy Inc.	IPP	East Road Storage Project	CA	67565	CEC01	5.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	5.0
2025	12	63524	Freepoint Commodities LLC	IPP	Shaftsbury Solar	VT	64064	SHAFT	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	66186	Funston Solar, LLC	IPP	Funston Solar	TX	67359	4666	204.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	204.0
2025	12	65586	GEG PA Solar LLC	IPP	Goonies Solar Project	PA	66547	GOONS	106.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	194.0
2025	12	65740	Genesee Solar Energy, LLC	IPP	Genesee Solar Project	MI	66756	GS1	50.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	51.0
2025	12	65741	Hart Solar Partners, LLC	IPP	Hart Solar Project	MI	66778	HS1	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	104.0
2025	12	63782	Hecate Energy Cider Solar LLC	IPP	Hecate Energy Cider Solar LLC	NY	64163	11111	500.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2025	12	65483	Hecate Energy Ramsey Storage, LLC	IPP	Hecate Energy Ramsey Storage	TX	66414	RMSY	500.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	500.0
2025	12	65485	Hecate Grid East Valley Storage, LLC	IPP	Hecate Grid East Valley Storage	TX	66411	RMSY	255.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	255.0
2025	12	62765	High Bridge Wind, LLC	IPP	High Bridge Wind Project	NY	62894	WT	103.2	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	103.2
2025	12	65701	Horsepen Branch Solar	IPP	Horsepen Branch Solar	VA	66695	HRSPN	25.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	25.0
2025	12	61001	Hu Honua Bioenergy, LLC	IPP	Hu Honua Bioenergy Facility	HI	61364	HNB	32.0	Other Waste Biomass	OBS	ST	(V) Under construction, more than 50 percent complete	36.0
2025	12	63137	Idemitsu Renewables	IPP	Azalea (CA)	CA	66890	AZAL	60.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	60.0
2025	12	49893	Invenergy Services LLC	IPP	Crescent Valley Solar	NV	62888	GEN1	149.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	149.0
2025	12	49893	Invenergy Services LLC	IPP	Horseshoe Solar Energy	NY	63096	GEN1	180.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	180.0
2025	12	49893	Invenergy Services LLC	IPP	Lovelock Solar	NV	62934	GEN1	190.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	190.0
2025	12	49893	Invenergy Services LLC	IPP	Whitetail Wind Farm	WI	67379	1	67.2	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	67.2
2025	12	65967	Iron Belt Energy Storage Project, LLC	IPP	Iron Belt	TX	67059	1	400.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	400.0
2025	12	10071	Kauai Island Utility Cooperative	Electric Utility	KRS I Anahola Solar Hybrid	HI	58639	BESS8	12.0	Batteries	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	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	12.0
2025	12	65808	La Casa Wind, LLC	IPP	La Casa Wind	TX	66919	5309	150.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	150.0
2025	12	65739	Lake Iris Solar, LLC	IPP	Lake Iris Solar Project	MI	66745	LIS1	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	107.7
2025	12	50123	Leeward Asset Management, LLC	IPP	Barilla Solar	TX	58710	BARBA	20.0	Batteries	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	Solar Photovoltaic	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	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Cradle Solar	TX	65822	CRAS0	225.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	225.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Elisabeth Solar	AZ	68039	ELISA	350.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	350.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Northern Prairie 1	WI	66958	NOPR1	101.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Saltbranch 2	OK	68009	SB12	73.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	73.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Saltbranch Solar 1	OK	68007	SLTB1	73.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	73.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Sierra Pinta BESS	AZ	67973	SP01	113.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	113.0
2025	12	50123	Leeward Asset Management, LLC	IPP	South Branch Solar	OH	68086	SBS	90.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	90.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Stagecoach LRE	CO	68079	STAS1	300.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	300.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Thoroughbred Solar	KY	68087	TBS1	50.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Twelvemile Solar 1 & 2	OK	68088	TS12	152.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	152.0
2025	12	50123	Leeward Asset Management, LLC	IPP	Twelvemile Solar 3	OK	68089	TS03	200.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2025	12	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Mayapple Solar 1	IN	66138	INMA1	224.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	63756	Lily Pond Solar, LLC	IPP	Lily Pond Solar, LLC	VA	64134	ENX09	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2025	12	65445	MRG Goody Solar Project, LLC	IPP	MRG Goody Solar Project Hybrid	TX	66390	GDYES	50.4	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	50.4
2025	12	65445	MRG Goody Solar Project, LLC	IPP	MRG Goody Solar Project Hybrid	TX	66390	GDYPV	171.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	171.7
2025	12	65789	Marion County Solar Project, LLC	IPP	Marion County Solar Project	OH	66860	USMNC	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2025	12	58783	Marseilles Land and Water Company	IPP	Marseilles Lock and Dam Hydro	IL	58903	UNIT1	2.6	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	2.6
2025	12	66572	Montpelier Solar, LLC	IPP	Montpelier Solar Project	OH	68062	MPLR	49.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	49.0
2025	12	66234	Nexus Renewables U.S. Inc.	IPP	Bell Creek BESS LLC	TX	67535	ASHU1	200.9	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.9
2025	12	63501	Panther Grove Wind, LLC	IPP	Panther Grove Wind, LLC	IL	63818	78787	400.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	400.0
2025	12	63969	Placid Solar, LLC	IPP	Highland Solar South	FL	64346	9999	74.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	74.9
2025	12	61301	Plum Creek Wind Farm LLC	IPP	Plum Creek	MN	61687	PLMCK	400.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	400.0
2025	12	66449	Potter Solar LLC	IPP	Potter Solar LLC	PA	67876	ENX35	35.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	35.0
2025	12	64610	Powells Creek Farm Solar, LLC	IPP	Powells Creek Solar - Hybrid	VA	65305	BESS	17.5	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	17.5
2025	12	65869	Prologis Logistics Services Incorporated	IPP	Internationale Ctr 11-SLCHI321	IL	68138	CH321	1.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.8
2025	12	66646	ReWild Renewables, LLC	IPP	Delaware Ave Solar	DE	68195	DEAVE	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2025	12	66646	ReWild Renewables, LLC	IPP	Maryland Line Road Solar	DE	68212	MDLN	2.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.5
2025	12	66646	ReWild Renewables, LLC	IPP	Rifle Range Road Solar	DE	68196	RIFPV	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2025	12	66635	Rio Lago Solar, LLC	IPP	Rio Lago Solar	TX	68155	RIOLA	123.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	123.0
2025	12	66821	Roadrunner Crossing Energy Storage LLC	Industrial	Roadrunner Crossing Energy Storage LLC	TX	68460	7137	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	66583	SR Arcadia South, LLC	IPP	SR Arcadia	LA	68094	ARCAD	4.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.5
2025	12	66585	SR Brownsville, LLC	IPP	SR Brownsville	TN	68096	BROWN	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2025	12	66586	SR Cherry Valley, LLC	IPP	SR Cherry Valley	AR	68097	CHERR	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2025	12	66587	SR Clifton, LLC	IPP	SR Clifton	TN	68098	CLIFT	5.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.8
2025	12	66589	SR Dumas, LLC	IPP	SR Dumas	AR	68100	DUMAS	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2025	12	66590	SR Fisher, LLC	IPP	SR Fisher	AR	68101	FISHR	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2025	12	66591	SR Forked Deer, LLC	IPP	SR Forked Deer	TN	68102	FDEER	2.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.5
2025	12	66592	SR Hickman, LLC	IPP	SR Hickman	TN	68103	HICK	5.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.5
2025	12	66022	SR Lambert I, LLC	IPP	SR Lambert I, LLC	SC	67129	LAMB1	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2025	12	66604	SR Lambert II, LLC	IPP	SR Lambert II	SC	68106	LAMB2	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2025	12	66594	SR Lexington, LLC	IPP	SR Lexington	TN	68107	LEXTN	6.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	6.5
2025	12	66597	SR Robins I, LLC	IPP	SR Robins I	GA	68111	ROBN1	250.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	250.0
2025	12	66598	SR South Gibson, LLC	IPP	SR South Gibson	TN	68112	GIBSN	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2025	12	66599	SR Trenton, LLC	IPP	SR Trenton	TN	68113	TRENT	2.3	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.3
2025	12	66013	SR West Marshall, LLC	IPP	SR West Marshall, LLC	MS	67135	WMARS	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2025	12	64607	Salt City Solar LLC	IPP	Salt City Solar Project - Hybrid	OH	65302	BESS	12.5	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	12.5
2025	12	65144	Samsung C&T Renewables, LLC	IPP	Eagle Springs Hybrid	TX	66341	EGSB	61.5	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	55.1
2025	12	65144	Samsung C&T Renewables, LLC	IPP	Eagle Springs Hybrid	TX	66341	EGSS	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	110.1
2025	12	65144	Samsung C&T Renewables, LLC	IPP	Gaia Hybrid	TX	66342	GAIAB	76.8	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	76.8
2025	12	65144	Samsung C&T Renewables, LLC	IPP	Gaia Hybrid	TX	66342	GAIAS	152.7	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	152.7
2025	12	64230	Sanford ESS, LLC	IPP	Sanford ESS, LLC	ME	64615	1	5.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	5.0
2025	12	65343	Sculpin Solar LLC	IPP	Sculpin Solar	IN	66238	1SPS	180.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	180.0
2025	12	66345	Sebree Solar, LLC	IPP	Sebree Solar, LLC - Hybrid	KY	67735	4516	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2025	12	66634	Sequoia 1 Solar Project	IPP	Sequoia 1	TX	68200	SEQ1	401.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	401.4
2025	12	66695	Seven Flags BESS LLC	IPP	Seven Flags BESS LLC	TX	66689	7FLAG	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2025	12	62023	Skeleton Creek Energy Center	IPP	Skeleton Creek Energy Center Hybrid	OK	62494	SCBAT	252.0	Batteries	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	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2025	12	64233	South Portland ESS, LLC	IPP	South Portland ESS, LLC	ME	64616	1	10.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	10.0
2025	12	65366	Speedway Solar, LLC	IPP	Speedway Solar, LLC	IN	66264	SDS	199.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	199.0
2025	12	63395	Spencer Solar Farm, LLC	IPP	Spencer Solar	MA	63676	SPENC	2.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.3
2025	12	66823	Stafford Solar, LLC	IPP	Stafford Solar, LLC	TX	68458	5840	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2025	12	63396	Sturbridge Road Solar Farm, LLC	IPP	Sturbridge Road Solar	MA	63677	STURB	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2025	12	66076	Sun Ridge Solar, LLC	IPP	Sun Ridge Solar, LLC	VA	67315	ENX25	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2025	12	62700	SunEast Clay Solar LLC	IPP	SunEast Clay Solar Project	NY	62819	Q669	20.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63539	SunEast Fairway Solar LLC	IPP	SunEast Fairway Solar Project	NY	63865	Q#848	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	63551	SunEast Flat Hill Solar LLC	IPP	SunEast Flat Hill Solar Project	NY	63901	Q#865	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63537	SunEast Grassy Knoll Solar LLC	IPP	SunEast Grassy Knoll Solar Project	NY	63863	Q#885	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63540	SunEast Highview Solar LLC	IPP	SunEast Highview Solar Project	NY	63866	Q#591	20.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63543	SunEast Hilltop Solar LLC	IPP	SunEast Hilltop Solar Project	NY	63868	Q#807	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63538	SunEast Limestone Solar LLC	IPP	SunEast Limestone Solar Project	NY	63864	Q#806	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	63678	SunEast Manchester Solar LLC	IPP	SunEast Manchester Solar Project	NY	64037	Q#913	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	62698	SunEast Skyline Solar LLC	IPP	SunEast Skyline Solar Project	NY	62816	Q670	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2025	12	63541	SunEast Tabletop Solar LLC	IPP	SunEast Tabletop Solar Project	NY	63867	Q#869	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2025	12	63536	SunEast Valley Solar LLC	IPP	SunEast Valley Solar Project	NY	63862	Q#828	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	62756	SunEast Watkins Road Solar LLC	IPP	SunEast Watkins Road Solar Project	NY	62896	Q586	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2025	12	64612	Sunnybrook Farm Solar, LLC	IPP	Sunnybrook Solar Project - Hybrid	VA	65307	SUNB	12.5	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	12.5
2025	12	65815	Sunraycer Assets I LLC	IPP	Midpoint Solar, LLC	TX	66897	MIDBA	50.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	50.0
2025	12	65815	Sunraycer Assets I LLC	IPP	Midpoint Solar, LLC	TX	66897	MIDPV	97.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	97.5
2025	12	65561	TJA 540R Main St. Acushnet, LLC	IPP	MA Acushnet 540R Main St	MA	66513	18229	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2025	12	65561	TJA 540R Main St. Acushnet, LLC	IPP	MA Acushnet 540R Main St	MA	66513	B8229	2.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	2.0
2025	12	66189	Throckmorton Wind, LLC	IPP	Throckmorton Wind	TX	67356	6794	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2025	12	59056	Tri Global Energy, LLC	IPP	Cone Renewable Energy Project, LLC	TX	60272	WT1	150.0	Onshore Wind Turbine	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	Onshore Wind Turbine	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	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2025	12	64457	VCP Realty, LLC	IPP	Dollar Tree Solar One	CT	65148	VCP13	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2025	12	64457	VCP Realty, LLC	IPP	Emery Shute Solar One	ME	65045	VCP14	1.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.4
2025	12	66188	Vaca De Sol, LLC	IPP	Tiger Solar	TX	67357	4666	204.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	204.0
2025	12	65396	Viracocha Wind LLC	IPP	Rooney Ranch	CA	63088	ROONR	21.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	21.0
2025	12	65396	Viracocha Wind LLC	IPP	Sand Hill A	CA	63126	SNDHA	13.5	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	13.5
2025	12	65396	Viracocha Wind LLC	IPP	Sand Hill B	CA	63652	SNDHB	17.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	17.0
2025	12	65396	Viracocha Wind LLC	IPP	Sand Hill C	CA	63653	SNDHC	80.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	80.0
2025	12	5504	Vistra Corp	IPP	Newton Solar BESS LLC	IL	65401	BA	2.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	2.0
2025	12	5504	Vistra Corp	IPP	Newton Solar BESS LLC	IL	65401	PV	52.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	52.0
2025	12	66520	Wells Garden LLC	IPP	Wells Garden	MN	67971	MNC15	1.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.0
2025	12	20421	Western Minnesota Mun Pwr Agny	Electric Utility	Brookings Solar	SD	68277	1	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.9
2025	12	63527	Westlands Cherry, LLC	IPP	Cherry	CA	63850	CHERY	249.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	249.7
2025	12	63528	Westlands Grape, LLC	IPP	Grape	CA	63851	GRAPE	246.4	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	246.4
2025	12	64354	Wilkes Solar, LLC	IPP	Wilkes Solar, LLC	NC	64850	WS	75.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	75.0
2025	12	66506	Willow Creek Wind LLC	IPP	Willow Creek Wind (OK)	OK	67960	WCW01	220.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	220.0
2026	1	15399	Avangrid Renewables LLC	IPP	Great Bear Solar, LLC	OH	64073	GBS	46.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	46.0
2026	1	66552	Blue Moon Energy LLC	IPP	Blue Moon	KY	68000	BLUMN	70.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	70.0
2026	1	66455	Bullard Garden LLC	IPP	Bullard Garden	MN	67887	MNC09	0.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.9
2026	1	65384	Cartier Energy, LLC	Commercial	Hartford Hospital Cogeneration	CT	52061	GEN5	5.4	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	5.5
2026	1	65835	Clean Energy Future - Trumbull, LLC.	IPP	Trumbull Energy Center	OH	66918	GT11	350.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	350.0
2026	1	65835	Clean Energy Future - Trumbull, LLC.	IPP	Trumbull Energy Center	OH	66918	GT12	350.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	350.0
2026	1	65835	Clean Energy Future - Trumbull, LLC.	IPP	Trumbull Energy Center	OH	66918	STG	250.0	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete	250.0
2026	1	66217	Copia Power	IPP	Centennial Flats	AZ	68466	CFB1	89.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	89.0
2026	1	66217	Copia Power	IPP	Centennial Flats	AZ	68466	CFB2	89.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	89.0
2026	1	66217	Copia Power	IPP	Centennial Flats	AZ	68466	CFB3	89.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	89.0
2026	1	66217	Copia Power	IPP	Centennial Flats	AZ	68466	CFPV1	166.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	166.7
2026	1	66217	Copia Power	IPP	Centennial Flats	AZ	68466	CFPV2	166.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	166.7
2026	1	66217	Copia Power	IPP	Centennial Flats	AZ	68466	CFPV3	166.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	166.7
2026	1	61060	Cypress Creek Renewables	IPP	Destiny Storage	TX	67654	DESTS	200.0	Batteries	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	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2026	1	58468	Dominion Renewable Energy	IPP	Bridleton Solar	VA	68072	BRIDL	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2026	1	5416	Duke Energy Carolinas, LLC	Electric Utility	Beaverdam Renewable Energy Center	SC	68223	67693	42.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	40.8

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)
2026	1	11241	Entergy Louisiana LLC	Electric Utility	Sterlington Solar	LA	66681	STS	49.0	Solar Photovoltaic	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	Solar Photovoltaic	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	Solar Photovoltaic	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	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2026	1	6452	Florida Power & Light Co	Electric Utility	Swamp Cabbage	FL	68276	1	74.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2026	1	49893	Invenergy Services LLC	IPP	Canisteo Wind Farm	NY	62947	GEN1	290.7	Onshore Wind Turbine	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.6
2026	1	63289	Key Capture Energy	IPP	TX 14 Venus Mill Storage	TX	65788	TX14	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	1	50123	Leeward Asset Management, LLC	IPP	Huckleberry Solar	OK	68011	HBS	124.7	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	124.7
2026	1	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Granite Hill Solar	PA	66440	PAGH1	70.0	Solar Photovoltaic	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	Solar Photovoltaic	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	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	49.5
2026	1	65785	Luminace Sunbeam Development Holdings, LLC	IPP	Cenergy - Pulk	ME	66874	PUL	5.0	Solar Photovoltaic	SUN	PV	(OT) Other	5.0
2026	1	12796	Monongahela Power Co	Electric Utility	Davis Solar (WV)	WV	66870	DAVS	11.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	11.5
2026	1	65869	Prologis Logistics Services Incorporated	IPP	Romeoville 34A-SLCHI234	IL	68239	C34AB	0.5	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	0.5
2026	1	65869	Prologis Logistics Services Incorporated	IPP	Romeoville 34B-SLCHI234	IL	68235	C34BB	0.5	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	0.5
2026	1	66395	Temo Renewables LLC	IPP	Walston I Solar	MD	67800	1	9.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	9.9
2026	1	63726	Vistra Zero LLC	IPP	Forest Grove - Dodd	TX	64131	FGPV1	400.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.6
2026	1	63726	Vistra Zero LLC	IPP	Oak Hill - Dry Creek	TX	64132	PV1	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	1	64515	Waterbury Solar One, LLC	IPP	Waterbury Solar One	CT	65137	VCP12	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2026	1	20323	Wellhead Services, Inc	Industrial	Chula Vista Energy Center 2	CA	67878	BESS1	50.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	50.0
2026	2	61060	Cypress Creek Renewables	IPP	Sundance (CO)	CO	67666	SUNDN	74.9	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	172.0
2026	2	65644	Fish Lake Geothermal LLC	IPP	Fish Lake Geothermal	NV	66618	FL1	2.1	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	3.3
2026	2	65644	Fish Lake Geothermal LLC	IPP	Fish Lake Geothermal	NV	66618	FL2	2.9	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	3.3
2026	2	65644	Fish Lake Geothermal LLC	IPP	Fish Lake Geothermal	NV	66618	FL3	3.4	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	4.7
2026	2	65644	Fish Lake Geothermal LLC	IPP	Fish Lake Geothermal	NV	66618	FL4	4.3	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	6.2
2026	2	65644	Fish Lake Geothermal LLC	IPP	Fish Lake Geothermal	NV	66618	FL5	6.8	Geothermal	GEO	ST	(P) Planned for installation, but regulatory approvals not initiated	9.0
2026	2	65439	Lotus Infrastructure Global Operations, LLC	IPP	Grover Hill Wind, LLC	OH	66359	GHW	140.3	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	140.3
2026	2	17470	PUD No 1 of Snohomish County	Electric Utility	Arlington Battery Energy Storage System	WA	67669	ABESS	25.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	25.0
2026	2	64457	VCP Realty, LLC	IPP	Spencer Drive Solar One	ME	65138	VCP18	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2026	3	61012	AES Distributed Energy	IPP	Glen Canyon Solar A, LLC	UT	66484	GCA	95.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	95.0
2026	3	15399	Avangrid Renewables LLC	IPP	Mohawk Solar	NY	64253	S1	90.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	90.5
2026	3	15399	Avangrid Renewables LLC	IPP	Tower Solar, LLC	OR	68329	TWS	120.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	120.0
2026	3	66061	BQ Energy Development	IPP	Nottingham Solar	OH	66658	NOTT	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	3	66061	BQ Energy Development	IPP	Steubenville Solar	OH	66657	STEUB	43.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	43.0
2026	3	66387	Babacomari Solar, LLC	IPP	Babacomari Solar	AZ	67797	BS	160.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	160.0
2026	3	66617	Big Elm Storage, LLC	IPP	Big Elm Storage	TX	68181	BELMB	100.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	100.0
2026	3	64410	CG Leon County LLC	IPP	Pecan Prairie South Solar	TX	64981	CPSS1	130.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	130.0
2026	3	66536	Cherry Valley PV I, LLC	IPP	Cherry Valley PV I	AR	67992	CHVLY	135.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	135.0
2026	3	66534	Cooks Mill PV I, LLC	IPP	Cooks Mill PV I	IL	67991	CKML	99.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	99.0
2026	3	66479	Crossroads Solar, LLC - (IN)	IPP	Crossroads Solar (IN)	IN	67930	CR	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2026	3	61060	Cypress Creek Renewables	IPP	Ostrea Solar, LLC	WA	66384	GEN1	80.0	Solar Photovoltaic	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	TCHEC	220.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	220.0
2026	3	66018	Excel Advantage Services, LLC	IPP	Fagus Solar Park	TX	67123	MISII	331.6	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	331.6
2026	3	65998	Flint Mine Solar, LLC	IPP	Flint Mine Solar	NY	67090	FMS	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2026	3	65693	Graceland Solar, LLC	IPP	Graceland Solar, LLC	TN	66687	GRA1	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2026	3	66386	Gransolar Texas Six LLC	IPP	Tres Margartas Solar	TX	67789	GRS6	61.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	61.0
2026	3	66319	Heartwood Solar, LLC	IPP	Heartwood Solar	MI	67677	HWS	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2026	3	63289	Key Capture Energy	IPP	KCE NY 10, LLC	NY	66682	NY10	20.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2026	3	63289	Key Capture Energy	IPP	KCE NY 29, LLC	NY	66862	NY29	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	3	66344	Kingstree West 115 LLC	IPP	Kingstree West 115	SC	67723	SOLAR	74.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	84.2
2026	3	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Crossvine Solar	IN	66441	INCV1	100.0	Solar Photovoltaic	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	Batteries	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	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	220.1
2026	3	66726	Nimbus Wind Farm LLC	IPP	Nimbus Wind Farm	AR	68319	NIM	183.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	183.0
2026	3	66769	Old 300 Storage Center, LLC	IPP	Old 300 Storage Center	TX	68365	8681	250.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	250.0
2026	3	66708	Puuloa Solar LLC	IPP	Puuloa Solar	HI	68285	PS-1	6.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	6.4
2026	3	66708	Puuloa Solar LLC	IPP	Puuloa Solar	HI	68285	PS-2	6.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	6.0
2026	3	65092	Springwater Solar, LLC	IPP	Springwater Solar, LLC	OH	65900	SPRIN	155.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	155.0
2026	3	66815	Tidwell Prairie II LLC	IPP	Tidwell Prairie II	TX	68425	TWPII	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	4	66607	Belltown Power Texas 2, LLC	IPP	Kahla Storage	TX	68168	KAHBA	200.9	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.9
2026	4	66180	CPV Rogue's Wind, LLC	IPP	CPV Rogue's Wind, LLC	PA	67348	ROGUE	109.9	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	114.0
2026	4	66642	City of Little Rock	IPP	City of Little Rock Solar Array	AR	68208	LRZBR	2.1	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.9
2026	4	5248	Dominion Energy Inc.	Electric Utility	Moon Corner Solar	VA	66313	MOCO	60.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	60.0
2026	4	58468	Dominion Renewable Energy	IPP	Cerulean Solar	VA	68074	CERUL	62.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	62.0
2026	4	66544	Foley Solar, LLC	IPP	Foley Solar, LLC	AL	68002	FOLEY	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2026	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	4	416.0	Natural Gas Fired Combustion Turbine	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	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2026	4	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Champion Solar I	IN	66865	INCS1	51.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	51.9
2026	4	66800	NorCal FPV 1, LLC	IPP	NorCal FPV 1	CA	68439	17184	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2026	4	66543	Old Hayneville Solar, LLC	IPP	Old Hayneville Solar, LLC	AL	68001	OLHAY	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2026	4	66255	RIC Development, LLC	IPP	Stonewall Solar	TX	67562	RIC92	63.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	63.0
2026	4	66662	SR Gray, LLC	IPP	SR Gray	TN	68248	GRAY	6.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	6.0
2026	4	65144	Samsung C&T Renewables, LLC	IPP	Dolce BESS, LLC	TX	67919	DOLCE	101.4	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	101.4
2026	4	65144	Samsung C&T Renewables, LLC	IPP	Richwood Solar and Storage	OH	68019	RICSS	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2026	4	66451	Stony Creek Solar LLC	IPP	Stony Creek Solar LLC	PA	67879	ENX26	15.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	15.0
2026	4	64952	Turner Meadow Solar Station, LLC	IPP	Turner Meadow Solar Station	ME	65709	TRNR	19.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	19.8
2026	4	64545	Vesper Energy Development LLC	IPP	Emerald Hill Energy Storage	TX	68015	EMHES	250.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2026	4	64776	Wolf Pit Branch Solar, LLC	IPP	Wolf Pit Branch Solar, LLC	SC	65437	PGB38	15.5	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	15.5
2026	4	64776	Wolf Pit Branch Solar, LLC	IPP	Wolf Pit Branch Solar, LLC	SC	65437	PGR38	62.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	62.0
2026	5	66465	229HD 8me, LLC	IPP	Holstein 2 Battery Storage	TX	67896	229HD	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	5	65689	Alfred Oaks Solar, LLC	IPP	Alfred Oaks Solar, LLC	NY	66675	ALOK	115.2	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	115.2
2026	5	65689	Alfred Oaks Solar, LLC	IPP	Alfred Oaks Solar, LLC	NY	66675	BA	20.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2026	5	66607	Belltown Power Texas 2, LLC	IPP	Sandford Solar and Storage	TX	68173	SANBT	100.9	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.9
2026	5	66607	Belltown Power Texas 2, LLC	IPP	Sandford Solar and Storage	TX	68173	SANPV	126.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	126.2
2026	5	66607	Belltown Power Texas 2, LLC	IPP	Yooperlite Storage	TX	68178	YOOPA	175.7	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	175.7
2026	5	56769	Consolidated Edison Development Inc.	IPP	Uvalde Solar 1	TX	66306	UVPV1	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	5	5109	DTE Electric Company	Electric Utility	Fish Creek Solar Park	MI	67754	FSCSP	146.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	146.2
2026	5	66383	Gransolar Texas Nineteen LLC	IPP	Whistle Solar	TX	67785	GRS19	56.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	56.3
2026	5	66385	Gransolar Texas Ten LLC	IPP	Payne Battlecreek Solar	TX	67788	GRS10	85.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	85.0
2026	5	66373	Gransolar Texas Two LLC	IPP	Cuchillas PV and BESS	TX	67776	GRS2P	305.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	305.6
2026	5	66232	Green River Energy Center, LLC	IPP	Green River Energy Center - Hybrid	UT	67501	GRBS	400.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	400.0
2026	5	66232	Green River Energy Center, LLC	IPP	Green River Energy Center - Hybrid	UT	67501	GRPV	400.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	400.0
2026	5	65454	Healing Springs Solar, LLC	IPP	Healing Springs Solar, LLC	NC	66382	GEN1	55.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	55.0
2026	5	65814	Innovative Solar 245 LLC	IPP	Indigo Solar & Storage	TX	66891	245BS	180.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	180.0
2026	5	65814	Innovative Solar 245 LLC	IPP	Indigo Solar & Storage	TX	66891	IS245	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	5	66567	Prospect Power, LLC	IPP	Prospect Power BESS	VA	68055	PPB	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	5	66699	SR Millington II, LLC	IPP	SR Millington II	TN	68326	MILL2	74.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	5	64994	SolRiver Capital LLC	IPP	Canyonville Solar LLC (CSG)	OR	66340	PV1	2.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.5
2026	5	65179	SolarGen of South Carolina, LLC	IPP	Brogdon Family Solar Park	SC	66012	BRQGD	65.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	65.0
2026	5	66450	Spout Spring Solar LLC	IPP	Spout Spring Solar LLC	VA	67877	ENX31	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2026	5	64545	Vesper Energy Development LLC	IPP	Axton Solar	VA	65462	AXTON	201.1	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	201.1
2026	5	66649	Viridis Solar	IPP	Panton	VT	68213	1	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2026	6	63826	201LC 8me LLC	IPP	Rockmont Solar and Storage Project	NM	64216	201LC	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	6	63826	201LC 8me LLC	IPP	Rockmont Solar and Storage Project	NM	64216	309SJ	30.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	30.0
2026	6	57416	Acciona Energy USA Global, LLC	IPP	AEUG Fleming Solar, LLC	KY	64658	AFS	188.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	188.5
2026	6	66122	Alina Energy LLC	IPP	Alina Energy LLC	TX	67250	ALIBS	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	6	66122	Alina Energy LLC	IPP	Alina Energy LLC	TX	67250	ALIPV	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	6	803	Arizona Public Service Co	Electric Utility	Agave	AZ	67964	A400M	150.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2026	6	803	Arizona Public Service Co	Electric Utility	Ironwood Solar	AZ	68397	I168M	168.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	168.0
2026	6	66718	Atlas VIII LLC	IPP	Atlas VIII	AZ	68323	ALT8A	210.4	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	210.4
2026	6	66718	Atlas VIII LLC	IPP	Atlas VIII	AZ	68323	ALT8B	172.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	172.0
2026	6	61713	B & K Solar	IPP	B & K Solar	SC	62181	23	74.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	64217	Bald Mountain Solar LLC	IPP	Bald Mountain Solar	NY	64598	GEN1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2026	6	63793	Bear Branch Solar LLC	IPP	Bear Branch Solar	NC	64168	GEN	34.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	34.5
2026	6	64356	Bedington Energy Facility, LLC	IPP	Bedington Energy Facility, LLC	WV	64848	BEF1	50.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	50.0
2026	6	61716	Big Fork Solar	IPP	Big Fork Solar	SC	62184	26	74.9	Solar Photovoltaic	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	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	74.9
2026	6	65654	Birch Creek Development	IPP	Elm Flats Solar	TX	67552	ELMBA	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2026	6	65654	Birch Creek Development	IPP	Elm Flats Solar	TX	67552	ELMFL	125.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	125.0
2026	6	66797	Cadence Solar Energy LLC	IPP	Cadence Solar Energy Center	OH	68431	CADNC	240.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	240.0
2026	6	60395	California Ethanol Power, LLC	Industrial	CE&P Imperial Valley 1	CA	60670	1	50.0	All Other	OTH	CC	(T) Regulatory approvals received. Not under construction	50.0
2026	6	66812	Callisto II Energy Center LLC	IPP	Callisto II Energy Center	TX	68422	CALII	400.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	400.0
2026	6	66579	Cape HoldCo LLC	IPP	Cape Generating Station	UT	68068	CP1G1	28.0	Geothermal	GEO	ST	(T) Regulatory approvals received. Not under construction	53.0
2026	6	65384	Cartier Energy, LLC	Commercial	Hartford Hospital Cogeneration	CT	52061	GEN6	6.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	6.0
2026	6	66272	Cedar Hill ESS Assets, LLC	IPP	Cedar Hill ESS	TX	67570	3004	10.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	10.0
2026	6	61718	Chapman Solar	IPP	Chapman Solar	SC	62186	28	2.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61720	Colleton Solar	IPP	Colleton Solar	SC	62188	31	74.9	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61722	Crossroads Solar	IPP	Crossroads Solar	SC	62190	32	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2026	6	61722	Crossroads Solar	IPP	Crossroads Solar	SC	62190	33	50.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	50.0
2026	6	61729	Culpepper Solar	IPP	Culpepper Solar	SC	62221	33	74.9	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2026	6	65084	Eldora Energy LLC	IPP	Eldora Energy LLC	TX	65847	ELDBS	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	6	65084	Eldora Energy LLC	IPP	Eldora Energy LLC	TX	65847	ELDPV	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	6	55937	Entergy Texas Inc.	Electric Utility	Orange County Advanced Power Station	TX	66621	1A	396.6	Natural Gas Fired Combined Cycle	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	Natural Gas Fired Combined Cycle	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	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	400.0
2026	6	66742	Evans Creek Energy Storage LLC	IPP	Evans Creek Energy Storage Project	TX	68334	EVCRK	103.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	103.0
2026	6	6763	Freestone Power Generation LLC	IPP	FPEC, LLC	TX	67500	GT5	212.0	Natural Gas Fired Combustion Turbine	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	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	222.0
2026	6	61737	GEB Solar	IPP	GEB Solar	SC	62217	40	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2026	6	65157	Garcitas Creek Solar, LLC	IPP	Garcitas Creek Solar	TX	65973	GCS	201.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	201.9
2026	6	65475	Gransolar Texas Fifteen, LLC	IPP	Naduah Solar	TX	66396	NDUAH	103.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	103.4
2026	6	66261	Greenalia Solar Power Roscommon, LLC	IPP	Roscommon Solar Park	TX	67566	ROGSP	82.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	82.8
2026	6	64218	Greens Corners Solar	IPP	Greens Corners Solar	NY	64599	GEN1	120.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	120.0
2026	6	63474	Hecate Energy Gedney Hill LLC	IPP	Hecate Energy Gedney Hill	NY	63815	GEDNY	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2026	6	65481	Hecate Grid Gwent Storage 1, LLC	IPP	Hecate Grid Gwent Storage 1	CA	66409	GWNT	135.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	135.0
2026	6	61746	Holiday Solar I	IPP	Holiday Solar I	SC	62229	43	74.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.0
2026	6	64741	Homestead Energy Storage, LLC	IPP	Homestead Energy Storage LLC	CA	65398	HMSD1	14.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	14.0
2026	6	64476	Hope Solar One, LLC	IPP	Hope Solar One	RI	65060	VCP02	3.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.5
2026	6	63792	Hornet Solar LLC	IPP	Hornet Solar	NC	64167	GEN	73.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	73.0
2026	6	61751	Juniper Solar	IPP	Juniper Solar	SC	62234	48	74.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	50123	Leeward Asset Management, LLC	IPP	Portal Ridge Solar A, LLC	CA	60309	GEN01	19.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	19.0
2026	6	66178	Liberty Renewables Incorporated	IPP	Hoffman Falls Wind 2	NY	67346	Q1335	102.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	103.5

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)
2026	6	61753	Luz Solar	IPP	Luz Solar	SC	62236	50	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2026	6	61791	Melsam Solar	IPP	Melsam Solar	SC	62280	58	65.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	65.0
2026	6	66680	Mundu Solar LLC	IPP	Mundu Solar LLC	LA	68263	M4515	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	6	60018	NET Power, LLC	IPP	NET Power La Porte Station	TX	60910	NPLPS	5.0	Natural Gas Fired Combustion Turbine	NG	GT	(OT) Other	25.5
2026	6	65627	NRG THW GT LLC	IPP	NRG THW GT Electric Generating Station	TX	66601	GT61	204.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	188.7
2026	6	65627	NRG THW GT LLC	IPP	NRG THW GT Electric Generating Station	TX	66601	GT62	204.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	188.7
2026	6	63467	Naturgy Candela DevCo LLC	IPP	Mark Center Solar Project	OH	65050	MRC1	90.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	90.0
2026	6	13402	Nevada Irrigation District	IPP	Loma Rica Hydroelectric Powerhouse	CA	60988	HY1	1.4	Conventional Hydroelectric	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	Conventional Hydroelectric	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	1,089.9	Onshore Wind Turbine	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	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	2,426.4
2026	6	65764	Pier S Energy Storage LLC	IPP	Elevate Pier S	CA	66787	ELVPS	70.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	70.0
2026	6	66347	Placid Solar II, LLC	IPP	Highland Solar North	FL	64345	1112	74.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	74.9
2026	6	61805	Pruger Solar II	IPP	Pruger Solar II	SC	62293	64	2.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	30.0
2026	6	61807	Quest Solar	IPP	Quest Solar	SC	62299	66	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2026	6	61807	Quest Solar	IPP	Quest Solar	SC	62299	67	50.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	50.0
2026	6	66646	ReWild Renewables, LLC	IPP	Grears Corner Solar	DE	68211	GRER	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2026	6	61808	Rollins Solar	IPP	Rollins Solar	SC	62295	67	74.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	61809	Ross Solar	IPP	Ross Solar	SC	62296	68	74.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2026	6	66653	SR Adamsville, LLC	IPP	SR Adamsville	TN	68224	ADAMV	25.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	25.0
2026	6	66663	SR Horus, LLC	IPP	SR Horus	KY	68249	METTR	79.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	79.7
2026	6	66664	SR Metter, LLC	IPP	SR Metter	GA	68250	METTR	79.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	79.7
2026	6	63488	Shady Hills Energy Center, LLC	IPP	Shady Hills Combined Cycle Facility	FL	63802	G001	538.3	Natural Gas Fired Combined Cycle	NG	CS	(U) Under construction, less than or equal to 50 percent complete	612.0
2026	6	61830	Shining Sun Solar	IPP	Shining Sun Solar	SC	62309	73	74.4	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.0
2026	6	61831	Shorthorn Solar	IPP	Shorthorn Solar	SC	62310	74	60.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	60.0
2026	6	61834	Stamey Solar	IPP	Stamey Solar	SC	62313	77	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2026	6	65815	Sunrayer Assets I LLC	IPP	Lupinus Solar 1, LLC	TX	66895	LP1BA	83.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	83.0
2026	6	65815	Sunrayer Assets I LLC	IPP	Lupinus Solar 1, LLC	TX	66895	LP1PV	165.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	165.0
2026	6	65815	Sunrayer Assets I LLC	IPP	Lupinus Storage 3	TX	67674	LUPE3	50.9	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.9
2026	6	63140	Three Rivers Solar Power, LLC	IPP	Three Rivers Solar Power, LLC	ME	63386	3RIVS	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2026	6	64545	Vesper Energy Development LLC	IPP	Hornet Solar II (TX) (Hybrid)	TX	67985	HRT2	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2026	6	64545	Vesper Energy Development LLC	IPP	Hornet Solar II (TX) (Hybrid)	TX	67985	HRT2B	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2026	6	65329	Yaupon Solar, LLC	IPP	Yaupon Solar Project (Hybrid)	TX	66216	BESS	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	6	65329	Yaupon Solar, LLC	IPP	Yaupon Solar Project (Hybrid)	TX	66216	SOL	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	7	61060	Cypress Creek Renewables	IPP	Payton	IL	67662	PAYTN	70.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	167.0
2026	7	65594	EnerSmart Storage	IPP	EnerSmart El Cajon BESS	CA	66754	EC01	3.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	3.0
2026	7	66447	Gladys Solar LLC	IPP	Gladys Solar LLC	VA	67871	ENX29	60.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.4
2026	7	66382	Gransolar Texas Eleven LLC	IPP	Vial BESS	TX	67784	GRS11	141.4	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	141.4
2026	7	65482	Gransolar Texas Thirteen, LLC	IPP	Despain Solar	TX	66421	GRS13	236.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	236.2
2026	7	66760	Lazy U ESS 2 LLC	IPP	Lazy U ESS 2	TX	68356	LUBA2	250.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2026	7	66761	Lazy U Solar 1 LLC	IPP	Lazy U Solar 1	TX	68357	LUPV1	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2026	7	66762	Lazy U Solar 2 LLC	IPP	Lazy U Solar 2	TX	68358	LUPV2	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2026	7	50123	Leeward Asset Management, LLC	IPP	Red Maple LRE	IL	68085	RMS1	95.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	95.0
2026	7	12869	Monterey Regional Waste Mgmt	Commercial	Marina Landfill Gas	CA	10748	FUTR1	1.6	Landfill Gas	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	Landfill Gas	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	Landfill Gas	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	Landfill Gas	LFG	IC	(P) Planned for installation, but regulatory approvals not initiated	1.6
2026	7	58489	OCI Energy LLC	IPP	OCI Hillsboro	TX	66401	OHLSB	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	7	58489	OCI Energy LLC	IPP	OCI Hillsboro	TX	66401	OHLPV	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	7	58489	OCI Energy LLC	IPP	OCI SunRoper	TX	65893	OCIRO	260.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	260.0
2026	7	65803	Raven Storage, LLC	IPP	Raven Storage	TX	68149	RAVEB	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	7	66667	SR Sequatchie, LLC	IPP	SR Sequatchie	TN	68254	SEQUA	8.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	8.0
2026	7	65144	Samsung C&T Renewables, LLC	IPP	Ursa Solar, LLC	WI	65964	URSA	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	7	61950	Terra-Gen Operating Co-Solar	IPP	Desert Breeze Solar, LLC	CA	68045	LOC3	125.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	125.0
2026	7	66461	Two Oaks Solar and Storage	IPP	Two Oaks Solar and Storage LLC	VA	67884	ENX27	118.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	118.0
2026	8	17612	Bear Valley Electric Service	Electric Utility	Bear Valley Battery Plant	CA	67257	BVEB1	5.0	Batteries	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	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2026	8	66607	Belttown Power Texas 2, LLC	IPP	Myers Solar and Storage	TX	68172	MYEBT	75.7	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	75.7
2026	8	66607	Belttown Power Texas 2, LLC	IPP	Myers Solar and Storage	TX	68172	MYEPV	100.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.9
2026	8	64689	Emery Meadow Solar Station, LLC	IPP	Emery Meadow Solar Station	ME	65366	EMSS	16.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	16.4
2026	8	65476	Gransolar Texas Eight, LLC	IPP	Tokio Solar	TX	66397	TOKIO	158.1	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	175.0
2026	8	64077	JVR Energy Park LLC	IPP	JVR Energy Park LLC	CA	64428	JVR1B	70.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	70.0
2026	8	66630	Riverstone Solar, LLC	IPP	Riverstone Solar	VA	68194	RIVER	149.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	149.5
2026	9	66607	Belttown Power Texas 2, LLC	IPP	Mcmuntre Storage	TX	68171	MCMB	176.1	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	176.1
2026	9	66607	Belttown Power Texas 2, LLC	IPP	Willis Storage	TX	68176	WILBA	176.1	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	176.1
2026	9	66538	Crooked Creek PV I, LLC	IPP	Crooked Creek PV I	IL	67993	CRDCK	99.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	99.0
2026	9	61060	Cypress Creek Renewables	IPP	Hanson	TX	67657	HANSO	396.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	90.0
2026	9	65594	EnerSmart Storage	IPP	EnerSmart Imperial Beach BESS	CA	66551	IB192	3.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	3.0
2026	9	65594	EnerSmart Storage	IPP	EnerSmart Imperial Beach BESS	CA	66551	IB193	3.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	3.0
2026	9	66488	Flora Solar, LLC	IPP	Flora Solar	IL	67937	FLOSO	125.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	125.0
2026	9	66736	GREE bn, LLC	IPP	Greenwater BESS	WA	68341	GREE	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	9	66372	Gransolar BESS Texas Six LLC	IPP	Cardinal Solar (TX)	TX	67775	GRS6	74.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	74.0
2026	9	66370	Gransolar Texas Nine LLC	IPP	Braswell Solar	TX	67772	GRS9	44.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	44.2
2026	9	66378	Gransolar Texas Seven LLC	IPP	Lampe Solar	TX	67781	GRS7	60.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	60.2
2026	9	65986	Gransolar Texas Three, LLC	IPP	Quarter Ranch Solar	TX	67078	GRS3	154.1	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	154.1
2026	9	66381	Gransolar Texas Twelve LLC	IPP	Ventures BESS	TX	67783	GRS12	226.8	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	226.8
2026	9	66371	Gransolar Texas Twenty LLC	IPP	Cosper Solar	TX	67773	GRS20	148.2	Solar Photovoltaic	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)
2026	9	65682	IP Aramis, LLC	IPP	Aramis I Solar Project	CA	66678	IPAR1	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2026	9	65682	IP Aramis, LLC	IPP	Aramis I Solar Project	CA	66678	IPARB	100.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2026	9	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Second Division Solar	TX	65981	TXSD2	30.0	Batteries	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	Batteries	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	Municipal Solid Waste	MSW	ST	(T) Regulatory approvals received. Not under construction	20.0
2026	9	66255	RIC Development, LLC	IPP	Wetzel BESS	TX	67555	RIC98	185.6	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	185.6
2026	9	65144	Samsung C&T Renewables, LLC	IPP	Champaign BESS, LLC	TX	67917	CHMPN	202.7	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	202.7
2026	9	65715	Strata Clean Energy	IPP	Longwing Solar	TX	66705	11105	140.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	140.0
2026	9	65715	Strata Clean Energy	IPP	Peri Peri Solar	TX	66708	11104	115.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	115.0
2026	9	66454	Wyatt Mill Solar LLC	IPP	Wyatt Mill Solar LLC	VA	67881	ENX30	82.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	82.5
2026	10	924	Associated Electric Coop, Inc	Electric Utility	Ripley Energy Center	OK	67262	RP1	411.4	Natural Gas Fired Combustion Turbine	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	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	3.0
2026	10	65728	Brenneman Solar LLC	IPP	Brenneman Solar Project	GA	66744	BRNMN	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2026	10	61060	Cypress Creek Renewables	IPP	Amerada	TX	67649	AMERA	300.0	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2026	10	58468	Dominion Renewable Energy	IPP	Blue Ridge Solar	VA	68073	BLUER	95.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	95.0
2026	10	62760	EDPR CA Solar Park VI LLC	IPP	EDPR CA Solar Park VI LLC (CA) Hybrid	CA	62892	SONR2	40.0	Batteries	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	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	201.0
2026	10	66622	Firelands Wind, LLC	IPP	Firelands Wind	OH	68186	FIRE	297.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	297.0
2026	10	66641	Greenwood Solar I, LLC	IPP	Greenwood Solar I	VA	68205	GRNWD	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	100.0
2026	10	66624	Heritage Wind, LLC	IPP	Heritage Wind	NY	68191	HRTG	184.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	184.0
2026	10	64077	JVR Energy Park LLC	IPP	JVR Energy Park LLC	CA	64428	JVR1A	90.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	90.0
2026	10	66831	Key Energy Storage LLC	IPP	Key Energy Storage	CA	68461	KEYBA	300.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	300.0
2026	10	64674	Noria Hondo Solar LLC	IPP	Noria Hondo Solar (Hybrid)	TX	65344	66148	145.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	145.0
2026	10	64674	Noria Hondo Solar LLC	IPP	Noria Hondo Solar (Hybrid)	TX	65344	66149	75.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	75.0
2026	10	66631	Rocky Forge Wind, LLC	IPP	Rocky Forge Wind	VA	68197	ROCKY	78.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	78.0
2026	10	64351	Roxbury Solar, LLC	IPP	Roxbury Solar, LLC	ME	64834	ROX	55.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	55.0
2026	10	64347	Silver Queen Wind Farm, LLC	IPP	Silver Queen Wind Farm	IA	64835	NA	252.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	252.0
2026	10	65079	Solar Proponent LLC	IPP	Flag City Solar	TX	65844	FCSPV	167.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	167.3
2026	10	65079	Solar Proponent LLC	IPP	Lunis Creek Solar and BESS SLF	TX	65852	LUNBS	621.4	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	621.4
2026	10	65079	Solar Proponent LLC	IPP	Lunis Creek Solar and BESS SLF	TX	65852	LUNPV	617.1	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	617.1
2026	10	65079	Solar Proponent LLC	IPP	Tehuacana Creek 1 Solar and BESS	TX	65855	TE1PV	836.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	836.8
2026	10	58113	Texas A&M, Utilities & Energy Services	Commercial	Central Utility Plant - Texas A&M	TX	58151	STG03	5.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	5.0
2026	10	64690	Topsham Meadow Solar Station LLC	IPP	Topsham Meadow Solar Station	ME	65369	TMSS	17.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	17.2
2026	10	64691	West Baldwin Solar Station LLC	IPP	West Baldwin Solar Station	ME	65371	WBSS	17.1	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	17.1
2026	11	63806	26SB 8me LLC	IPP	Bellefield 2 Solar & Energy Storage Farm	CA	64209	26SBA	500.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2026	11	63806	26SB 8me LLC	IPP	Bellefield 2 Solar & Energy Storage Farm	CA	64209	26SBB	500.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	500.0
2026	11	66784	311SV 8me, LLC	IPP	Catclaw Solar	AZ	68414	CC8	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2026	11	66784	311SV 8me, LLC	IPP	Catclaw Solar	AZ	68414	SV	250.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	250.0
2026	11	66607	Belltown Power Texas 2, LLC	IPP	Dolomite Storage	TX	68166	DOLBA	125.7	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	125.7
2026	11	61060	Cypress Creek Renewables	IPP	Wallie Storage	TX	67668	WALLE	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2026	11	64519	Deer Wood Storage, LLC	IPP	Deer Wood Storage, LLC	VA	65145	ENX12	30.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	30.0
2026	11	65116	Discovery Wind, LLC	IPP	Discovery Wind, LLC	ND	65944	DISC	400.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	400.0
2026	11	65594	EnerSmart Storage	IPP	EnerSmart Murray BESS	CA	66755	M01	3.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2026	11	65594	EnerSmart Storage	IPP	EnerSmart Murray BESS	CA	66755	M02	3.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2026	11	65594	EnerSmart Storage	IPP	EnerSmart Murray BESS	CA	66755	M03	3.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2026	11	65594	EnerSmart Storage	IPP	EnerSmart Murray BESS	CA	66755	M04	3.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2026	11	65594	EnerSmart Storage	IPP	EnerSmart Murray BESS	CA	66755	M05	3.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2026	11	65594	EnerSmart Storage	IPP	EnerSmart Murray BESS	CA	66755	M06	3.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	3.0
2026	11	66258	Greenalia Solar Power Ratcliff, LLC	IPP	Ratcliff Solar Park	TX	67563	RAGSP	78.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	78.8
2026	11	66260	Greenalia Solar Power Reis, LLC	IPP	Reis Solar Park	TX	67564	REGSP	105.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	105.5
2026	11	66262	Greenalia Solar Power Wensowitch, LLC	IPP	Wensowitch Solar Park	TX	67567	WEGSP	145.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	145.6
2026	11	65455	Hycos Solar, LLC	IPP	Hycos Solar LLC	NC	66383	GEN1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2026	11	50123	Leeward Asset Management, LLC	IPP	Sandhill Solar 2	GA	65884	SAHSO	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	11	65871	MPW Solar 1, LLC	IPP	MPW Solar 1	IA	66978	MS1	24.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	24.0
2026	11	11479	Madison Gas & Electric Co	Electric Utility	Sunnyside Solar Energy Center	WI	68054	SNSB	40.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	40.0
2026	11	11479	Madison Gas & Electric Co	Electric Utility	Sunnyside Solar Energy Center	WI	68054	SNSS	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2026	11	61874	Osaka Gas USA	IPP	Yellow Vikings	TX	67222	1	182.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	182.0
2026	11	65144	Samsung C&T Renewables, LLC	IPP	Conez Solar, LLC	GA	66671	CONEZ	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	11	66105	Trestles Grid LLC	IPP	Trestles Grid LLC	CA	67229	HGLPT	150.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	150.0
2026	11	64951	Warren Meadow Solar Station, LLC	IPP	Warren Meadow Solar Station	ME	65708	WMSS	74.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	74.5
2026	12	66818	301AK 8me LLC	IPP	Kitt Solar	AZ	68452	KITTB	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	12	66818	301AK 8me LLC	IPP	Kitt Solar	AZ	68452	KITTS	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	12	15399	Avangrid Renewables LLC	IPP	Bright Mountain Solar	KY	67990	BM1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2026	12	66483	BHS Solar, LLC	IPP	Black Hollow Sun	CO	64745	BHS02	107.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	107.0
2026	12	66607	Belltown Power Texas 2, LLC	IPP	Brotherton Storage	TX	68165	BROBA	176.1	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	176.1
2026	12	66607	Belltown Power Texas 2, LLC	IPP	Hooper Solar and Storage	TX	68167	HOOBA	30.7	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	30.7
2026	12	66607	Belltown Power Texas 2, LLC	IPP	Hooper Solar and Storage	TX	68167	HOOPV	50.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.5
2026	12	66607	Belltown Power Texas 2, LLC	IPP	Kobernat Solar and Storage	TX	68169	KOBBA	51.5	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	51.5
2026	12	66607	Belltown Power Texas 2, LLC	IPP	Kobernat Solar and Storage	TX	68169	KOBPV	100.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.5
2026	12	66607	Belltown Power Texas 2, LLC	IPP	Mcgee Storage	TX	68170	MCGBA	151.3	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	151.3
2026	12	66607	Belltown Power Texas 2, LLC	IPP	Stegall Solar and Storage	TX	68174	STEBBA	50.5	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	50.5
2026	12	66607	Belltown Power Texas 2, LLC	IPP	Stegall Solar and Storage	TX	68174	STEPV	81.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	81.6
2026	12	66607	Belltown Power Texas 2, LLC	IPP	Windmill Ridge Storage	TX	68177	WINBA	151.4	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	151.4
2026	12	64475	CG Leon County II LLC	IPP	Pecan Prairie North Solar	TX	64999	CPNS1	350.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	350.0
2026	12	64467	CG Pike Creek LLC	IPP	Pike Creek Wind	IL	65049	CPCW1	202.5	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	202.5
2026	12	59365	Capital Power Corporation	IPP	Maple Leaf Solar	NC	67195	GEN	73.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	73.0
2026	12	65180	Cedar Island Solar LLC	IPP	Cedar Island Solar LLC	OR	66011	PV1	800.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	800.0
2026	12	58391	Chilocco Wind Farm LLC	IPP	Chilocco Wind Farm	OK	58406	1	169.2	Onshore Wind Turbine	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	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0

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	12	64357	ConnectGen Albany County LLC	IPP	Rail Tie Wind	WY	64847	CRTW1	504.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	504.0
2026	12	56769	Consolidated Edison Development Inc.	IPP	Switchgrass Solar, LLC	VA	66124	SSPV	70.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	70.0
2026	12	56769	Consolidated Edison Development Inc.	IPP	Upton BESS 2	TX	66303	UPBS2	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	12	4254	Consumers Energy Co - (MI)	Electric Utility	Kam Solar Energy Center	MI	67998	KSEC	80.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	80.0
2026	12	4254	Consumers Energy Co - (MI)	Electric Utility	Spring Creek Agri-Energy Center	MI	67999	SCAEC	140.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	140.0
2026	12	61060	Cypress Creek Renewables	IPP	Fort Watt Storage	TX	67656	FWATT	200.0	Batteries	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	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2026	12	61060	Cypress Creek Renewables	IPP	Langer	TX	67659	LANGE	245.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	245.0
2026	12	65543	Desert Vine Solar LLC	IPP	Desert Vine Solar	TX	66493	DVS	121.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	121.3
2026	12	5248	Dominion Energy Inc.	Electric Utility	Dulles Solar and Storage	VA	65043	DUST	50.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	50.0
2026	12	66621	Downeast Wind, LLC	IPP	Downeast Wind	ME	68185	DOWNNW	126.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	126.0
2026	12	57170	EDF Renewable Asset Holdings, Inc.	IPP	Walleye Solar (Sandow II)	TX	68231	SDTW0	369.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	369.0
2026	12	64452	EDF Renewables Development, Inc.	IPP	Grand River Energy Center Solar	OK	68093	GRECS	84.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	84.0
2026	12	65080	Elio Energy LLC	IPP	Elio Energy LLC	TX	65850	ELIBS	300.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	300.0
2026	12	7140	Georgia Power Co	Electric Utility	Yates	GA	728	8	418.4	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	482.8
2026	12	66487	Goshen Solar, LLC	IPP	Goshen Solar	WY	67936	GS1	163.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	163.0
2026	12	66373	Gransolar Texas Two LLC	IPP	Cuchillas PV and BESS	TX	67776	GRS2B	306.9	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	306.9
2026	12	65113	Grey Fox Wind	IPP	Grey Fox Wind	IL	65939	WINDG	400.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	400.0
2026	12	65113	Grey Fox Wind	IPP	Grey Fox Wind	IL	65939	WNDG2	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	12	64941	Hecate Energy Pulaski LLC	IPP	Hecate Energy Pulaski 1	VA	65665	HEPU1	150.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2026	12	63839	Hecate Grid Clermont 1 LLC	IPP	Clermont	NY	64236	CLRMT	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2026	12	49893	Invenergy Services LLC	IPP	Changing Winds	TX	59243	CHAN1	288.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	288.0
2026	12	49893	Invenergy Services LLC	IPP	Tip Top Solar Energy Center LLC	NM	63028	GEN1	220.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	220.0
2026	12	49893	Invenergy Services LLC	IPP	Uinta Wind	WY	68005	WIND1	119.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	119.0
2026	12	63289	Key Capture Energy	IPP	NY2 Battery	NY	63584	NY2	169.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	169.0
2026	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58941	WTG1	3.4	Offshore Wind Turbine	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	Offshore Wind Turbine	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	Offshore Wind Turbine	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	Offshore Wind Turbine	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	WTG5	3.4	Offshore Wind Turbine	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	Offshore Wind Turbine	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	Batteries	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	HNYSR	20.0	Batteries	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	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	66650	Noble Solar LLC	IPP	Purple Sage Energy Center	NV	68209	PSGBS	400.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	400.0
2026	12	66650	Noble Solar LLC	IPP	Purple Sage Energy Center	NV	68209	PSGPV	400.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.0
2026	12	64800	Nolin Hills Wind, LLC	IPP	Nolin Hills	OR	60070	GEN2	300.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2026	12	66316	Northumberland Solar I, LLC	IPP	Northumberland Solar I	PA	67675	ENX34	20.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	20.0
2026	12	63217	Obsidian Solar Center LLC	IPP	Obsidian Solar Center	OR	63488	OBSLR	400.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.0
2026	12	66027	Orsted Wind Power North America LLC	IPP	Sunrise Wind	NY	67435	SRWND	924.0	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	924.0
2026	12	14232	Otter Tail Power Co	Electric Utility	Solway Solar	MN	68340	1	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2026	12	14354	PacifiCorp	IPP	Arco Wind and Solar Project	ID	66651	37565	360.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	360.0
2026	12	63463	Palomino Solar, LLC	IPP	Palomino Solar	OH	63784	PLMNO	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	65105	Peeler Solar, LLC	IPP	Peeler Solar, LLC	TX	65932	PEEL2	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2026	12	61298	Pine Gate Renewables	IPP	Olin Creek Farm Solar	NC	64626	OLINC	35.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	35.0
2026	12	66542	Piney Woods Solar, LLC	IPP	Piney Woods Solar	TX	67995	PWS	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2026	12	66525	Quaker Creek Farm Solar, LLC	IPP	Quaker Creek Farm Solar	NC	67977	QUACR	34.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	34.9
2026	12	66775	Quick Draw Wind, LLC	IPP	Quick Draw	TX	68385	QD	174.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	174.0
2026	12	66255	RIC Development, LLC	IPP	Edens Solar	TX	67560	RIC94	70.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	70.0
2026	12	66646	ReWild Renewables, LLC	IPP	Braley Hill North Solar	MA	68215	BRAES	5.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	5.0
2026	12	66646	ReWild Renewables, LLC	IPP	Braley Hill North Solar	MA	68215	BRAPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2026	12	66646	ReWild Renewables, LLC	IPP	Cushman Road Solar	MA	68216	CUSES	3.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	3.0
2026	12	66646	ReWild Renewables, LLC	IPP	Cushman Road Solar	MA	68216	CUSPV	3.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.0
2026	12	66646	ReWild Renewables, LLC	IPP	Featherbed Lane South Solar	MA	68217	FEAES	1.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	1.0
2026	12	66646	ReWild Renewables, LLC	IPP	Featherbed Lane South Solar	MA	68217	FEAPV	1.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1.0
2026	12	66646	ReWild Renewables, LLC	IPP	Randall Lane Solar	MA	68218	RANES	5.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	5.0
2026	12	66646	ReWild Renewables, LLC	IPP	Randall Lane Solar	MA	68218	RANPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2026	12	66646	ReWild Renewables, LLC	IPP	Snipatuit Road Solar	MA	68219	SNIES	4.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	4.0
2026	12	66646	ReWild Renewables, LLC	IPP	Snipatuit Road Solar	MA	68219	SNIPV	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.0
2026	12	66121	Rock Rose Energy Storage LLC	IPP	Rock Rose Energy Storage LLC	TX	67249	RRES	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	66171	SGT Hoskins Solar Project, LLC	IPP	SGT Hoskins Solar Project Hybrid	TX	67341	NOSES	102.1	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	102.1
2026	12	66171	SGT Hoskins Solar Project, LLC	IPP	SGT Hoskins Solar Project Hybrid	TX	67341	NOSPV	204.1	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	204.1
2026	12	66654	SR Alzheimer, LLC	IPP	SR Alzheimer	AR	68225	ALTH	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2026	12	66655	SR Bacon, LLC	IPP	SR Bacon	GA	68226	BACON	85.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	85.0
2026	12	66660	SR Bear Creek, LLC	IPP	SR Bear Creek	AL	68243	BEAR	4.5	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.5
2026	12	66584	SR Benton, LLC	IPP	SR Benton	TN	68095	BENTN	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2026	12	66656	SR Delhi, LLC	IPP	SR Delhi	LA	68227	DELHI	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2026	12	66657	SR Denmark, LLC	IPP	SR Denmark	TN	68229	DEMRK	42.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	42.0
2026	12	66658	SR Des Arc, LLC	IPP	SR Des Arc	AR	68230	DESAR	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2026	12	66659	SR Dunn, LLC	IPP	SR Dunn	LA	68245	DUNN	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	3.0
2026	12	66661	SR Georgetown, LLC	IPP	SR Georgetown	SC	68247	GRGTN	50.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	50.0
2026	12	66012	SR Marshall, LLC	IPP	SR Marshall, LLC	MS	67134	MARSH	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2026	12	66668	SR North Bastrop, LLC	IPP	SR North Bastrop	LA	68251	NBAST	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2026	12	66665	SR Quincy Valley, LLC	IPP	SR Quincy Valley	WA	68252	QUVAL	130.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	130.0
2026	12	66666	SR Rochelle I, LLC	IPP	SR Rochelle I	GA	68253	ROCHI	90.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	90.0
2026	12	66671	SR Shelby, LLC	IPP	SR Shelby	TN	68255	SHELB	9.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	9.8
2026	12	66672	SR South Bastrop, LLC	IPP	SR South Bastrop	LA	68256	SBAST	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2026	12	66673	SR Winnsboro, LLC	IPP	SR Winnsboro	LA	68257	WINN	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2026	12	66674	SR Wynne South, LLC	IPP	SR Wynne South	AR	68258	WYNS	4.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.8
2026	12	65072	Sacramento Valley Energy Center, LLC	IPP	Sacramento Valley Energy Center, LLC	CA	65808	BEVEC	100.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2026	12	65072	Sacramento Valley Energy Center, LLC	IPP	Sacramento Valley Energy Center, LLC	CA	65808	SVEC	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2026	12	65144	Samsung C&T Renewables, LLC	IPP	Cairos Solar and Storage	TX	67581	CIRSA	153.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	153.3
2026	12	65144	Samsung C&T Renewables, LLC	IPP	Cairos Solar and Storage	TX	67581	CIRSB	77.3	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	77.3
2026	12	63954	Shepherd's Run Solar	IPP	Shepherd's Run Solar	NY	64188		42.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	42.0
2026	12	66728	Show Me State Solar, LLC	IPP	Show Me State Solar	MO	68325	SMS	250.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	250.0
2026	12	63721	Skipjack Offshore Energy, LLC	IPP	Skipjack Wind Farm	MD	64083	SJW01	120.0	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	120.0
2026	12	63721	Skipjack Offshore Energy, LLC	IPP	Skipjack Wind Farm Phase 2	MD	65388	SJW02	846.0	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	846.0
2026	12	65079	Solar Proponent LLC	IPP	Clear Fork Creek Solar and BESS SLF	TX	65842	CFCBS	600.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	600.0
2026	12	65079	Solar Proponent LLC	IPP	Clear Fork Creek Solar and BESS SLF	TX	65842	CFCPV	600.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	600.0
2026	12	65079	Solar Proponent LLC	IPP	Tehuacana Creek 1 Solar and BESS	TX	65855	TE1BS	418.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	418.0
2026	12	64355	Solariant Capital, LLC	IPP	Wildcat Solar Power Plant LLC	NM	64849	ATMWS	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2026	12	64355	Solariant Capital, LLC	IPP	Wildcat Solar Power Plant LLC	NM	64849	WILDC	90.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	90.0
2026	12	65092	Springwater Solar, LLC	IPP	Springwater Solar, LLC	OH	65900	SPRI2	75.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	75.0
2026	12	66772	Swan Creek Wind LLC	IPP	Swan Creek Wind	NE	68382	SWCR	126.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	126.0
2026	12	62936	TREX US Red Holly LLC	IPP	TREX US Red Holly	TX	63202	701	250.0	Solar Photovoltaic	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	Solar Photovoltaic	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	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	180.0
2026	12	30151	Tri-State G & T Assn, Inc	IPP	Dolores Canyon Solar	CO	64858	C0497	110.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	110.0
2026	12	65777	Urban Grid Solar	IPP	Porter Mill Solar	MD	66854	PORM1	46.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	46.0
2026	12	64545	Vesper Energy Development LLC	IPP	Bradford Solar PA	PA	68014	BRDFS	100.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.5
2026	12	64545	Vesper Energy Development LLC	IPP	Juniper Creek Storage	CA	67945	JCSIB	200.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	200.0
2026	12	64545	Vesper Energy Development LLC	IPP	Meadow Springs Renewable Energy (Hybrid)	IL	67986	MSPRB	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	12	64545	Vesper Energy Development LLC	IPP	Meadow Springs Renewable Energy (Hybrid)	IL	67986	MSPRE	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2026	12	64545	Vesper Energy Development LLC	IPP	Mystic Springs Renewable Energy (Hybrid)	TX	67987	MYSPB	250.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2026	12	64545	Vesper Energy Development LLC	IPP	Mystic Springs Renewable Energy (Hybrid)	TX	67987	MYSPS	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2026	12	64545	Vesper Energy Development LLC	IPP	Scopus Solar	MO	68031	SCPSB	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	64545	Vesper Energy Development LLC	IPP	Scopus Solar	MO	68031	SCPSR	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	64545	Vesper Energy Development LLC	IPP	Vichy Solar	MO	68036	VCHSB	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	64545	Vesper Energy Development LLC	IPP	Vichy Solar	MO	68036	VCHSR	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2026	12	65165	ibV Energy Partners	IPP	Boulder Flats Solar	NV	65977	BF1PV	131.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	113.0
2027	1	66535	Belgian Renewable Energy Group (BREG)	IPP	Leuven Solar LLC	TX	67996	SEPAS	217.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	217.0
2027	1	64369	Canyonland Solar LLC	IPP	Canyonland Solar	CO	68468	COS13	140.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	140.0
2027	1	66579	Cape HoldCo LLC	IPP	Cape Generating Station	UT	68068	CP1G2	28.0	Geothermal	GEO	ST	(T) Regulatory approvals received. Not under construction	53.0
2027	1	66579	Cape HoldCo LLC	IPP	Cape Generating Station	UT	68068	CP1G3	28.0	Geothermal	GEO	ST	(T) Regulatory approvals received. Not under construction	53.0
2027	1	66620	Coles Wind, LLC	IPP	Coles Wind	IL	68184	COLES	300.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	1	61060	Cypress Creek Renewables	IPP	Soleil	TX	67664	SOLEI	450.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	450.0
2027	1	5248	Dominion Energy Inc.	Electric Utility	Coastal Virginia Offshore Wind (CVOW) Co	VA	64550	CVOWC	1,265.0	Offshore Wind Turbine	WND	WS	(T) Regulatory approvals received. Not under construction	2,640.0
2027	1	58468	Dominion Renewable Energy	IPP	Pineside Solar	VA	68075	PINES	74.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	74.9
2027	1	50123	Leeward Asset Management, LLC	IPP	Bluebonnet Prairie Wind	TX	68082	BBP	170.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	170.0
2027	1	50123	Leeward Asset Management, LLC	IPP	Morley Solar	MO	68083	MLY	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
2027	1	50123	Leeward Asset Management, LLC	IPP	Morrow Lake BESS	TX	68084	MLB	200.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	200.0
2027	1	50123	Leeward Asset Management, LLC	IPP	Parowan Solar	UT	65823	PARB	58.0	Batteries	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	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	58.0
2027	1	66816	Voyager Energy Storage LLC	IPP	Voyager Energy Storage	MI	68426	VOYGR	400.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	2	61222	174 Power Global Corp.	IPP	Turkey Creek Solar Project	CO	64744	TC001	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	2	66376	Gransolar Texas Five LLC	IPP	Hayrick BESS	TX	67779	GRSS	113.9	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	113.9
2027	3	57416	Acciona Energy USA Global, LLC	IPP	AEUG Madison Solar, LLC	KY	64659	AMS	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2027	3	66554	Cowboy Solar I	IPP	Cowboy Solar I	WY	68022	CLP20	400.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.0
2027	3	66554	Cowboy Solar I	IPP	Cowboy Solar I	WY	68022	CLPBS	400.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	400.0
2027	3	61060	Cypress Creek Renewables	IPP	Carriger	WA	67653	CARRI	160.0	Solar Photovoltaic	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	Solar Photovoltaic	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	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	140.0
2027	3	58970	Ecoplexus, Inc	IPP	Westminster NC	NC	63567	WSMTR	70.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	70.0
2027	3	66786	Gatsby Energy Storage LLC	IPP	Gatsby Energy Storage Project	TX	68428	GTSBY	103.4	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	103.4
2027	3	66252	Greenalia Wind Power Blue Hills, LLC	IPP	Blue Hills Wind Project	TX	67542	BHWP	276.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	276.0
2027	3	60025	Greenbacker Renewable Energy Corporation	IPP	Cherry Valley	IL	67253	761	12.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	12.5
2027	3	65470	Lock+ Hydro Friends Fund XLII, LLC	IPP	Braddock Lock and Dam	PA	59091	GEN1	5.3	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	5.3
2027	3	65144	Samsung C&T Renewables, LLC	IPP	Dios BESS, LLC	TX	67918	DIOS	201.6	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	201.6
2027	3	65144	Samsung C&T Renewables, LLC	IPP	Stark Solar, LLC	OH	66672	AG239	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	3	63786	Tygart LLC	IPP	Tygart Hydropower	WV	64171	1	3.0	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.0
2027	3	63786	Tygart LLC	IPP	Tygart Hydropower	WV	64171	2	3.0	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.0
2027	3	63786	Tygart LLC	IPP	Tygart Hydropower	WV	64171	3	3.0	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	10.0
2027	3	63726	Vistra Zero LLC	IPP	Forest Grove - Dodd	TX	64131	ESS1	1.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	1.0
2027	4	65511	Aragon Energy Storage LLC	IPP	Aragon Energy Storage	GA	66431	ARAG1	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	4	64138	Birch Creek Development, LLC (NC)	IPP	Friesian Holdings	NC	60692	PV1	75.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	75.0
2027	4	66796	Equinor Wind US LLC	IPP	Empire Wind 1	NY	68443	EMP01	810.0	Offshore Wind Turbine	WND	WS	(U) Under construction, less than or equal to 50 percent complete	810.0
2027	4	65837	Freestone Solar LLC	IPP	Timber Cove Solar	TX	66922	59957	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	4	66253	Greenalia Solar Power Donegal, LLC	IPP	Donegal Solar Project	TX	67543	DOGSP	204.2	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	204.2
2027	4	66254	Greenalia Solar Power Leitrim, LLC	IPP	Leitrim Solar Park	TX	67544	LEGSP	91.2	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	91.2
2027	4	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Merrillville Solar	IN	66114	INRD1	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	4	66255	RIC Development, LLC	IPP	Jim Wells BESS	TX	67553	RIC99	100.3	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.3
2027	4	66509	Red River Clean Energy	IPP	Chisme Solar and Storage	TX	68078	CHIBS	146.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	146.0
2027	4	66509	Red River Clean Energy	IPP	Chisme Solar and Storage	TX	68078	CHIPV	147.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	147.0
2027	4	66360	Reliability Design & Development LLC	IPP	Imperial Power Plant LLC	TX	67742	SUGAR	144.0	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	148.0
2027	4	17166	Sierra Pacific Power Co	Electric Utility	Sierra Solar Hybrid	NV	67978	SSPV1	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2027	4	65079	Solar Proponent LLC	IPP	Middlebrook Creek Solar and BESS	TX	65853	MIDBS	302.9	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	302.9
2027	4	65079	Solar Proponent LLC	IPP	Middlebrook Creek Solar and BESS	TX	65853	MIDPV	609.1	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	609.1
2027	4	66689	Sweetleaf Solar LLC	IPP	Sweetleaf Solar LLC	NC	68271	SWLS1	93.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	93.0
2027	4	59966	Wolf Summit Energy LLC	IPP	Wolf Summit Energy	WV	60206	HCCA1	205.4	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	207.4
2027	4	59966	Wolf Summit Energy LLC	IPP	Wolf Summit Energy	WV	60206	HCCT1	319.1	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	371.5

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	4	66715	Yuma bn, LLC	IPP	ORCHARD Solar Generation and BESS	AZ	68328	ORCH1	500.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	500.0
2027	4	66715	Yuma bn, LLC	IPP	ORCHARD Solar Generation and BESS	AZ	68328	ORCH2	500.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	500.0
2027	5	62910	300MS 8me LLC	IPP	Southern Bighorn Solar Hybrid	NV	63113	BESS	300.0	Batteries	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	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	5	63807	302PN 8me LLC	IPP	Red Antelope Solar & Energy Storage Farm	AZ	64208	30PNA	400.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.0
2027	5	63807	302PN 8me LLC	IPP	Red Antelope Solar & Energy Storage Farm	AZ	64208	30PNB	300.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	5	66463	51LV 8me, LLC	IPP	Bellefield 3 Solar and Battery Storage	CA	67894	51LVA	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	5	66463	51LV 8me, LLC	IPP	Bellefield 3 Solar and Battery Storage	CA	67894	51LVB	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	5	64904	AES Clean Energy	IPP	Willow Beach Wind	TX	68090	WILLO	200.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2027	5	65687	Accalia Point Solar, LLC	IPP	Accalia Point Solar, LLC	TX	66673	66666	190.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	190.5
2027	5	54803	Dynegy Oakland, LLC	IPP	Dynegy Oakland Power Plant	CA	6211	GEN4	43.3	Batteries	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	Natural Gas Fired Combined Cycle	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	Petroleum Liquids	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	Petroleum Liquids	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	Petroleum Liquids	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	Petroleum Liquids	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	Petroleum Liquids	DFO	IC	(L) Regulatory approvals pending. Not under construction	3.4
2027	5	66695	Gigawatt Solar LLC	IPP	Gigawatt Solar	TX	68305	GW1T	502.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	502.0
2027	5	66695	Gigawatt Solar LLC	IPP	Gigawatt Solar	TX	68305	GW12	502.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	502.0
2027	5	66374	Gransolar Texas Four LLC	IPP	Harryoung PV and BESS	TX	67777	GRS4B	190.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	190.0
2027	5	66374	Gransolar Texas Four LLC	IPP	Harryoung PV and BESS	TX	67777	GRS4P	190.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	190.0
2027	5	66108	Hinds Solar, LLC	IPP	Hinds Solar, LLC	MS	67231	HS	150.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2027	5	66696	Ion Solar LLC (TX)	IPP	Ion Solar (TX)	TX	68306	ION	384.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	384.0
2027	5	63289	Key Capture Energy	IPP	KCE NY 30, LLC	NY	67838	NY30	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2027	5	63289	Key Capture Energy	IPP	KCE NY 31, LLC	NY	67839	NY31	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2027	5	66369	Mission Clean Energy Devco LLC	IPP	Cumbia Energy Center	TX	67768	CECBA	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN1	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN2	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN3	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN4	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN5	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN6	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	5	66255	RIC Development, LLC	IPP	Dunlay Solar	TX	67559	RIC95	150.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	180.4
2027	5	65079	Solar Proponent LLC	IPP	Rowdy Creek Solar and BESS	TX	65854	RDYBS	350.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	350.0
2027	5	65079	Solar Proponent LLC	IPP	Rowdy Creek Solar and BESS	TX	65854	RDYPV	700.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	700.0
2027	5	65777	Urban Grid Solar	IPP	Hillsboro Solar 3	AL	66852	HILL3	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2027	6	64904	AES Clean Energy	IPP	Sycamore Cross Solar	VA	68040	SYCAM	208.2	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	208.2
2027	6	66100	Boralex US Operations LLC	IPP	Diamond Solar (NY)	NY	67220	NY48	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2027	6	66100	Boralex US Operations LLC	IPP	Foothills Solar (NY)	NY	67221	NY128	40.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	40.0
2027	6	58597	Enviromission, Inc	IPP	La Paz Solar Tower	AZ	58652	1	200.0	Solar Thermal without Energy Storage	SUN	OT	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	6	66691	Erin Solar LLC	IPP	Erin	TX	68275	1	202.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	202.0
2027	6	58766	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	CA1	249.9	Natural Gas Fired Combined Cycle	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	Natural Gas Fired Combined Cycle	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	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	238.9
2027	6	66686	FRON bn, LLC	IPP	Frontier Solar	KY	68293	FRON	120.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	120.0
2027	6	66616	Fremont Solar, LLC	IPP	Fremont Solar	UT	68153	BA1	198.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	198.0
2027	6	66616	Fremont Solar, LLC	IPP	Fremont Solar	UT	68153	PV1	99.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	99.0
2027	6	66380	Gransolar Texas Twenty Two LLC	IPP	RedSun PV and BESS	TX	67782	GS22B	84.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	84.0
2027	6	66380	Gransolar Texas Twenty Two LLC	IPP	RedSun PV and BESS	TX	67782	GS22P	84.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	84.0
2027	6	66819	Kentucky Municipal Energy Agency	IPP	KYMEA Energy Center I	KY	68453	1	18.8	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2027	6	66819	Kentucky Municipal Energy Agency	IPP	KYMEA Energy Center I	KY	68453	2	18.8	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2027	6	66819	Kentucky Municipal Energy Agency	IPP	KYMEA Energy Center I	KY	68453	3	18.8	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2027	6	66819	Kentucky Municipal Energy Agency	IPP	KYMEA Energy Center I	KY	68453	4	18.8	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2027	6	66369	Mission Clean Energy Devco LLC	IPP	Bramble Energy Center	TX	67767	BECSA	225.1	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	225.1
2027	6	66740	OPPO bn, LLC	IPP	Oportunity Solar Generation and BESS	MT	68345	OPPO1	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2027	6	66740	OPPO bn, LLC	IPP	Oportunity Solar Generation and BESS	MT	68345	OPPO2	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2027	6	65105	Peeler Solar, LLC	IPP	Peeler Solar, LLC	TX	65932	PEELR	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2027	6	64514	Royalston Solar One, LLC	IPP	Royalston Solar One	MA	65136	VCP04	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2027	6	64514	Royalston Solar One, LLC	IPP	Royalston Solar One	MA	65136	VCPS1	2.5	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	2.5
2027	6	64387	Sandy Creek Solar LLC	IPP	Sandy Creek Solar	NY	64913	GEN1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2027	6	66606	Templeton Wind Energy Center, LLC	IPP	Templeton Wind	IN	68179	TEMPW	200.2	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	200.2
2027	6	65777	Urban Grid Solar	IPP	Beaver Creek Solar	PA	66850	BEAC1	34.2	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	34.2
2027	6	64657	Vacherie Solar Energy Center, LLC	IPP	Vacherie Solar Energy Center, LLC	LA	65345	VSEC	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2027	6	65104	Vermillion Rise Solar, LLC	IPP	Vermillion Rise Solar	IN	65935	14	225.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	225.0
2027	6	66318	Zeta Solar, LLC	IPP	Zeta Solar & Storage	CA	67676	GEN01	75.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	75.0
2027	6	66318	Zeta Solar, LLC	IPP	Zeta Solar & Storage	CA	67676	GEN02	75.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	75.0
2027	7	64904	AES Clean Energy	IPP	Somerset Solar LLC	NY	67324	NYSOM	125.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	7	66750	Abeja Solar Farm LLC	IPP	Abeja Solar Farm	TX	68347	ABPV1	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	66751	Alamo City ESS LLC	IPP	Alamo City ESS	TX	68348	ACESS	200.0	Batteries	MWH	BA	(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	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	419.0
2027	7	66752	Avant Prairie ESS LLC	IPP	Avant Prairie ESS	TX	68349	AVBS1	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	66754	Bravo ESS LLC	IPP	Bravo ESS	TX	68350	BESS1	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	66755	Clairemont Solar LLC	IPP	Clairemont Solar	TX	68351	CLAPV	500.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2027	7	56769	Consolidated Edison Development Inc.	IPP	Burt County Wind	NE	61511	BCNE	75.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	75.0
2027	7	66384	GRS BESS Texas Seven, LLC	IPP	Steelhead Energy Storage	TX	67798	GRS7	193.7	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	193.7
2027	7	65986	Gransolar Texas Three, LLC	IPP	Pecan BESS	TX	67774	GRS3	157.1	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	157.1
2027	7	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	WT1	2.4	Onshore Wind Turbine	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	Onshore Wind Turbine	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	Onshore Wind Turbine	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	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4

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)
2027	7	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	WT5	2.4	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2027	7	66757	La Salle ESS LLC	IPP	La Salle ESS	TX	68353	LSBS1	500.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	500.0
2027	7	66758	La Salle Solar LLC	IPP	La Salle Solar	TX	68354	LSPV1	500.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2027	7	66759	Lazy U ESS 1 LLC	IPP	Lazy U ESS 1	TX	68355	LUBA1	250.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2027	7	64265	Notch Peak Solar LLC	IPP	Notch Peak Solar LLC	UT	64669	KOV4A	324.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	324.0
2027	7	66763	Pepper Solar Farm LLC	IPP	Pepper Solar Farm	TX	68359	OCPSF	120.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	120.0
2027	7	65690	Premium Energy Holdings	IPP	Whale Rock Pumped Storage Hydro Project	CA	66685	WH001	200.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	65690	Premium Energy Holdings	IPP	Whale Rock Pumped Storage Hydro Project	CA	66685	WH002	200.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	65690	Premium Energy Holdings	IPP	Whale Rock Pumped Storage Hydro Project	CA	66685	WH003	200.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	66764	Prost ESS LLC	IPP	Prost ESS	TX	68360	PRESS	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	64726	Rivers Electric, LLC	IPP	Mill Pond Hydro	NY	65399	U3	0.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.5
2027	7	66765	Rush ESS LLC	IPP	Rush ESS	TX	68361	RUESS	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	17166	Sierra Pacific Power Co	Electric Utility	Sierra Solar Hybrid	NV	67978	SSES1	400.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	400.0
2027	7	66767	SunShiner ESS LLC	IPP	SunShiner ESS	TX	68363	SSES	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	7	62936	TREX US Red Holly LLC	IPP	TREX US Red Holly	TX	63202	701-S	50.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	50.0
2027	7	66768	Tex-Bar ESS LLC	IPP	Tex-Bar ESS	TX	68364	TBESS	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	8	66581	GRS BESS Texas Eight LLC	IPP	Marcos PV and BESS	TX	68080	GRS8B	115.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	115.9
2027	8	66581	GRS BESS Texas Eight LLC	IPP	Marcos PV and BESS	TX	68080	GRS8P	115.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	115.9
2027	8	66377	Gransolar Texas Seventeen, LLC	IPP	Itsee Solar	TX	67780	GRS17	53.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	53.3
2027	8	65698	Holly Branch Solar, LLC	IPP	Holly Branch Solar, LLC	TX	66692	HOLLY	230.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	230.0
2027	8	65698	Holly Branch Solar, LLC	IPP	Holly Branch Solar, LLC	TX	66692	HOLY	100.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2027	8	65079	Solar Proponent LLC	IPP	Hollow Branch Creek 2 Solar and BESS SLF	TX	65851	HB2BS	460.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	460.0
2027	8	65079	Solar Proponent LLC	IPP	Hollow Branch Creek 2 Solar and BESS SLF	TX	65851	HB2PV	460.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	460.0
2027	8	66704	THIS BN, LLC	IPP	THREE SISTERS Solar Generation and BESS	AZ	68298	THS1I	300.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	300.0
2027	8	66704	THIS BN, LLC	IPP	THREE SISTERS Solar Generation and BESS	AZ	68298	THS12	300.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2027	8	66632	Two Rivers Solar, LLC	IPP	Two Rivers Solar	TX	68198	TRS	214.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	214.0
2027	9	66731	BrightNight Power	IPP	Starfire Mountain Solar	KY	68369	STMO	410.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	410.0
2027	9	61060	Cypress Creek Renewables	IPP	Scotch Grove Solar	NC	67663	SGROV	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2027	9	66263	Greenalia Solar Power Wittig, LLC	IPP	Wittig Solar Park	TX	67568	WIGSP	96.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	96.0
2027	9	65587	Mammoth Central LLC	IPP	Mammoth Central Solar Project	IN	66546	MMTHC	300.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	300.0
2027	9	65587	Mammoth Central LLC	IPP	Mammoth Central Solar Project	IN	66546	MTHC2	300.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	300.0
2027	9	65588	Mammoth South LLC	IPP	Mammoth South Solar Project	IN	66545	MMTHS	300.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	300.0
2027	9	65715	Strata Clean Energy	IPP	Austin Creek Solar	IL	66703	11103	140.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	140.0
2027	9	65715	Strata Clean Energy	IPP	Patoka Solar	IN	66706	11101	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2027	9	65715	Strata Clean Energy	IPP	Prairie Oak Solar	IL	66707	11102	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2027	10	66466	452HL 8me, LLC	IPP	Pasilla Solar and Battery Storage	NM	67897	45HLA	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2027	10	66466	452HL 8me, LLC	IPP	Pasilla Solar and Battery Storage	NM	67897	45HLB	250.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2027	10	66568	Alabama Creek Solar, LLC	IPP	Alabama Creek Solar	AL	68057	BAMA1	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2027	10	56769	Consolidated Edison Development Inc.	IPP	Alamo 3 BESS 2	TX	66293	A3BS2	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	10	66683	DYSP, LLC	IPP	Dyers Spring Solar	KY	68290	DYSP	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2027	10	66741	Lotus Solar LLC	IPP	Lotus Solar	SC	68337	LOTUS	75.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	75.0
2027	10	66191	Mineral Basin Solar Power, LLC	IPP	Mineral Basin Solar Power	PA	67378	MB	401.6	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	401.6
2027	10	14063	Oklahoma Gas & Electric Co	Electric Utility	Horseshoe Lake	OK	2951	11	224.0	Natural Gas Fired Combustion Turbine	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	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	224.0
2027	10	65124	Plum Nellie Wind Farm LLC	IPP	Plum Nellie Wind Farm LLC	KS	65948	PNW01	201.6	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	201.6
2027	10	66509	Red River Clean Energy	IPP	Concho Pearl Solar and Storage	TX	67956	CONBS	162.4	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	162.4
2027	10	66509	Red River Clean Energy	IPP	Concho Pearl Solar and Storage	TX	67956	CONPV	171.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	171.9
2027	10	61906	Rye Development	IPP	Emsworth L&D Hydroelectric Project	PA	62433	NA1	5.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2027	10	66530	Sandersville Solar, LLC	IPP	Sandersville Solar	GA	67988	PGR28	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2027	10	19436	Union Electric Co - (MO)	Electric Utility	Castle Bluff Energy Center	MO	67576	1	175.0	Natural Gas Fired Combustion Turbine	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	Natural Gas Fired Combustion Turbine	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	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	216.0
2027	10	64545	Vesper Energy Development LLC	IPP	Red Hollow Renewable Energy	TX	68030	RDHLW	300.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	10	64545	Vesper Energy Development LLC	IPP	Red Hollow Renewable Energy	TX	68030	RHLWB	300.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	11	64904	AES Clean Energy	IPP	Kahana Solar, LLC	HI	64095	KSBA	20.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2027	11	64904	AES Clean Energy	IPP	Kahana Solar, LLC	HI	64095	KSSOL	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2027	11	65441	Black Walnut Solar, LLC	IPP	Black Walnut Solar, LLC	NC	66363	GEN1	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2027	11	66531	Drawhorn Solar, LLC	IPP	Drawhorn Solar	GA	67989	PGR28	80.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	80.0
2027	11	64452	EDF Renewables Development, Inc.	IPP	Homer Solar Energy Center	NY	65052	HSEC	90.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	90.0
2027	11	64452	EDF Renewables Development, Inc.	IPP	Rock House Solar	GA	67226	ROCKH	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2027	11	64452	EDF Renewables Development, Inc.	IPP	Tracy Solar Energy Center	NY	65051	TSEC	119.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	119.0
2027	11	12685	Entergy Mississippi LLC	Electric Utility	Delta Solar Plant	LA	68028	DSP	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2027	11	63838	Hecate Grid Swiftsure LLC	IPP	Swiftsure	NY	64235	SWFTS	121.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	121.0
2027	11	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	1	0.6	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2027	11	66461	Two Oaks Solar and Storage	IPP	Two Oaks Solar and Storage LLC	VA	67884	ENX28	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2027	11	64545	Vesper Energy Development LLC	IPP	Syracuse and Tours Renewable Energy	CA	68035	SYTOB	40.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	40.0
2027	11	64545	Vesper Energy Development LLC	IPP	Syracuse and Tours Renewable Energy	CA	68035	SYTOR	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	40.0
2027	12	60799	33UI 8me LLC	IPP	Gale 1 Solar	UT	61170	33UI8	300.0	Solar Photovoltaic	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	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	64245	90FI 8me, LLC	IPP	Kingsley Solar Farm	CA	64634	90FI8	225.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	225.0
2027	12	64245	90FI 8me, LLC	IPP	Kingsley Solar Farm	CA	64634	90FIB	74.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	74.0
2027	12	64904	AES Clean Energy	IPP	Empire Solar (NY)	NY	66663	EMPIR	125.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	125.0

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2027	12	66711	ARFL bn, LLC	IPP	Anthelope Hills Solar Generation BESS	MT	68315	ARFL1	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2027	12	66711	ARFL bn, LLC	IPP	Anthelope Hills Solar Generation BESS	MT	68315	ARFL2	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2027	12	64615	Antares Group Inc	IPP	Elm Spring Solar 1	VA	65313	ES	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2027	12	64615	Antares Group Inc	IPP	Shervalee Solar	VA	65312	SV	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2027	12	66712	BIGL bn, LLC	IPP	Biglow Solar Generation and BESS	OR	68316	BIGL1	450.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	450.0
2027	12	66712	BIGL bn, LLC	IPP	Biglow Solar Generation and BESS	OR	68316	BIGL2	250.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	250.0
2027	12	66061	BQ Energy Development	IPP	Greater Wise Solar Project	VA	68278	21066	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2027	12	64736	Beartooth Energy Storage, LLC	IPP	Beartooth Energy Storage LLC	MT	65407	BEAR1	50.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	50.0
2027	12	66607	Belltown Power Texas 2, LLC	IPP	Symank Solar	TX	68175	SYMPV	66.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	66.6
2027	12	66511	Boyles Run Solar I, LLC	IPP	BAI-Boyles Run-Phase I	PA	67954	BRPV1	15.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	15.9
2027	12	66512	Boyles Run Solar II, LLC	IPP	BAI-Boyles Run-Phase 2	PA	67955	BRPV2	15.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	15.9
2027	12	65697	Briggs Solar, LLC	IPP	Briggs Solar, LLC	TX	66691	BRIGG	305.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	305.0
2027	12	65697	Briggs Solar, LLC	IPP	Briggs Solar, LLC	TX	66691	BRUGG	70.5	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	70.5
2027	12	66731	BrightNight Power	IPP	AGATE BESS	WA	68366	AGAT	170.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	170.0
2027	12	66731	BrightNight Power	IPP	Red Butte Solar and Storage	UT	68371	REBU	300.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2027	12	66731	BrightNight Power	IPP	Red Butte Solar and Storage	UT	68371	REBU2	300.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	300.0
2027	12	66181	CPV County Line Solar, LLC	IPP	CPV County Line Solar, LLC	VA	67352	CPVCL	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	63465	Candela Renewables, LLC	IPP	Rough Hat	NV	63782	RH1	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2027	12	66571	Clenera DevCo LLC	IPP	Gemstone Solar LLC	MI	68061	GEMPV	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2027	12	64389	ConnectGen Chautauqua County LLC	IPP	South Ripley Solar	NY	64911	CSRB1	20.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	20.0
2027	12	64389	ConnectGen Chautauqua County LLC	IPP	South Ripley Solar	NY	64911	CSRS1	270.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	270.0
2027	12	56769	Consolidated Edison Development Inc.	IPP	Crane 2 BESS 2	TX	66300	CRBS2	150.0	Batteries	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	Batteries	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	Batteries	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	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	12	66773	Cotton Belle Solar, LLC	IPP	Cotton Belle Solar	TX	68383	CB1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2027	12	61060	Cypress Creek Renewables	IPP	Bhalu	TX	67652	BHALU	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2027	12	66681	EAGL bn, LLC	IPP	Eagle Eye Solar and Storage	AZ	68287	EAGL1	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2027	12	66681	EAGL bn, LLC	IPP	Eagle Eye Solar and Storage	AZ	68287	EAGL2	400.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	400.0
2027	12	64452	EDF Renewables Development, Inc.	IPP	Bonanza Solar and Storage Project	NV	66908	BZES	195.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	195.0
2027	12	64452	EDF Renewables Development, Inc.	IPP	Bonanza Solar and Storage Project	NV	66908	BZPV	300.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2027	12	64452	EDF Renewables Development, Inc.	IPP	Lycan Solar Project	CA	66805	LYCAN	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2027	12	66412	Emeren US, LLC	IPP	Gibson Solar Project - Hybrid	CA	67836	GSP1	13.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	13.0
2027	12	66412	Emeren US, LLC	IPP	Gibson Solar Project - Hybrid	CA	67836	GSP2	13.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	13.0
2027	12	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	CA1	249.9	Natural Gas Fired Combined Cycle	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	Natural Gas Fired Combined Cycle	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	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	238.9
2027	12	66685	GGSO, LLC	IPP	Gage Solar	KY	68292	GGSO	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2027	12	66738	GRVA bn, LLC	IPP	Grand Valley Solar Generation and BESS	CO	68343	GRVA1	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2027	12	66738	GRVA bn, LLC	IPP	Grand Valley Solar Generation and BESS	CO	68343	GRVA2	100.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2027	12	7140	Georgia Power Co	Electric Utility	Yates	GA	728	10	418.4	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	482.8
2027	12	7140	Georgia Power Co	Electric Utility	Yates	GA	728	9	418.4	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	482.8
2027	12	63832	Hecate Energy Harley Hand Solar LLC	IPP	Hecate Energy Harley Hand Solar LLC	TX	64234	19936	514.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	514.0
2027	12	66521	Hodson Greendefine Jay Desoto LLC	IPP	New Jay PV & BESS	IN	67966	NEWJ1	39.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	39.0
2027	12	66640	IP Meitner, LLC	IPP	IP Meitner Solar	TX	68203	MEITS	340.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	340.0
2027	12	66640	IP Meitner, LLC	IPP	IP Meitner Wind	TX	68204	MEITW	460.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	460.0
2027	12	49893	Invenergy Services LLC	IPP	Powell Solar	OR	67157	BESS1	20.5	Batteries	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	Solar Photovoltaic	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	9.6
2027	12	63289	Key Capture Energy	IPP	KCE NY 35, LLC	NY	67840	NY35	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	12	63289	Key Capture Energy	IPP	KCE NY 36, LLC	NY	67841	NY36	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	66714	Lake Trout Solar	IPP	Lake Trout Solar	IN	68302	LAKET	245.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	245.0
2027	12	66187	Lake Whitney Solar, LLC	IPP	Lake Whitney Solar	TX	67358	4670	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	50123	Leeward Asset Management, LLC	IPP	Mayes County Solar	OK	68006	MYS	101.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	101.5
2027	12	50123	Leeward Asset Management, LLC	IPP	Rose Gold Solar	IN	65471	RGS23	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2027	12	66178	Liberty Renewables Incorporated	IPP	Agricola Wind	NY	68228	Q1448	99.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	99.0
2027	12	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Big Elk Solar	NE	66113	NEBE1	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2027	12	61596	Lincoln Land Energy Center LLC	IPP	Lincoln Land Energy Center	IL	62022	GEN1	520.0	Natural Gas Fired Combined Cycle	NG	CS	(P) Planned for installation, but regulatory approvals not initiated	638.4
2027	12	65812	Lumberton PV I, LLC	IPP	Lumberton PV I, LLC	TX	66904	LBTN	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2027	12	66508	Moonlight Flats Solar Power, LLC	IPP	Moonlight Flats Solar Power 2	PA	67951	MFS2	126.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	126.5
2027	12	66508	Moonlight Flats Solar Power, LLC	IPP	Moonlight Flats Solar Power 3	PA	67953	MFS3	202.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	202.4
2027	12	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN10	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN11	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN12	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN7	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN8	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN9	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2027	12	64800	Nolin Hills Wind, LLC	IPP	Nolin Hills	OR	60070	GEN	300.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	300.0
2027	12	66774	Old Town Wind LLC	IPP	Old Town Wind	IL	68413	OT	178.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	178.0
2027	12	66448	Parks Valley Energy LLC	IPP	Parks Valley Energy LLC	WV	67874	ENX32	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-1	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-10	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-11	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-2	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-3	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-4	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-5	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-6	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-7	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	66707	Puuloa Energy LLC	IPP	Puuloa Energy	HI	68284	PE-8	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4

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)
2027	12	66707	Puuloo Energy LLC	IPP	Puuloo Energy	HI	68284	PE-9	9.4	Other Waste Biomass	OBL	IC	(P) Planned for installation, but regulatory approvals not initiated	9.4
2027	12	61906	Rye Development	IPP	Allegheny L&D2 Hydroelectric Project	PA	62401	NA2	2.5	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.8
2027	12	66588	SR Copeland, LLC	IPP	SR Copeland	TN	68099	COPE	110.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	110.0
2027	12	66602	SR Hope Hull, LLC	IPP	SR Hope Hull	AL	68104	HPHUL	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2027	12	17698	Southwestern Electric Power Co	Electric Utility	Hallsville	TX	68417	1	200.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	225.0
2027	12	17698	Southwestern Electric Power Co	Electric Utility	Hallsville	TX	68417	2	200.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	225.0
2027	12	64606	Steward Creek Solar, LLC	IPP	Steward Creek Solar Phase 1	IL	65301	SC1	1,200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1,200.0
2027	12	65815	Sunrayer Assets I LLC	IPP	Albatross Solar, LLC	TX	66894	ALBBA	50.4	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.4
2027	12	65815	Sunrayer Assets I LLC	IPP	Albatross Solar, LLC	TX	66894	ALBPV	101.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	101.0
2027	12	65815	Sunrayer Assets I LLC	IPP	Lupinus Solar 2, LLC	TX	66896	LP2BA	122.9	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	122.9
2027	12	65815	Sunrayer Assets I LLC	IPP	Lupinus Solar 2, LLC	TX	66896	LP2PV	244.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	244.0
2027	12	66778	Sunstone Solar, LLC	IPP	Sunstone Solar	OR	68396	PGB45	1,200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	1,200.0
2027	12	66778	Sunstone Solar, LLC	IPP	Sunstone Solar	OR	68396	PGR45	1,200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1,200.0
2027	12	66705	TUAL bn, LLC	IPP	Tualatin Battery Energy Storage System	OR	68299	TUAL	1,200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	1,200.0
2027	12	18642	Tennessee Valley Authority	Electric Utility	Lawrence County Solar	AL	67233	SOL1	193.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	193.0
2027	12	63759	Triple Oak Power LLC	IPP	Jawbone Wind Project	MT	58175	JWPI	80.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	80.0
2027	12	65777	Urban Grid Solar	IPP	Fairview Solar (AR)	AR	66851	FAIR1	75.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	75.0
2027	12	65104	Vermillion Rise Solar, LLC	IPP	Vermillion Rise Solar	IN	65935	BAT	40.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	40.0
2027	12	64545	Vesper Energy Development LLC	IPP	Firefly Solar PA	PA	67984	FFLPA	401.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	401.6
2027	12	64545	Vesper Energy Development LLC	IPP	Sunrose Renewable Energy	TX	68033	SNRSE	300.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	12	64545	Vesper Energy Development LLC	IPP	Sunrose Renewable Energy	TX	68033	SRSEB	300.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	300.0
2027	12	66190	Waco Solar II, LLC	IPP	Waco Solar II	TX	67354	5698	190.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	190.0
2028	1	66731	BrightNight Power	IPP	Salmonfly Solar and Storage	OR	68370	SALM	247.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	247.0
2028	1	66731	BrightNight Power	IPP	Salmonfly Solar and Storage	OR	68370	SALM2	247.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	247.0
2028	1	58468	Dominion Renewable Energy	IPP	Rocky Run Solar	VA	68076	ROCKY	300.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2028	1	6738	Franklin Heating Station	Commercial	Franklin Heating Station	MN	54224	DG9	3.1	Petroleum Liquids	DFO	IC	(T) Regulatory approvals received. Not under construction	3.1
2028	1	65478	Gransolar Texas Fourteen, LLC	IPP	Eytcheson Solar	TX	66398	EYTCH	76.4	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	76.4
2028	1	66375	Gransolar Texas Sixteen, LLC	IPP	Findley PV and BESS	TX	67778	GR16B	50.3	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	50.3
2028	1	66375	Gransolar Texas Sixteen, LLC	IPP	Findley PV and BESS	TX	67778	GR16P	50.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.3
2028	1	66564	Rodatherm Energy Corporation	Electric CHP	Rodatherm Milford 1	UT	68044	RODA1	1.8	Geothermal	GEO	BT	(U) Under construction, less than or equal to 50 percent complete	1.8
2028	1	65091	Rosebud Solar, LLC	IPP	Rosebud Solar, LLC	TX	65899	ROSEB	132.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	132.0
2028	2	61596	Lincoln Land Energy Center LLC	IPP	Lincoln Land Energy Center	IL	62022	GEN2	520.0	Natural Gas Fired Combined Cycle	NG	CS	(P) Planned for installation, but regulatory approvals not initiated	638.4
2028	2	65777	Urban Grid Solar	IPP	Spring Valley Solar 2	AL	66858	SPRV2	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2028	3	65410	ACTX BESS Project LLC	IPP	Ash Creek BESS	TX	66391	BESS	306.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	306.0
2028	3	63697	BD Solar Auburn LLC	IPP	Auburn PV - BD Solar Auburn LLC	ME	64067	AUBPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2028	3	63701	BD Solar Lewiston Junction LLC	IPP	Lewiston Jn PV - BD Solar Lewiston Jn LL	ME	64071	LJNPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2028	3	59686	Coronado Power Ventures LLC	IPP	Aegle Power	TX	59924	CTG-1	430.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	430.0
2028	3	59686	Coronado Power Ventures LLC	IPP	Aegle Power	TX	59924	CTG-2	430.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	430.0
2028	3	59686	Coronado Power Ventures LLC	IPP	Aegle Power	TX	59924	STG-1	422.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	422.0
2028	3	12685	Entergy Mississippi LLC	Electric Utility	Penton Solar Plant	MS	68029	PSP	190.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	190.0
2028	3	66710	Industrial Kilo Project, LLC	IPP	Noor Solar	TX	68411	NORPV	185.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	188.2
2028	3	15143	Platte River Power Authority	Electric Utility	Rawhide	CO	6761	G	44.6	Natural Gas Fired Combustion Turbine	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	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	44.6
2028	4	66822	Bob Creek Wind, LLC	IPP	Bob Creek Wind, LLC	TX	68459	5961	175.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	175.0
2028	4	61060	Cypress Creek Renewables	IPP	Malala	TX	67660	MALAL	200.0	Batteries	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	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	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	18.8
2028	4	63553	Haymaker Energy Project LLC	IPP	Haymaker Hybrid	MT	63878	HAY	600.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	600.0
2028	4	66255	RIC Development, LLC	IPP	Blackcat BESS	TX	67558	RIC96	200.6	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.6
2028	4	66255	RIC Development, LLC	IPP	Menard Solar	TX	67561	RIC93	90.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	90.0
2028	4	66255	RIC Development, LLC	IPP	Serrano BESS	TX	67556	RIC97	185.6	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	185.6
2028	4	61906	Rye Development	IPP	Grenada Lake Hydroelectric Project	MS	62430	NA1	4.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	5.0
2028	4	66706	SINC bn, LLC	IPP	Sinclair BESS	WA	68300	SINC	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2028	4	64545	Vesper Energy Development LLC	IPP	Aurora Renewable Energy (Hybrid)	CA	67983	AURRB	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2028	4	64545	Vesper Energy Development LLC	IPP	Aurora Renewable Energy (Hybrid)	CA	67983	AURRE	50.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	50.0
2028	5	66697	Alpin Holding LLC	IPP	Echelon Solar	OH	68312	ECHE	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2028	5	66697	Alpin Holding LLC	IPP	Iris Solar	VA	68310	IRIS	90.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	90.0
2028	5	66697	Alpin Holding LLC	IPP	Issa Solar	VA	68314	ISSA	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2028	5	66697	Alpin Holding LLC	IPP	Matador Solar	OH	68307	MATAD	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2028	5	66697	Alpin Holding LLC	IPP	May Solar	VA	68313	MAY	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2028	5	66697	Alpin Holding LLC	IPP	Sunday Solar	VA	68309	SUN	140.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	140.0
2028	5	66697	Alpin Holding LLC	IPP	Twins Solar	VA	68311	TWINS	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2028	5	66697	Alpin Holding LLC	IPP	Wolf Creek Solar	OH	68308	WOLF	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0
2028	5	12685	Entergy Mississippi LLC	Electric Utility	Delta Blues Advanced Power Station	MS	67914	1A	422.2	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	477.0
2028	5	12685	Entergy Mississippi LLC	Electric Utility	Delta Blues Advanced Power Station	MS	67914	1C	291.5	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	341.7
2028	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN13	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN14	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN15	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN16	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN17	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	65493	Navajo Transitional Energy Company	Electric Utility	NTEC Gas Plant	NM	66478	GEN18	37.6	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	60.5
2028	5	66688	Rich Road Solar Energy Center	IPP	Rich Road Solar Energy Center	NY	68264	12345	240.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	240.0
2028	5	61906	Rye Development	IPP	Grenada Lake Hydroelectric Project	MS	62430	NA2	4.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	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)
2028	5	66694	Sandman Solar LLC	IPP	Sandman Solar	TX	68304	SAND	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2028	6	63520	326FW 8me LLC	IPP	Arida Solar (Hybrid)	NV	63841	ARIDA	370.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	370.0
2028	6	63520	326FW 8me LLC	IPP	Arida Solar (Hybrid)	NV	63841	BESS	370.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	370.0
2028	6	62161	Cubico USA, LLC	IPP	Centaurus Solar - GA	GA	67787	CENTA	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2028	6	66684	JUGU bn, LLC	IPP	Juniper Gulch Solar and Storage	ID	68291	JUGU1	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2028	6	66684	JUGU bn, LLC	IPP	Juniper Gulch Solar and Storage	ID	68291	JUGU2	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2028	6	66739	LOSNI, LLC	IPP	Lower Snake Solar Generation BESS	WA	68344	LOSNI1	300.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2028	6	66739	LOSNI, LLC	IPP	Lower Snake Solar Generation BESS	WA	68344	LOSNI2	300.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	300.0
2028	6	50123	Leeward Asset Management, LLC	IPP	Owens Creek Solar	IL	65446	OCS	500.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2028	6	63576	MEC North	IPP	MEC North	MI	63911	MECN	500.0	Natural Gas Fired Combined Cycle	NG	CS	(T) Regulatory approvals received. Not under construction	500.0
2028	6	63577	MEC South	IPP	MEC South	MI	63912	MECS	500.0	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals pending. Not under construction	500.0
2028	6	66527	May Renewables LLC	IPP	May Renewables	SC	67981	MAY	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2028	6	13902	NorthWestern Energy (MT Hydro)	Electric Utility	Hauser	MT	2185	HAU9	3.5	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2028	6	64545	Vesper Energy Development LLC	IPP	Athens Solar I (Hybrid)	CA	67982	ATHS1	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	6	64545	Vesper Energy Development LLC	IPP	Athens Solar I (Hybrid)	CA	67982	ATHSB	250.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	6	64545	Vesper Energy Development LLC	IPP	Cooper Canyon Renewable Energy	NV	68017	CCREB	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2028	6	64545	Vesper Energy Development LLC	IPP	Skylight Renewable Energy	CA	68032	SKLRE	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2028	6	64545	Vesper Energy Development LLC	IPP	Skylight Renewable Energy	CA	68032	SKREB	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2028	7	55937	Entergy Texas Inc.	Electric Utility	Legend Power Station	TX	68053	LEG	723.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	754.0
2028	7	65821	Hecate Grid Intrepid 1 LLC	IPP	Hecate Grid Intrepid	NY	66911	HGIN1	250.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65821	Hecate Grid Intrepid 1 LLC	IPP	Hecate Grid Intrepid	NY	66911	HGIN6	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2028	7	66687	MS1	IPP	Sun Bear	CO	68261	SNBR1	756.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	756.0
2028	7	66687	MS1	IPP	Sun Bear	CO	68261	SNBR2	150.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	150.0
2028	7	65690	Premium Energy Holdings	IPP	Haiwee Pumped Storage Project	CA	66686	HL001	250.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690	Premium Energy Holdings	IPP	Haiwee Pumped Storage Project	CA	66686	HL002	250.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690	Premium Energy Holdings	IPP	Haiwee Pumped Storage Project	CA	66686	HL003	250.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690	Premium Energy Holdings	IPP	Haiwee Pumped Storage Project	CA	66686	HL004	250.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690	Premium Energy Holdings	IPP	Intermountain Pumped Storage Project	UT	66684	HL001	250.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690	Premium Energy Holdings	IPP	Intermountain Pumped Storage Project	UT	66684	HL002	250.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690	Premium Energy Holdings	IPP	Intermountain Pumped Storage Project	UT	66684	HL003	250.0	Hydroelectric Pumped Storage	WAT	PS	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	7	65690	Premium Energy Holdings	IPP	Intermountain Pumped Storage Project	UT	66684	HL004	250.0	Hydroelectric Pumped Storage	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2028	7	66596	SR Milan, LLC	IPP	SR Milan	TN	68110	MILAN	2.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.8
2028	7	66766	Sun Angel ESS LLC	IPP	Sun Angel ESS	TX	68362	SABS1	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2028	8	66734	CVSO, LLC	IPP	Caverns Solar	FL	68331	CVSO	75.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	75.0
2028	8	66713	DUTC bn, LLC	IPP	Dutchman Solar generation and BESS	WY	68317	DUTC1	499.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	499.0
2028	8	66713	DUTC bn, LLC	IPP	Dutchman Solar generation and BESS	WY	68317	DUTC2	499.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	499.0
2028	8	14232	Otter Tail Power Co	Electric Utility	Abercrombie Solar	ND	68339	1	295.1	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	295.1
2028	8	65457	Panther Branch Solar, LLC	IPP	Panther Branch Solar, LLC	NC	66385	GEN1	80.0	Solar Photovoltaic	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2028	9	66560	Elliot Solar LLC	IPP	Elliot Solar LLC	IN	64904	1	200.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	200.0
2028	9	61906	Rye Development	IPP	Morgantown L&D Hydroelectric Project	WV	62387	NA2	1.5	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	3.0
2028	10	63289	Key Capture Energy	IPP	KCE CT 1, LLC	CT	66879	CT1	105.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	105.0
2028	10	61906	Rye Development	IPP	Beverly L&D Hydroelectric Project	OH	62403	NA1	1.2	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.5
2028	10	61906	Rye Development	IPP	Devola L&D Hydroelectric Project	OH	62435	NA1	1.0	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	7.5
2028	10	63626	Two Rivers Wind LLC	IPP	Two Rivers Wind Facility	WY	63972	TR1	6.1	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	6.1
2028	10	64545	Vesper Energy Development LLC	IPP	Sunscape Renewable Energy	TX	68034	SNSCB	500.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	500.0
2028	10	64545	Vesper Energy Development LLC	IPP	Sunscape Renewable Energy	TX	68034	SNSCP	500.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	500.0
2028	11	58880	Gallegos Wind Farm LLC	IPP	Gallegos Wind Farm, Phase 1	NM	59047	GEN 1	190.0	Onshore Wind Turbine	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0

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)
2028	11	61906	Rye Development	IPP	Montgomery L&D Hydroelectric Project	PA	62400	NA2	5.5	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	7.5
2028	12	64246	99MT 8me, LLC	IPP	Sienna Solar Farm	CA	64632	99MT8	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2028	12	64246	99MT 8me, LLC	IPP	Sienna Solar Farm	CA	64632	99MTB	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2028	12	64904	AES Clean Energy	IPP	Robeson Solar I	NC	68043	ROBES	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2028	12	807	Arkansas Electric Coop Corp	Electric Utility	Naples Power Plant	TX	68273	1	450.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	450.0
2028	12	807	Arkansas Electric Coop Corp	Electric Utility	Naples Power Plant	TX	68273	2	450.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	450.0
2028	12	66607	Belltown Power Texas 2, LLC	IPP	Augite Storage	TX	68164	AUGBA	151.4	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	151.4
2028	12	66731	BrightNight Power	IPP	Mayfield Solar and Storage	KY	68368	MYSO	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2028	12	66731	BrightNight Power	IPP	Pepper Hammock Solar and Storage	GA	68367	PEHA	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	400.0
2028	12	66701	CENT bn, LLC	IPP	Centralia Battery Energy Storage System	WA	68282	CENT	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2028	12	61817	Collard Holdings, LLC	IPP	Collard Holdings Solar	NC	62317	PV	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
2028	12	64388	ConnectGen Montgomery County LLC	IPP	Mill Point Solar	NY	64912	CMPS1	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	12	66733	Crossroads bn, LLC	IPP	Crossroads Solar - GA	GA	68333	CROS	150.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2028	12	66735	DEGA bn, LLC	IPP	Dega Solar and Storage	AL	68332	DEGA1	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2028	12	66735	DEGA bn, LLC	IPP	Dega Solar and Storage	AL	68332	DEGA2	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2028	12	66702	DESA bn, LLC	IPP	Desert Sand BESS	AZ	68283	DESA	300.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	300.0
2028	12	66771	Dos Rios Wind Farm, LLC	IPP	Dos Rios Wind	OK	68381	DR	220.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	220.0
2028	12	56201	Engie North America	IPP	Octans	TX	65590	OCTNS	125.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	125.0
2028	12	11241	Entergy Louisiana LLC	Electric Utility	Titanium Advanced Power Station	LA	68214	1A	435.4	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	469.3
2028	12	11241	Entergy Louisiana LLC	Electric Utility	Titanium Advanced Power Station	LA	68214	1B	302.8	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	311.0
2028	12	11241	Entergy Louisiana LLC	Electric Utility	Titanium Advanced Power Station	LA	68214	2A	435.4	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	469.3
2028	12	11241	Entergy Louisiana LLC	Electric Utility	Titanium Advanced Power Station	LA	68214	2B	302.8	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	311.0
2028	12	66756	Girasol Solar Farm LLC	IPP	Girasol Solar Farm	MS	68352	GIPV1	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2028	12	66737	HOHI bn, LLC	IPP	Hop Hill Solar Generation and BESS	WA	68342	HOHI1	1,400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1,400.0
2028	12	66737	HOHI bn, LLC	IPP	Hop Hill Solar Generation and BESS	WA	68342	HOHI2	1,400.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	1,400.0
2028	12	66636	IP Roman, LLC	IPP	IP Roman Solar	TX	68201	ROMS	425.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	425.0
2028	12	66636	IP Roman, LLC	IPP	IP Roman Wind	TX	68202	ROMW	575.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	575.0
2028	12	66682	MAHI bn, LLC	IPP	Flag Run Solar	IN	68288	MAHI	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2028	12	66508	Moonlight Flats Solar Power, LLC	IPP	Moonlight Flats Solar Power 1	PA	67950	MFS1	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2028	12	61956	Mount Sinai South Nassau Hospital	Commercial	Mount Sinai South Nassau Hospital	NY	62447	5	3.9	Petroleum Liquids	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	Petroleum Liquids	DFO	IC	(V) Under construction, more than 50 percent complete	3.9
2028	12	14354	PacifiCorp	IPP	Arco Wind and Solar Project	ID	66651	C2-92	206.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	206.0
2028	12	66490	Pigeon Run Solar, LLC	IPP	Pigeon Run Solar Project	VA	64767	TC001	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2028	12	61784	Rolling Upland Wind Farm LLC	IPP	Rolling Upland Wind Farm LLC	NY	62262	GEN1	71.4	Onshore Wind Turbine	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	Conventional Hydroelectric	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	Conventional Hydroelectric	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	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2028	12	65144	Samsung C&T Renewables, LLC	IPP	Richwood Solar and Storage	OH	68019	RICBA	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2028	12	64540	TransAlta Corporation	IPP	Prairie Violet Wind LLC	IL	66343	PVLET	130.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	130.0
2028	12	66259	Vista Sands Solar LLC	IPP	Vista Sands Solar	WI	67551	VISTA	1,182.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	1,182.0
2028	12	66491	Zenith Solar, LLC	IPP	Zenith Solar	VA	64768	TC001	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2029	1	66397	CG Northwestern Solar I LLC	IPP	Robinson Solar	NV	67819	CRSB1	1,000.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	1,000.0
2029	1	66397	CG Northwestern Solar I LLC	IPP	Robinson Solar	NV	67819	CRSS1	1,000.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1,000.0
2029	1	22500	Evergy Kansas Central, Inc	Electric Utility	Viola Generating Station	KS	68294	VIO1	693.2	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals pending. Not under construction	765.0
2029	4	66430	Kingstree East 230 LLC	IPP	Kingstree East 230 Solar Project	SC	67862	SOLAR	249.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	249.0
2029	7	64904	AES Clean Energy	IPP	Riverside Solar LLC	NY	67325	NYRIV	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2029	9	64970	Hecate Grid Humidor Storage 1 LLC	IPP	Humidor Storage I	CA	65703	HEHUM	300.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	300.0
2029	10	61785	EDP Renewables North America LLC	IPP	Saddle Mountain East Wind Farm	WA	62263	GEN1	126.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	126.0
2029	10	64457	VCP Realty, LLC	IPP	Crooked Trail Solar	ME	68416	CTS1	68.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	68.0
2029	11	63966	Emerick Wind, LLC	IPP	Emerick Wind	NE	64344	9999	322.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	322.0
2029	12	65708	Buffalo Branch Wind and Solar LLC	IPP	Buffalo Branch Wind and Solar LLC	MO	66701	BB1	247.0	Onshore Wind Turbine	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	Onshore Wind Turbine	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	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	885.6
2029	12	66593	SR Jasper, LLC	IPP	SR Jasper	MS	68105	JASP	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2030	1	1182	BASF Corporation	Industrial	Geismar	LA	10319	GEN4	42.0	Natural Gas Fired Combustion Turbine	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	Natural Gas Steam Turbine	NG	ST	(P) Planned for installation, but regulatory approvals not initiated	25.0
2030	1	58468	Dominion Renewable Energy	IPP	Bellflower Solar (VA)	VA	68071	BELLF	600.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	600.0
2030	1	22500	Evergy Kansas Central, Inc	Electric Utility	McNew Generating Station	KS	68295	MCN1	690.4	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals pending. Not under construction	765.0
2030	1	12698	Evergy Missouri West	Electric Utility	Mullin Creek #1 Generating Station	MO	68296	MC1	425.1	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	489.7
2030	1	55983	Luminant Generation Company LLC	IPP	Alira	TX	63193	UNIT1	222.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	222.8
2030	4	66464	21OMS 8me, LLC	IPP	Brittlebush Solar and Battery Storage	TX	67895	21MSA	400.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.0
2030	4	66464	21OMS 8me, LLC	IPP	Brittlebush Solar and Battery Storage	TX	67895	21MSB	400.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	400.0
2030	4	64452	EDF Renewables Development, Inc.	IPP	Lycan Solar Project	CA	66805	LYCN2	400.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	400.0
2030	10	65110	Winding Stair Wind	IPP	Winding Stair Wind	IA	65938	WINDG	212.0	Onshore Wind Turbine	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	II-A	980.1	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	980.1
2030	12	58105	University of Redlands	Commercial	Energy Center	CA	58168	TURB4	0.3	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	0.3
2030	12	58105	University of Redlands	Commercial	Energy Center	CA	58168	TURB5	0.3	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	0.3
2030	12	58105	University of Redlands	Commercial	Energy Center	CA	58168	TURB6	0.3	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	0.3
2031	6	66527	May Renewables LLC	IPP	May Renewables	SC	67981	MAYB	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2031	12	58842	Power Company of Wyoming LLC	IPP	Chokecherry and Sierra Madre Wind	WY	58987	II-B	792.0	Onshore Wind Turbine	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	Other Waste Biomass	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	Other Waste Biomass	OBG	CA	(U) Under construction, less than or equal to 50 percent complete	9.0

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 6.6. 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	1058	B Braun Medical Inc	Industrial	B Braun Medical	CA	50200	GEN1	2.7	Natural Gas Fired Combustion Turbine	NG	GT
2024	12	1058	B Braun Medical Inc	Industrial	B Braun Medical	CA	50200	GEN2	3.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	12	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN2	80.0	Natural Gas Fired Combined Cycle	NG	CA
2024	12	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN3	94.0	Natural Gas Fired Combined Cycle	NG	CA
2024	12	5416	Duke Energy Carolinas, LLC	Electric Utility	G G Allen	NC	2718	1	120.0	Conventional Steam Coal	BIT	ST
2024	12	7601	Green Mountain Power Corp	Electric Utility	Rutland	VT	3723	GT5	8.4	Petroleum Liquids	DFO	IC
2024	12	11249	Louisville Gas & Electric Co	Electric Utility	Mill Creek (KY)	KY	1364	1	300.0	Conventional Steam Coal	BIT	ST
2024	12	15400	Procter & Gamble Co	Industrial	Procter & Gamble Cincinnati Plant	OH	50456	GEN1	11.7	Natural Gas Steam Turbine	NG	ST
2025	1	17568	Cooperative Energy	Electric Utility	Moselle	MS	2070	3	59.0	Natural Gas Steam Turbine	NG	ST
2025	1	5347	Dow Chemical Co	Industrial	LaO Energy Systems	LA	52006	GEN6	52.0	Natural Gas Fired Combined Cycle	NG	CT
2025	3	16604	City of San Antonio - (TX)	Electric Utility	V H Braunig	TX	3612	1	217.0	Natural Gas Steam Turbine	NG	ST
2025	3	16604	City of San Antonio - (TX)	Electric Utility	V H Braunig	TX	3612	2	230.0	Natural Gas Steam Turbine	NG	ST
2025	3	16604	City of San Antonio - (TX)	Electric Utility	V H Braunig	TX	3612	3	412.0	Natural Gas Steam Turbine	NG	ST
2025	3	8453	Hendricks Regional Health	Commercial	Hendricks Regional Health	IN	54731	GEO1	0.5	Petroleum Liquids	DFO	IC
2025	3	8453	Hendricks Regional Health	Commercial	Hendricks Regional Health	IN	54731	GEO2	0.5	Petroleum Liquids	DFO	IC
2025	3	8453	Hendricks Regional Health	Commercial	Hendricks Regional Health	IN	54731	GEO3	0.3	Petroleum Liquids	DFO	IC
2025	4	6452	Florida Power & Light Co	Electric Utility	Pea Ridge	FL	7715	1	4.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	4	6452	Florida Power & Light Co	Electric Utility	Pea Ridge	FL	7715	2	4.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	4	6452	Florida Power & Light Co	Electric Utility	Pea Ridge	FL	7715	3	4.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	4	65792	ITT Energy Tech Partners, LLC	Commercial	ITT Cogen Facility	IL	52021	GEN1	3.5	Natural Gas Fired Combustion Turbine	NG	GT
2025	4	65792	ITT Energy Tech Partners, LLC	Commercial	ITT Cogen Facility	IL	52021	GEN2	3.5	Natural Gas Fired Combustion Turbine	NG	GT
2025	5	4254	Consumers Energy Co - (MI)	Electric Utility	J H Campbell	MI	1710	1	260.0	Conventional Steam Coal	SUB	ST
2025	5	4254	Consumers Energy Co - (MI)	Electric Utility	J H Campbell	MI	1710	2	279.8	Conventional Steam Coal	SUB	ST
2025	5	4254	Consumers Energy Co - (MI)	Electric Utility	J H Campbell	MI	1710	3	790.7	Conventional Steam Coal	SUB	ST
2025	6	60421	Brandon Shores LLC	IPP	Brandon Shores	MD	602	1	635.0	Conventional Steam Coal	BIT	ST
2025	6	60421	Brandon Shores LLC	IPP	Brandon Shores	MD	602	2	638.0	Conventional Steam Coal	BIT	ST
2025	6	6035	Constellation Power, Inc	IPP	Eddystone Generating Station	PA	3161	3	380.0	Natural Gas Steam Turbine	NG	ST
2025	6	6035	Constellation Power, Inc	IPP	Eddystone Generating Station	PA	3161	4	380.0	Natural Gas Steam Turbine	NG	ST
2025	6	60422	H.A. Wagner LLC	IPP	Herbert A Wagner	MD	1554	1	126.0	Petroleum Liquids	DFO	ST
2025	6	60422	H.A. Wagner LLC	IPP	Herbert A Wagner	MD	1554	3	305.0	Petroleum Liquids	DFO	ST
2025	6	60422	H.A. Wagner LLC	IPP	Herbert A Wagner	MD	1554	4	397.0	Petroleum Liquids	DFO	ST
2025	6	59504	Kirkwood Community College	IPP	Kirkwood Wind Turbine	IA	59735	KCC01	0.7	Onshore Wind Turbine	WND	WT
2025	6	19830	NRG Vienna Operations Inc	IPP	Vienna Operations	MD	1564	10	14.3	Petroleum Liquids	DFO	GT
2025	6	19830	NRG Vienna Operations Inc	IPP	Vienna Operations	MD	1564	8	153.0	Petroleum Liquids	RFO	ST
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G10	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G11	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G12	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G13	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G14	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G15	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G16	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G17	46.4	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G18	46.4	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G19	46.4	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	G20	46.4	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT1	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT2	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT3	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT4	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT5	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT6	15.1	Petroleum Liquids	DFO	GT
2025	6	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT7	15.1	Petroleum Liquids	DFO	GT
2025	7	11208	Los Angeles Department of Water & Power	Electric Utility	Intermountain Power Project	UT	6481	1	900.0	Conventional Steam Coal	BIT	ST
2025	7	11208	Los Angeles Department of Water & Power	Electric Utility	Intermountain Power Project	UT	6481	2	900.0	Conventional Steam Coal	BIT	ST
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G10	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G11	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G12	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G13	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G14	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G15	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	G16	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT1	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT2	47.1	Natural Gas Fired Combustion Turbine	NG	GT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT3	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT4	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT5	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT6	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT7	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT8	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	7	18642	Tennessee Valley Authority	Electric Utility	Johnsonville	TN	3406	GT9	47.1	Natural Gas Fired Combustion Turbine	NG	GT
2025	8	13157	City of Omaha	Commercial	Papillion Creek Wastewater	NE	55027	951	0.5	Other Waste Biomass	OBG	IC
2025	8	13157	City of Omaha	Commercial	Papillion Creek Wastewater	NE	55027	952	0.5	Other Waste Biomass	OBG	IC
2025	8	13157	City of Omaha	Commercial	Papillion Creek Wastewater	NE	55027	953	0.5	Other Waste Biomass	OBG	IC
2025	10	16534	Sacramento Municipal Util Dist	Electric Utility	White Rock/Slab Creek	CA	435	H4	0.5	Conventional Hydroelectric	WAT	HY
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE10	0.8	Landfill Gas	LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE11	0.8	Landfill Gas	LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE12	0.8	Landfill Gas	LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE13	0.8	Landfill Gas	LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GE14	0.8	Landfill Gas	LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN5	0.8	Landfill Gas	LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN6	0.8	Landfill Gas	LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN7	0.8	Landfill Gas	LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN8	0.8	Landfill Gas	LFG	IC
2025	10	17283	Seneca Energy II	IPP	Seneca Energy	NY	54782	GEN9	0.8	Landfill Gas	LFG	IC
2025	12	2138	Brainerd Public Utilities	Electric Utility	Brainerd Public Utilities	MN	50636	4	0.6	Conventional Hydroelectric	WAT	HY
2025	12	65384	Cartier Energy, LLC	Commercial	Hartford Hospital Cogeneration	CT	52061	GEN2	2.4	Natural Gas Fired Combined Cycle	NG	CA
2025	12	65384	Cartier Energy, LLC	Commercial	Hartford Hospital Cogeneration	CT	52061	GEN3	6.2	Natural Gas Fired Combined Cycle	NG	CT
2025	12	3249	Central Hudson Gas & Elec Corp	Electric Utility	Central Hudson High Falls	NY	579	1	3.2	Conventional Hydroelectric	WAT	HY
2025	12	3249	Central Hudson Gas & Elec Corp	Electric Utility	West Coxsackie	NY	2487	GT1	20.2	Natural Gas Fired Combustion Turbine	NG	GT
2025	12	17539	Dominion Energy South Carolina, Inc	Electric Utility	Coit GT	SC	3281	1	14.0	Petroleum Liquids	DFO	GT
2025	12	17539	Dominion Energy South Carolina, Inc	Electric Utility	Coit GT	SC	3281	2	12.0	Petroleum Liquids	DFO	GT
2025	12	5517	Dynegy Midwest Generation Inc	IPP	Baldwin Energy Complex	IL	889	1	576.0	Conventional Steam Coal	SUB	ST
2025	12	5517	Dynegy Midwest Generation Inc	IPP	Baldwin Energy Complex	IL	889	2	581.0	Conventional Steam Coal	SUB	ST
2025	12	13756	Northern Indiana Pub Serv Co	Electric Utility	R M Schahfer	IN	6085	17	361.0	Conventional Steam Coal	BIT	ST
2025	12	13756	Northern Indiana Pub Serv Co	Electric Utility	R M Schahfer	IN	6085	18	361.0	Conventional Steam Coal	BIT	ST
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Angus Anson	SD	7237	1	90.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Angus Anson	SD	7237	2	90.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	1	36.0	Petroleum Liquids	DFO	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	2	36.0	Petroleum Liquids	DFO	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	3	36.0	Petroleum Liquids	DFO	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Blue Lake	MN	8027	4	39.0	Petroleum Liquids	DFO	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Sherburne County	MN	6090	1	680.0	Conventional Steam Coal	SUB	ST
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	1	44.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	2	51.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	3	44.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	4	47.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wheaton	WI	4014	6	48.0	Petroleum Liquids	DFO	GT
2025	12	14610	Orlando Utilities Comm	Electric Utility	Stanton Energy Center	FL	564	1	453.4	Conventional Steam Coal	BIT	ST
2025	12	17470	PUD No 1 of Snohomish County	Electric Utility	MESA 1	WA	60016	A	1.0	Batteries	MWH	BA
2025	12	17470	PUD No 1 of Snohomish County	Electric Utility	MESA 1	WA	60016	B	1.0	Batteries	MWH	BA
2025	12	14328	Pacific Gas & Electric Co.	Electric Utility	Cow Creek	CA	229	1	0.9	Conventional Hydroelectric	WAT	HY
2025	12	14328	Pacific Gas & Electric Co.	Electric Utility	Cow Creek	CA	229	2	0.9	Conventional Hydroelectric	WAT	HY
2025	12	14328	Pacific Gas & Electric Co.	Electric Utility	Kilarc	CA	253	1	1.6	Conventional Hydroelectric	WAT	HY
2025	12	15466	Public Service Co of Colorado	Electric Utility	Comanche (CO)	CO	470	2	335.0	Conventional Steam Coal	SUB	ST
2025	12	17633	Southern Indiana Gas & Elec Co	Electric Utility	F B Culley	IN	1012	2	90.0	Conventional Steam Coal	BIT	ST
2025	12	17698	Southwestern Electric Power Co	Electric Utility	Arsenal Hill	LA	1416	5	110.0	Natural Gas Steam Turbine	NG	ST
2025	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	2	183.0	Natural Gas Steam Turbine	NG	ST
2025	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	2	61.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	3	10.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT8	15.1	Petroleum Liquids	DFO	GT
2025	12	18642	Tennessee Valley Authority	Electric Utility	Allen	TN	3393	GT9	15.1	Petroleum Liquids	DFO	GT
2025	12	19099	TransAlta Centralia Gen LLC	IPP	Transalta Centralia Generation	WA	3845	2	670.0	Conventional Steam Coal	SUB	ST
2025	12	30151	Tri-State G & T Assn, Inc	Electric Utility	Craig (CO)	CO	6021	1	427.0	Conventional Steam Coal	SUB	ST
2025	12	19436	Union Electric Co - (MO)	Electric Utility	Rush Island	MO	6155	1	589.0	Conventional Steam Coal	SUB	ST
2025	12	19436	Union Electric Co - (MO)	Electric Utility	Rush Island	MO	6155	2	589.0	Conventional Steam Coal	SUB	ST
2025	12	20847	Wisconsin Electric Power Co	Electric Utility	South Oak Creek	WI	4041	7	306.5	Conventional Steam Coal	SUB	ST

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2025	12	20847	Wisconsin Electric Power Co	Electric Utility	South Oak Creek	WI	4041	8	309.5	Conventional Steam Coal	SUB	ST
2026	4	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	2	492.5	Conventional Steam Coal	SUB	ST
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	13WT	0.1	Onshore Wind Turbine	WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	14wt	0.1	Onshore Wind Turbine	WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	15WT	0.1	Onshore Wind Turbine	WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	16WT	0.1	Onshore Wind Turbine	WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	17WT	0.1	Onshore Wind Turbine	WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	1WT	0.6	Onshore Wind Turbine	WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	2WT	0.1	Onshore Wind Turbine	WND	WT
2026	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	3WT	0.2	Onshore Wind Turbine	WND	WT
2026	5	57015	Third Taxing District of Norwalk	Electric Utility	Norden 1-3	CT	57689	NORD1	2.0	Petroleum Liquids	DFO	IC
2026	5	57015	Third Taxing District of Norwalk	Electric Utility	Norden 1-3	CT	57689	NORD2	2.0	Petroleum Liquids	DFO	IC
2026	5	57015	Third Taxing District of Norwalk	Electric Utility	Norden 1-3	CT	57689	NORD3	2.0	Petroleum Liquids	DFO	IC
2026	6	14605	City of Peabody - (MA)	Electric Utility	Waters River	MA	1678	1	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	6	11241	Entergy Louisiana LLC	Electric Utility	Little Gypsy	LA	1402	2	412.0	Natural Gas Steam Turbine	NG	ST
2026	6	55937	Entergy Texas Inc.	Electric Utility	Sabine	TX	3459	3	374.9	Natural Gas Steam Turbine	NG	ST
2026	6	55937	Entergy Texas Inc.	Electric Utility	Sabine	TX	3459	4	490.8	Natural Gas Steam Turbine	NG	ST
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT1	9.6	Natural Gas Fired Combustion Turbine	NG	GT
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT2	9.7	Natural Gas Fired Combustion Turbine	NG	GT
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT3	12.1	Natural Gas Fired Combustion Turbine	NG	GT
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT4	5.8	Natural Gas Fired Combustion Turbine	NG	GT
2026	6	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	11wt	0.1	Onshore Wind Turbine	WND	WT
2026	6	13902	NorthWestern Energy (MT Hydro)	Electric Utility	Hauser	MT	2185	HAU3	2.8	Conventional Hydroelectric	WAT	HY
2026	6	20856	Wisconsin Power & Light Co	Electric Utility	Columbia (WI)	WI	8023	1	556.2	Conventional Steam Coal	SUB	ST
2026	6	20856	Wisconsin Power & Light Co	Electric Utility	Columbia (WI)	WI	8023	2	561.8	Conventional Steam Coal	SUB	ST
2026	8	60474	Vanguard Energy Partners, LLC	IPP	Bergenmand Solar Partners, LLC Mahwah	NJ	63200	SA1	0.5	Solar Photovoltaic	SUN	PV
2026	10	60094	Clinton Battery Utility, LLC	IPP	Clinton Battery	OH	60297	1	5.0	Batteries	MWH	BA
2026	10	55937	Entergy Texas Inc.	Electric Utility	Sabine	TX	3459	1	201.1	Natural Gas Steam Turbine	NG	ST
2026	10	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	GT1	17.5	Natural Gas Fired Combustion Turbine	NG	GT
2026	10	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	GT2	17.5	Natural Gas Fired Combustion Turbine	NG	GT
2026	10	21048	Wyandotte Municipal Serv Comm	Electric Utility	Wyandotte	MI	1866	4	10.5	Natural Gas Steam Turbine	NG	ST
2026	10	21048	Wyandotte Municipal Serv Comm	Electric Utility	Wyandotte	MI	1866	7	32.0	Natural Gas Steam Turbine	NG	ST
2026	11	60538	Vitro Architectural Glass	Industrial	Works 4	TX	54364	L2G	2.0	Petroleum Liquids	DFO	IC
2026	12	22148	AES Alamitos LLC	IPP	AES Alamitos LLC	CA	315	3	332.0	Natural Gas Steam Turbine	NG	ST
2026	12	22148	AES Alamitos LLC	IPP	AES Alamitos LLC	CA	315	4	335.0	Natural Gas Steam Turbine	NG	ST
2026	12	22148	AES Alamitos LLC	IPP	AES Alamitos LLC	CA	315	5	485.0	Natural Gas Steam Turbine	NG	ST
2026	12	23693	AES Huntington Beach LLC	IPP	AES Huntington Beach LLC	CA	335	2	225.8	Natural Gas Steam Turbine	NG	ST
2026	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	6	45.0	Natural Gas Steam Turbine	NG	ST
2026	12	9332	Indian River Operations Inc	IPP	Indian River Generating Station	DE	594	4	410.0	Conventional Steam Coal	BIT	ST
2026	12	61944	MN8 Energy LLC	IPP	L'Oreal Piscataway	NJ	57868	UNIT1	0.5	Solar Photovoltaic	SUN	PV
2026	12	61944	MN8 Energy LLC	IPP	L'Oreal Piscataway	NJ	57868	UNIT2	0.3	Solar Photovoltaic	SUN	PV
2026	12	61944	MN8 Energy LLC	IPP	L'Oreal Piscataway	NJ	57868	UNIT3	0.3	Solar Photovoltaic	SUN	PV
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	1	47.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	2	47.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	3	47.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	4	47.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	5	47.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	6	47.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	7	1.8	Petroleum Liquids	DFO	GT
2026	12	13781	Northern States Power Co - Minnesota	Electric Utility	Inver Hills	MN	1913	8	1.8	Petroleum Liquids	DFO	GT
2026	12	14127	Omaha Public Power District	Electric Utility	North Omaha	NE	2291	1	63.0	Natural Gas Steam Turbine	NG	ST
2026	12	14127	Omaha Public Power District	Electric Utility	North Omaha	NE	2291	2	83.4	Natural Gas Steam Turbine	NG	ST
2026	12	14127	Omaha Public Power District	Electric Utility	North Omaha	NE	2291	3	92.5	Natural Gas Steam Turbine	NG	ST
2026	12	15466	Public Service Co of Colorado	Electric Utility	Alamosa	CO	464	CT1	13.0	Petroleum Liquids	DFO	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Alamosa	CO	464	CT2	14.0	Petroleum Liquids	DFO	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Fort Lupton	CO	8067	1	44.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Fort Lupton	CO	8067	2	44.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Fruita	CO	471	1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Valmont	CO	477	6	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	18642	Tennessee Valley Authority	Electric Utility	Cumberland (TN)	TN	3399	2	1,231.0	Conventional Steam Coal	BIT	ST
2026	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	7	174.0	Conventional Steam Coal	SUB	ST
2026	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	8	174.0	Conventional Steam Coal	SUB	ST
2026	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	9	174.0	Conventional Steam Coal	SUB	ST

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2027	1	3476	DTE San Diego COGEN Inc.	Commercial	Childrens Hospital	CA	10175	0799	2.0	Petroleum Liquids	DFO	IC
2027	1	63844	Ellwood Power, LLC	IPP	Ellwood	CA	8076	01	54.0	Natural Gas Fired Combustion Turbine	NG	GT
2027	1	63843	Ormond Beach Power, LLC	IPP	Ormond Beach	CA	350	1	741.0	Natural Gas Steam Turbine	NG	ST
2027	1	63843	Ormond Beach Power, LLC	IPP	Ormond Beach	CA	350	2	750.0	Natural Gas Steam Turbine	NG	ST
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	HH	0.5	Solar Photovoltaic	SUN	PV
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	HII	0.4	Solar Photovoltaic	SUN	PV
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	HJC	0.2	Solar Photovoltaic	SUN	PV
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	UNIT1	2.7	Solar Photovoltaic	SUN	PV
2027	3	16604	City of San Antonio - (TX)	Electric Utility	O W Sommers	TX	3611	1	420.0	Natural Gas Steam Turbine	NG	ST
2027	3	60538	Vitro Architectural Glass	Industrial	Works 4	TX	54364	L1G	2.0	Petroleum Liquids	DFO	IC
2027	4	5695	Desert Star Energy Center SDG&E	Electric Utility	Desert Star Energy Center	NV	55077	ED01	140.0	Natural Gas Fired Combined Cycle	NG	CT
2027	4	5695	Desert Star Energy Center SDG&E	Electric Utility	Desert Star Energy Center	NV	55077	ED02	140.0	Natural Gas Fired Combined Cycle	NG	CT
2027	4	5695	Desert Star Energy Center SDG&E	Electric Utility	Desert Star Energy Center	NV	55077	ED03	170.0	Natural Gas Fired Combined Cycle	NG	CA
2027	6	65159	BT Generation Holdings, LLC	IPP	Tanner Street Generation	MA	54586	TRENT	58.0	Natural Gas Fired Combined Cycle	NG	CT
2027	6	65159	BT Generation Holdings, LLC	IPP	Tanner Street Generation	MA	54586	VAX	17.0	Natural Gas Fired Combined Cycle	NG	CA
2027	6	16612	City & County of San Francisco	Commercial	SF Southeast Cogen Plant	CA	57971	COGEN	2.1	Other Waste Biomass	OBG	IC
2027	6	814	Entergy Arkansas LLC	Electric Utility	Lake Catherine	AR	170	4	522.0	Natural Gas Steam Turbine	NG	ST
2027	6	11249	Louisville Gas & Electric Co	Electric Utility	Mill Creek (KY)	KY	1364	2	297.0	Conventional Steam Coal	BIT	ST
2027	6	64726	Rivers Electric, LLC	IPP	Mill Pond Hydro	NY	65399	U2	0.5	Conventional Hydroelectric	WAT	HY
2027	7	59918	Dynegy Kincaid Generation	IPP	Kincaid Generation LLC	IL	876	1	556.0	Conventional Steam Coal	SUB	ST
2027	7	59918	Dynegy Kincaid Generation	IPP	Kincaid Generation LLC	IL	876	2	556.0	Conventional Steam Coal	SUB	ST
2027	8	61364	Lockheed Martin RMS Syracuse	Industrial	Lockheed Martin RMS Syracuse	NY	61739	SYR1	1.0	Batteries	MWH	BA
2027	9	66075	Old Gold Energy Center, LLC	IPP	Old Gold Energy Center, LLC	IA	55804	NM	80.0	Onshore Wind Turbine	WND	WT
2027	12	56570	Coleto Creek Power LP	IPP	Coleto Creek	TX	6178	1	655.0	Conventional Steam Coal	SUB	ST
2027	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	1	73.0	Natural Gas Steam Turbine	NG	ST
2027	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	2	73.0	Natural Gas Steam Turbine	NG	ST
2027	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	7	46.0	Natural Gas Steam Turbine	NG	ST
2027	12	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	1	76.0	Natural Gas Steam Turbine	NG	ST
2027	12	520	Illinois Power Generating Co	IPP	Newton	IL	6017	1	595.0	Conventional Steam Coal	SUB	ST
2027	12	59919	Luminant Miami Fort	IPP	Miami Fort	OH	2832	7	510.0	Conventional Steam Coal	BIT	ST
2027	12	59919	Luminant Miami Fort	IPP	Miami Fort	OH	2832	8	510.0	Conventional Steam Coal	BIT	ST
2027	12	12686	Mississippi Power Co	Electric Utility	Victor J Daniel Jr	MS	6073	1	502.0	Conventional Steam Coal	SUB	ST
2027	12	12686	Mississippi Power Co	Electric Utility	Victor J Daniel Jr	MS	6073	2	502.0	Conventional Steam Coal	SUB	ST
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	1	9.0	Municipal Solid Waste	MSW	ST
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Red Wing	MN	1926	2	9.0	Municipal Solid Waste	MSW	ST
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	1	1.8	Conventional Hydroelectric	WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	2	1.8	Conventional Hydroelectric	WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	3	1.9	Conventional Hydroelectric	WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	4	1.9	Conventional Hydroelectric	WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	5	2.0	Conventional Hydroelectric	WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	6	1.9	Conventional Hydroelectric	WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	7	2.0	Conventional Hydroelectric	WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	8	1.9	Conventional Hydroelectric	WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	1	9.0	Municipal Solid Waste	MSW	ST
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Wilmarth	MN	1934	2	9.0	Municipal Solid Waste	MSW	ST
2027	12	14354	PacifiCorp	Electric Utility	Dave Johnston	WY	4158	1	93.0	Conventional Steam Coal	SUB	ST
2027	12	14354	PacifiCorp	Electric Utility	Dave Johnston	WY	4158	2	102.0	Conventional Steam Coal	SUB	ST
2027	12	14354	PacifiCorp	Electric Utility	Dave Johnston	WY	4158	3	220.0	Conventional Steam Coal	SUB	ST
2027	12	14354	PacifiCorp	Electric Utility	Dave Johnston	WY	4158	4	330.0	Conventional Steam Coal	SUB	ST
2027	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	4	310.0	Natural Gas Steam Turbine	NG	ST
2027	12	15466	Public Service Co of Colorado	Electric Utility	Hayden	CO	525	2	262.0	Conventional Steam Coal	BIT	ST
2027	12	15466	Public Service Co of Colorado	Electric Utility	Salida	CO	474	2	0.6	Conventional Hydroelectric	WAT	HY
2027	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	2	106.0	Natural Gas Steam Turbine	NG	ST
2027	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	4	190.0	Natural Gas Steam Turbine	NG	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	1	132.0	Conventional Steam Coal	SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	2	132.0	Conventional Steam Coal	SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	3	132.0	Conventional Steam Coal	SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	4	132.0	Conventional Steam Coal	SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	5	174.0	Conventional Steam Coal	SUB	ST
2027	12	18642	Tennessee Valley Authority	Electric Utility	Kingston	TN	3407	6	174.0	Conventional Steam Coal	SUB	ST
2027	12	24211	Tucson Electric Power Co	Electric Utility	Springerville	AZ	8223	1	381.0	Conventional Steam Coal	SUB	ST
2028	1	56997	Marina Energy LLC	IPP	Freeze Solar	NJ	60759	PV1	1.5	Solar Photovoltaic	SUN	PV
2028	1	13781	Northern States Power Co - Minnesota	Electric Utility	Allen S King	MN	1915	1	511.0	Conventional Steam Coal	SUB	ST

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2028	1	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	1	500.0	Conventional Steam Coal	SUB	ST
2028	1	17698	Southwestern Electric Power Co	Electric Utility	Welsh	TX	6139	3	500.0	Conventional Steam Coal	SUB	ST
2028	1	19876	Virginia Electric & Power Co	Electric Utility	Altavista Power Station	VA	10773	1	51.0	Wood/Wood Waste Biomass	WDS	ST
2028	1	19876	Virginia Electric & Power Co	Electric Utility	Hopewell Power Station	VA	10771	1	51.0	Wood/Wood Waste Biomass	WDS	ST
2028	1	19876	Virginia Electric & Power Co	Electric Utility	Southampton Power Station	VA	10774	1	51.0	Wood/Wood Waste Biomass	WDS	ST
2028	5	56997	Marina Energy LLC	IPP	Heller 400M	NJ	62438	A	0.8	Solar Photovoltaic	SUN	PV
2028	5	56997	Marina Energy LLC	IPP	Heller 400M	NJ	62438	B	0.2	Solar Photovoltaic	SUN	PV
2028	5	56997	Marina Energy LLC	IPP	Heller 400M	NJ	62438	C	0.2	Solar Photovoltaic	SUN	PV
2028	5	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	HM	0.8	Solar Photovoltaic	SUN	PV
2028	5	13756	Northern Indiana Pub Serv Co	Electric Utility	Michigan City	IN	997	12	455.0	Conventional Steam Coal	SUB	ST
2028	6	11241	Entergy Louisiana LLC	Electric Utility	Waterford 1 & 2	LA	8056	2	416.8	Natural Gas Steam Turbine	NG	ST
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	1	2.0	Petroleum Liquids	DFO	IC
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	2	2.0	Petroleum Liquids	DFO	IC
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Brunswick	NV	6510	3	2.0	Petroleum Liquids	DFO	IC
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	1	113.0	Natural Gas Steam Turbine	NG	ST
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	2	113.0	Natural Gas Steam Turbine	NG	ST
2028	9	30151	Tri-State G & T Assn, Inc	Electric Utility	Craig (CO)	CO	6021	2	410.0	Conventional Steam Coal	SUB	ST
2028	11	56898	Sunnyvale City of WPCP	Electric Utility	Sunnyvale City of WPCP	CA	57557	S-14	0.8	Natural Gas Internal Combustion Engine	NG	IC
2028	12	61412	Cardinal Operating Company	IPP	Cardinal	OH	2828	3	620.0	Conventional Steam Coal	BIT	ST
2028	12	16604	City of San Antonio - (TX)	Electric Utility	J K Spruce	TX	7097	1	560.0	Conventional Steam Coal	SUB	ST
2028	12	5109	DTE Electric Company	Electric Utility	Belle River	MI	6034	ST1	635.0	Conventional Steam Coal	SUB	ST
2028	12	5109	DTE Electric Company	Electric Utility	Belle River	MI	6034	ST2	635.0	Conventional Steam Coal	SUB	ST
2028	12	5109	DTE Electric Company	Electric Utility	Monroe (MI)	MI	1733	3	773.0	Conventional Steam Coal	SUB	ST
2028	12	5109	DTE Electric Company	Electric Utility	Monroe (MI)	MI	1733	4	762.0	Conventional Steam Coal	SUB	ST
2028	12	9324	Indiana Michigan Power Co	Electric Utility	Rockport	IN	6166	1	1,300.0	Conventional Steam Coal	SUB	ST
2028	12	9324	Indiana Michigan Power Co	Electric Utility	Rockport	IN	6166	2	1,300.0	Conventional Steam Coal	SUB	ST
2028	12	61944	MN8 Energy LLC	IPP	ACCC Mays Landing	NJ	60802	PV1	1.4	Solar Photovoltaic	SUN	PV
2028	12	61944	MN8 Energy LLC	IPP	IFF Hazlet	NJ	60709	GRND	3.0	Solar Photovoltaic	SUN	PV
2028	12	11843	Maui Electric Co Ltd	Electric Utility	Kahului	HI	6056	1	4.7	Petroleum Liquids	RFO	ST
2028	12	11843	Maui Electric Co Ltd	Electric Utility	Kahului	HI	6056	2	4.8	Petroleum Liquids	RFO	ST
2028	12	11843	Maui Electric Co Ltd	Electric Utility	Kahului	HI	6056	3	11.0	Petroleum Liquids	RFO	ST
2028	12	11843	Maui Electric Co Ltd	Electric Utility	Kahului	HI	6056	4	11.9	Petroleum Liquids	RFO	ST
2028	12	15466	Public Service Co of Colorado	Electric Utility	Hayden	CO	525	1	179.0	Conventional Steam Coal	BIT	ST
2028	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	1	112.0	Natural Gas Steam Turbine	NG	ST
2028	12	17718	Southwestern Public Service Co	Electric Utility	Tolk	TX	6194	1	532.0	Conventional Steam Coal	SUB	ST
2028	12	17718	Southwestern Public Service Co	Electric Utility	Tolk	TX	6194	2	535.0	Conventional Steam Coal	SUB	ST
2028	12	18642	Tennessee Valley Authority	Electric Utility	Cumberland (TN)	TN	3399	1	1,239.0	Conventional Steam Coal	BIT	ST
2028	12	19436	Union Electric Co - (MO)	Electric Utility	Sioux	MO	2107	1	487.0	Conventional Steam Coal	SUB	ST
2028	12	19436	Union Electric Co - (MO)	Electric Utility	Sioux	MO	2107	2	487.0	Conventional Steam Coal	SUB	ST
2029	3	16604	City of San Antonio - (TX)	Electric Utility	O W Sommers	TX	3611	2	410.0	Natural Gas Steam Turbine	NG	ST
2029	6	65384	Cartier Energy, LLC	Commercial	Hartford Hospital Cogeneration	CT	52061	GEN4	1.4	Other Natural Gas	NG	FC
2029	6	11241	Entergy Louisiana LLC	Electric Utility	Little Gypsy	LA	1402	3	496.1	Natural Gas Steam Turbine	NG	ST
2029	9	10875	Lee County Board-Commissioners	IPP	Lee County Solid Waste Energy	FL	52010	GEN1	39.0	Municipal Solid Waste	MSW	ST
2029	12	3989	City of Colorado Springs - (CO)	Electric Utility	Ray D Nixon	CO	8219	1	208.0	Conventional Steam Coal	SUB	ST
2029	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	1	105.0	Natural Gas Steam Turbine	NG	ST
2029	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	2	156.3	Natural Gas Steam Turbine	NG	ST
2029	12	14354	PacifiCorp	Electric Utility	Naughton	WY	4162	3	247.0	Natural Gas Steam Turbine	NG	ST
2029	12	15143	Platte River Power Authority	Electric Utility	Rawhide	CO	6761	1	280.0	Conventional Steam Coal	SUB	ST
2029	12	30151	Tri-State G & T Assn, Inc	Electric Utility	Craig (CO)	CO	6021	3	448.0	Conventional Steam Coal	SUB	ST
2030	1	15474	Public Service Co of Oklahoma	Electric Utility	Weleetka	OK	2966	4	55.0	Natural Gas Fired Combustion Turbine	NG	GT
2030	1	15474	Public Service Co of Oklahoma	Electric Utility	Weleetka	OK	2966	5	53.0	Natural Gas Fired Combustion Turbine	NG	GT
2030	5	8973	Town of Hudson - (MA)	Electric Utility	Cherry Street	MA	9038	10	1.9	Natural Gas Internal Combustion Engine	NG	IC
2030	5	8973	Town of Hudson - (MA)	Electric Utility	Cherry Street	MA	9038	11	1.9	Natural Gas Internal Combustion Engine	NG	IC
2030	6	327	Air Liquide Large Industries U S LP	Industrial	Geismar Cogen	LA	56787	GTG	72.5	Natural Gas Fired Combustion Turbine	NG	GT
2030	6	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	1	9.0	Wood/Wood Waste Biomass	WDS	ST
2030	6	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	2	7.0	Wood/Wood Waste Biomass	WDS	ST
2030	6	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	3	61.0	Petroleum Liquids	DFO	GT
2030	6	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	4	58.0	Petroleum Liquids	DFO	GT
2030	6	16732	San Jose State University Fclts Dev &Ops	Commercial	San Jose Cogeneration	CA	10548	GEN1	5.6	Natural Gas Fired Combustion Turbine	NG	GT
2030	10	6013	Eugene Water & Electric Board	Electric Utility	Carmen Smith	OR	3067	3	3.8	Conventional Hydroelectric	WAT	HY
2030	10	13365	Nevada Cogeneration Assoc # 2	Electric CHP	Nevada Cogen Associates 2 Black Mountain	NV	54349	GTA	21.7	Natural Gas Fired Combined Cycle	NG	CT
2030	10	13365	Nevada Cogeneration Assoc # 2	Electric CHP	Nevada Cogen Associates 2 Black Mountain	NV	54349	GTB	21.7	Natural Gas Fired Combined Cycle	NG	CT
2030	10	13365	Nevada Cogeneration Assoc # 2	Electric CHP	Nevada Cogen Associates 2 Black Mountain	NV	54349	GTC	21.7	Natural Gas Fired Combined Cycle	NG	CT

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2030	10	13365	Nevada Cogeneration Assoc # 2	Electric CHP	Nevada Cogen Associates 2 Black Mountain	NV	54349	STM	28.0	Natural Gas Fired Combined Cycle	NG	CA
2030	12	5701	El Paso Electric Co	Electric Utility	Copper	TX	9	1	63.0	Natural Gas Fired Combustion Turbine	NG	GT
2030	12	12698	Evergy Missouri West	Electric Utility	Lake Road (MO)	MO	2098	4	94.6	Natural Gas Steam Turbine	NG	ST
2030	12	17543	South Carolina Public Service Authority	Electric Utility	Winyah	SC	6249	1	275.0	Conventional Steam Coal	BIT	ST
2030	12	17543	South Carolina Public Service Authority	Electric Utility	Winyah	SC	6249	2	285.0	Conventional Steam Coal	BIT	ST
2030	12	17543	South Carolina Public Service Authority	Electric Utility	Winyah	SC	6249	3	285.0	Conventional Steam Coal	BIT	ST
2030	12	17543	South Carolina Public Service Authority	Electric Utility	Winyah	SC	6249	4	285.0	Conventional Steam Coal	BIT	ST
2030	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	3	244.0	Natural Gas Steam Turbine	NG	ST
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL00	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL01	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL02	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL03	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL04	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL05	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL06	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL07	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL08	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL09	0.1	Other Natural Gas	NG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL10	0.1	Other Natural Gas	NG	FC
2031	6	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	6(4)	731.9	Natural Gas Steam Turbine	NG	ST
2031	8	61944	MN8 Energy LLC	IPP	L'Oreal Piscataway	NJ	57868	UNIT4	0.7	Solar Photovoltaic	SUN	PV
2031	12	803	Arizona Public Service Co	Electric Utility	Four Corners	NM	2442	4	770.0	Conventional Steam Coal	BIT	ST
2031	12	803	Arizona Public Service Co	Electric Utility	Four Corners	NM	2442	5	770.0	Conventional Steam Coal	BIT	ST
2031	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	90.0	Natural Gas Steam Turbine	NG	ST
2031	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	4	86.0	Natural Gas Fired Combined Cycle	NG	CA
2031	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT1	67.0	Natural Gas Fired Combined Cycle	NG	CT
2031	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT2	67.0	Natural Gas Fired Combined Cycle	NG	CT
2031	12	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	2	232.0	Natural Gas Steam Turbine	NG	ST
2031	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	2	117.0	Natural Gas Fired Combined Cycle	NG	CA
2031	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	5	165.0	Natural Gas Fired Combined Cycle	NG	CT
2031	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	1	243.0	Natural Gas Steam Turbine	NG	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	1	225.0	Conventional Steam Coal	BIT	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	2	225.0	Conventional Steam Coal	SUB	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	3	263.0	Conventional Steam Coal	SUB	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	4	263.0	Conventional Steam Coal	SUB	ST
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT1	71.5	Natural Gas Fired Combustion Turbine	NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT2	71.5	Natural Gas Fired Combustion Turbine	NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT3	71.5	Natural Gas Fired Combustion Turbine	NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT4	71.5	Natural Gas Fired Combustion Turbine	NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT5	73.4	Natural Gas Fired Combustion Turbine	NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT6	73.4	Natural Gas Fired Combustion Turbine	NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT7	73.4	Natural Gas Fired Combustion Turbine	NG	GT
2031	12	18642	Tennessee Valley Authority	Electric Utility	Gallatin (TN)	TN	3403	GT8	73.4	Natural Gas Fired Combustion Turbine	NG	GT
2032	8	64400	Flower Valley	IPP	Flower Valley I	TX	64915	FLRV1	9.9	Batteries	MWH	BA
2032	12	5109	DTE Electric Company	Electric Utility	Monroe (MI)	MI	1733	1	758.0	Conventional Steam Coal	SUB	ST
2032	12	5109	DTE Electric Company	Electric Utility	Monroe (MI)	MI	1733	2	773.0	Conventional Steam Coal	SUB	ST
2032	12	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTA	20.5	Natural Gas Fired Combined Cycle	NG	CT
2032	12	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTB	20.5	Natural Gas Fired Combined Cycle	NG	CT
2032	12	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTC	20.5	Natural Gas Fired Combined Cycle	NG	CT
2032	12	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	STM	24.0	Natural Gas Fired Combined Cycle	NG	CA
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	1	64.0	Natural Gas Steam Turbine	NG	ST
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	2	69.0	Natural Gas Steam Turbine	NG	ST
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	3	104.5	Natural Gas Steam Turbine	NG	ST
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	4	39.6	Natural Gas Fired Combustion Turbine	NG	GT
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	5	39.6	Natural Gas Fired Combustion Turbine	NG	GT
2032	12	14354	PacifiCorp	Electric Utility	Gadsby	UT	3648	6	36.9	Natural Gas Fired Combustion Turbine	NG	GT
2032	12	16553	Saguaro Power Co	Electric CHP	Saguaro Power	NV	54271	CTG1	36.0	Natural Gas Fired Combined Cycle	NG	CT
2032	12	16553	Saguaro Power Co	Electric CHP	Saguaro Power	NV	54271	CTG2	36.0	Natural Gas Fired Combined Cycle	NG	CT
2032	12	16553	Saguaro Power Co	Electric CHP	Saguaro Power	NV	54271	STG	29.0	Natural Gas Fired Combined Cycle	NG	CA
2032	12	16572	Salt River Project	Electric Utility	Coronado	AZ	6177	CO1	380.0	Conventional Steam Coal	SUB	ST
2032	12	16572	Salt River Project	Electric Utility	Coronado	AZ	6177	CO2	382.0	Conventional Steam Coal	SUB	ST
2032	12	24211	Tucson Electric Power Co	Electric Utility	Springerville	AZ	8223	2	406.0	Conventional Steam Coal	SUB	ST
2033	6	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	5	721.5	Natural Gas Steam Turbine	NG	ST

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

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2033	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	8	139.0	Natural Gas Steam Turbine	NG	ST
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Hilton Head	SC	3318	1	16.0	Petroleum Liquids	DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Hilton Head	SC	3318	2	16.0	Petroleum Liquids	DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Hilton Head	SC	3318	3	52.0	Petroleum Liquids	DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Myrtle Beach	SC	3320	1	8.0	Petroleum Liquids	DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Myrtle Beach	SC	3320	2	8.0	Petroleum Liquids	DFO	GT
2033	12	17543	South Carolina Public Service Authority	Electric Utility	Myrtle Beach	SC	3320	3	19.0	Petroleum Liquids	DFO	GT
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	1	134.0	Conventional Steam Coal	SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	2	134.0	Conventional Steam Coal	SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	4	134.0	Conventional Steam Coal	SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	5	134.0	Conventional Steam Coal	SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	6	134.0	Conventional Steam Coal	SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	7	134.0	Conventional Steam Coal	SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	8	134.0	Conventional Steam Coal	SUB	ST
2033	12	18642	Tennessee Valley Authority	Electric Utility	Shawnee	KY	1379	9	134.0	Conventional Steam Coal	SUB	ST
2034	6	55937	Entergy Texas Inc.	Electric Utility	Lewis Creek	TX	3457	1	250.0	Natural Gas Steam Turbine	NG	ST
2034	6	55937	Entergy Texas Inc.	Electric Utility	Lewis Creek	TX	3457	2	249.7	Natural Gas Steam Turbine	NG	ST
2034	12	5416	Duke Energy Carolinas, LLC	Electric Utility	Marshall (NC)	NC	2727	1	370.0	Natural Gas Steam Turbine	NG	ST
2034	12	5416	Duke Energy Carolinas, LLC	Electric Utility	Marshall (NC)	NC	2727	2	370.0	Conventional Steam Coal	BIT	ST
2034	12	13781	Northern States Power Co - Minnesota	Electric Utility	Sherburne County	MN	6090	3	876.0	Conventional Steam Coal	SUB	ST
2034	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	2	243.0	Natural Gas Steam Turbine	NG	ST
2034	12	17718	Southwestern Public Service Co	Electric Utility	Quay County	NM	58125	1	17.0	Petroleum Liquids	DFO	GT
2035	6	12685	Entergy Mississippi LLC	Electric Utility	Gerald Andrus	MS	8054	1	706.5	Natural Gas Steam Turbine	NG	ST
2035	7	59711	Bakersfield 111 LLC	IPP	Bakersfield 111	CA	59948	BF111	1.4	Solar Photovoltaic	SUN	PV
2035	7	56742	Notus Clean Energy LLC	IPP	Notus Wind 1	MA	57414	1	1.7	Onshore Wind Turbine	WND	WT
2035	12	20169	Avista Corp	Electric Utility	Northeast (WA)	WA	6210	1	45.0	Natural Gas Fired Combustion Turbine	NG	GT
2035	12	59474	BQ Energy LLC	IPP	Mount Kisco Landfill Solar & Storage CSG	NY	63774	KISCB	0.5	Batteries	MWH	BA
2035	12	5860	Empire District Electric Co	Electric Utility	Empire Energy Center	MO	6223	1	80.0	Natural Gas Fired Combustion Turbine	NG	GT
2035	12	5860	Empire District Electric Co	Electric Utility	Empire Energy Center	MO	6223	2	82.0	Natural Gas Fired Combustion Turbine	NG	GT
2036	12	14354	PacifiCorp	Electric Utility	Huntington	UT	8069	1	459.0	Conventional Steam Coal	BIT	ST
2036	12	14354	PacifiCorp	Electric Utility	Huntington	UT	8069	2	450.0	Conventional Steam Coal	BIT	ST
2036	12	17718	Southwestern Public Service Co	Electric Utility	Harrington	TX	6193	1	339.0	Conventional Steam Coal	SUB	ST
2037	12	14354	PacifiCorp	Electric Utility	Jim Bridger	WY	8066	1	531.0	Natural Gas Steam Turbine	NG	ST
2037	12	14354	PacifiCorp	Electric Utility	Jim Bridger	WY	8066	2	539.0	Natural Gas Steam Turbine	NG	ST
2037	12	14354	PacifiCorp	Electric Utility	Jim Bridger	WY	8066	3	523.0	Conventional Steam Coal	SUB	ST
2037	12	14354	PacifiCorp	Electric Utility	Jim Bridger	WY	8066	4	526.0	Conventional Steam Coal	SUB	ST
2038	12	17718	Southwestern Public Service Co	Electric Utility	Harrington	TX	6193	2	339.0	Conventional Steam Coal	SUB	ST
2039	10	65384	Cartier Energy, LLC	Commercial	HSCo CHP	CT	57179	1	3.5	Natural Gas Fired Combustion Turbine	NG	GT
2039	12	14354	PacifiCorp	Electric Utility	Wyodak	WY	6101	1	332.0	Conventional Steam Coal	SUB	ST
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV1	0.1	Solar Photovoltaic	SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV2	0.1	Solar Photovoltaic	SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV3	0.1	Solar Photovoltaic	SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV4	0.1	Solar Photovoltaic	SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV5	0.1	Solar Photovoltaic	SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV6	0.1	Solar Photovoltaic	SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV7	0.1	Solar Photovoltaic	SUN	PV
2040	7	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	PV8	0.1	Solar Photovoltaic	SUN	PV
2040	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	3	106.0	Natural Gas Fired Combustion Turbine	NG	GT
2040	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	4	103.0	Natural Gas Fired Combustion Turbine	NG	GT
2040	12	17718	Southwestern Public Service Co	Electric Utility	Harrington	TX	6193	3	340.0	Conventional Steam Coal	SUB	ST
2041	4	63424	Silverstrand Grid, LLC	IPP	Silverstrand Grid Energy Storage System	CA	63735	SLV01	11.0	Batteries	MWH	BA
2042	6	63723	Ignacio Grid, LLC	IPP	Ignacio Grid Energy Storage System	TX	64089	IGN01	100.0	Batteries	MWH	BA
2042	6	63451	Madero Grid, LLC	IPP	Madero Grid	TX	63757	MAD01	100.0	Batteries	MWH	BA
2043	12	57170	EDF Renewable Asset Holdings, Inc.	IPP	Copenhagen Wind Farm	NY	58979	CPHGN	79.9	Onshore Wind Turbine	WND	WT
2043	12	14354	PacifiCorp	Electric Utility	Chehalis Generating Facility	WA	55662	CA	157.0	Natural Gas Fired Combined Cycle	NG	CA
2043	12	14354	PacifiCorp	Electric Utility	Chehalis Generating Facility	WA	55662	CT1	160.0	Natural Gas Fired Combined Cycle	NG	CT
2043	12	14354	PacifiCorp	Electric Utility	Chehalis Generating Facility	WA	55662	CT2	160.0	Natural Gas Fired Combined Cycle	NG	CT
2044	12	13781	Northern States Power Co - Minnesota	Electric Utility	Apple River	WI	6231	1	0.4	Conventional Hydroelectric	WAT	HY
2044	12	13781	Northern States Power Co - Minnesota	Electric Utility	Apple River	WI	6231	3	0.5	Conventional Hydroelectric	WAT	HY
2044	12	13781	Northern States Power Co - Minnesota	Electric Utility	Apple River	WI	6231	4	0.5	Conventional Hydroelectric	WAT	HY
2045	12	62915	Madison Energy Holdings LLC	IPP	ESCA-LL-COLTON, LLC	CA	64270	COLT1	2.6	Solar Photovoltaic	SUN	PV
2047	7	60455	PVN Milliken, LLC	IPP	PVN Milliken, LLC	CA	60790	PV	3.0	Solar Photovoltaic	SUN	PV
2049	4	61612	Panda Solar NC 1, LLC	IPP	Panda Solar NC 1, LLC	NC	62089	20002	1.0	Solar Photovoltaic	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
2049	4	61655	Panda Solar NC 2, LLC	IPP	Panda Solar NC 2, LLC	NC	62120	20003	2.0	Solar Photovoltaic	SUN	PV
2049	6	61663	Panda Solar NC 10, LLC	IPP	Panda Solar NC 10, LLC	NC	62128	20031	2.0	Solar Photovoltaic	SUN	PV
2049	6	61664	Panda Solar NC 11, LLC	IPP	Panda Solar NC 11, LLC	NC	62129	20032	2.0	Solar Photovoltaic	SUN	PV
2049	6	61656	Panda Solar NC 3, LLC	IPP	Panda Solar NC 3, LLC	NC	62121	20011	2.0	Solar Photovoltaic	SUN	PV
2049	6	61658	Panda Solar NC 5, LLC	IPP	Panda Solar NC 5, LLC	NC	62123	20007	1.0	Solar Photovoltaic	SUN	PV
2049	6	61660	Panda Solar NC 6, LLC	IPP	Panda Solar NC 6, LLC	NC	62124	20028	1.0	Solar Photovoltaic	SUN	PV
2049	6	61662	Panda Solar NC 9, LLC	IPP	Panda Solar NC 9, LLC	NC	62127	20022	2.0	Solar Photovoltaic	SUN	PV
2049	9	61661	Panda Solar NC 8, LLC	IPP	Panda Solar NC 8, LLC	NC	62126	20052	2.0	Solar Photovoltaic	SUN	PV
2052	1	64390	Brighter Future Solar LLC	IPP	Brighter Future Solar	NC	64910	BFSNC	11.0	Solar Photovoltaic	SUN	PV
2056	11	64170	Camden Solar LLC	IPP	Camden Solar LLC	NC	64535	KOV4A	20.0	Solar Photovoltaic	SUN	PV
2056	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	3	166.0	Natural Gas Fired Combustion Turbine	NG	GT
2057	4	64393	Tulare Solar Center, LLC	IPP	Luciana	CA	64909	TSC	55.8	Solar Photovoltaic	SUN	PV
2057	12	59474	BQ Energy LLC	IPP	West Valley East	NY	62738	WVE	5.0	Solar Photovoltaic	SUN	PV
2057	12	59474	BQ Energy LLC	IPP	West Valley West	NY	62737	WVW	5.0	Solar Photovoltaic	SUN	PV
2058	12	13781	Northern States Power Co - Minnesota	Electric Utility	Black Dog	MN	1904	6-1	212.0	Natural Gas Fired Combustion Turbine	NG	GT
2058	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	4	168.0	Natural Gas Fired Combustion Turbine	NG	GT
2061	1	63631	Capital V LLC	IPP	Hertford Solar Power, LLC	NC	63024	KEH	10.0	Solar Photovoltaic	SUN	PV
2063	12	62836	Navisun LLC	IPP	Acushnet MA 1	MA	64706	ACNT1	1.0	Solar Photovoltaic	SUN	PV
2064	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	1	0.5	Conventional Hydroelectric	WAT	HY
2064	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	2	0.5	Conventional Hydroelectric	WAT	HY
2064	12	13781	Northern States Power Co - Minnesota	Electric Utility	Superior Falls	MI	1757	1	0.5	Conventional Hydroelectric	WAT	HY
2064	12	13781	Northern States Power Co - Minnesota	Electric Utility	Superior Falls	MI	1757	2	0.5	Conventional Hydroelectric	WAT	HY
2072	8	10875	Lee County Board-Commissioners	IPP	Lee County Solid Waste Energy	FL	52010	GEN2	16.0	Municipal Solid Waste	MSW	ST

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					
			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)	Capacity Factor
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	182,767.5	42.4%	291,134.7	59.7%	130,736.5	12.9%	76,908.1	17.4%	5,802.9	20.1%	8,743.2	10.1%	14,386.8	1.3%	5,418.9	1.8%
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	8.2%	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	20.1%	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	18.5%	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	13.8%	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	10.2%	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	11.2%	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	186,822.6	44.6%	287,456.6	57.4%	130,416.1	9.3%	78,868.8	9.6%	5,738.6	18.7%	8,743.2	9.1%	14,494.8	1.0%	5,428.8	1.9%
February	186,812.0	37.3%	287,688.6	57.1%	130,416.1	9.2%	78,868.8	10.3%	5,742.7	18.0%	8,743.2	11.7%	14,494.8	1.4%	5,426.8	1.8%
March	186,007.1	36.2%	288,941.6	53.6%	130,356.1	10.5%	78,303.3	11.5%	5,744.2	19.5%	8,743.2	8.9%	14,494.8	1.1%	5,422.2	1.8%
April	186,007.1	30.6%	289,463.1	47.9%	130,356.1	11.2%	77,868.3	13.4%	5,746.9	16.2%	8,743.2	8.4%	14,494.8	1.2%	5,422.2	2.0%
May	184,515.1	32.6%	291,190.1	53.0%	130,248.2	12.4%	77,038.3	15.4%	5,745.0	16.0%	8,743.2	7.9%	14,463.5	1.2%	5,413.4	1.8%
June	182,361.9	44.5%	291,270.1	63.7%	130,403.5	15.0%	76,724.3	22.1%	5,752.6	21.4%	8,743.2	10.2%	14,315.1	1.3%	5,399.1	1.8%
July	181,713.0	58.3%	292,441.8	74.0%	130,558.5	19.4%	76,724.3	31.7%	5,752.6	26.0%	8,743.2	14.3%	14,315.1	1.6%	5,414.9	1.6%
August	181,099.7	58.0%	292,441.8	74.1%	131,221.5	19.0%	76,724.3	31.0%	5,884.2	26.7%	8,743.2	13.3%	14,315.1	1.9%	5,416.6	1.6%
Sept	180,234.7	46.4%	292,441.8	66.2%	131,221.5	13.6%	75,688.3	22.4%	5,878.3	22.0%	8,743.2	14.5%	14,315.1	1.3%	5,425.7	1.5%
October	179,749.7	38.6%	293,100.7	53.7%	131,221.5	12.6%	75,687.9	16.3%	5,879.5	18.9%	8,743.2	8.7%	14,315.1	1.3%	5,429.6	1.7%
November	179,749.7	39.7%	293,100.7	54.8%	131,217.5	11.5%	75,681.6	14.1%	5,880.7	18.8%	8,743.2	6.8%	14,315.1	1.0%	5,414.6	2.1%
December	178,441.7	42.3%	293,802.5	60.0%	131,178.5	10.1%	74,854.6	10.8%	5,885.5	18.6%	8,743.2	7.7%	14,315.1	1.2%	5,413.5	1.8%
Year 2024																
January	177,413.7	56.7%	293,763.2	63.6%	132,043.3	12.4%	75,924.4	16.1%	5,880.7	19.9%	8,743.2	9.6%	14,341.1	2.6%	5,414.3	1.9%
February	177,413.7	35.9%	293,763.2	56.1%	132,043.3	9.8%	75,924.4	11.6%	5,882.9	17.3%	8,743.2	7.7%	14,341.1	0.9%	5,414.3	1.7%
March	177,198.2	29.4%	293,763.2	50.7%	131,747.3	10.9%	75,513.7	13.9%	5,882.9	17.8%	8,743.2	6.9%	14,332.7	1.1%	5,422.1	1.9%
April	176,572.1	29.8%	293,669.2	46.6%	131,747.3	13.5%	75,513.7	16.0%	5,886.0	16.7%	8,743.2	7.1%	14,314.6	1.7%	5,424.2	2.6%
May	176,076.1	35.5%	293,743.2	53.4%	131,702.3	13.8%	75,513.7	20.5%	5,935.0	18.8%	8,743.2	7.7%	14,314.6	2.0%	5,416.2	2.5%
June	175,896.1	48.8%	292,363.6	64.9%	131,611.8	16.3%	75,263.7	27.3%	5,982.7	22.0%	8,743.2	9.0%	14,206.6	2.4%	5,413.8	1.8%
July	175,896.1	54.7%	292,363.6	74.6%	132,013.8	24.0%	75,263.7	33.6%	5,986.7	28.3%	8,743.2	10.9%	14,206.6	4.5%	5,425.2	2.4%
August	175,896.1	52.9%	291,829.1	73.8%	132,603.2	21.8%	75,263.7	33.1%	6,161.8	27.3%	8,743.2	10.1%	14,206.6	3.7%	5,425.5	2.6%
Sept	175,637.1	43.6%	292,363.6	66.7%	132,603.2	15.3%	75,263.7	22.7%	6,164.3	21.5%	8,743.2	8.2%	14,206.6	1.7%	5,425.5	1.9%
October	175,637.1	37.0%	292,378.3	54.7%	132,603.2	14.2%	75,268.3	19.4%	6,167.5	17.8%	8,743.2	7.3%	14,206.6	1.9%	5,425.5	1.9%
November	175,454.7	35.7%	292,394.6	53.8%	132,736.3	13.4%	75,264.9	16.8%	6,227.3	19.5%	8,743.2	7.6%	14,201.0	1.7%	5,422.0	1.6%

Values for 2023 and prior years are final. Values for 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

	Geothermal		Hydroelectric		Nuclear		Other Biomass		Other Fossil Gas		Solar				Wind		Wood	
Year/Month											Photovoltaic		Thermal					
	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)	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	2,670.6	69.4%	79,982.5	35.0%	95,065.2	93.0%	4,162.6	60.4%	1,871.6	53.8%	77,130.8	23.2%	1,480.0	22.1%	143,443.5	33.2%	7,830.2	53.5%
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	2,657.6	71.2%	79,971.6	38.2%	94,598.2	100.7%	4,259.7	60.5%	1,896.8	48.4%	71,639.2	14.2%	1,480.0	7.7%	140,883.2	36.3%	7,933.1	57.5%
February	2,657.6	72.4%	79,989.6	37.1%	94,598.2	95.7%	4,158.1	59.6%	1,896.8	54.3%	72,849.9	18.6%	1,480.0	10.9%	141,532.3	43.1%	7,933.1	56.2%
March	2,623.3	73.2%	79,989.6	35.9%	94,598.2	89.3%	4,158.1	58.3%	1,866.8	54.7%	73,402.2	21.5%	1,480.0	14.0%	142,245.7	40.6%	7,933.1	53.5%
April	2,623.3	70.6%	80,007.4	34.4%	94,598.2	83.2%	4,158.1	55.5%	1,866.8	54.7%	73,948.2	26.8%	1,480.0	27.8%	142,659.5	41.2%	7,933.1	48.6%
May	2,684.3	66.9%	79,978.4	46.5%	94,598.2	86.9%	4,158.1	61.0%	1,866.8	51.1%	74,880.6	29.5%	1,480.0	27.4%	142,976.1	30.0%	7,888.1	51.9%
June	2,684.3	66.5%	79,979.8	37.5%	94,598.2	95.2%	4,158.1	62.3%	1,866.8	54.1%	75,981.9	30.9%	1,480.0	34.6%	143,730.8	26.4%	7,873.5	52.2%
July	2,684.3	64.6%	79,979.8	36.9%	94,598.2	99.1%	4,159.4	61.9%	1,866.8	57.0%	77,601.9	30.9%	1,480.0	35.0%	143,730.8	25.9%	7,788.5	54.0%
August	2,671.8	63.1%	79,979.8	35.8%	95,712.2	97.9%	4,155.4	61.3%	1,866.8	56.4%	78,928.8	28.7%	1,480.0	28.3%	144,230.3	26.2%	7,788.5	56.3%
Sept	2,671.8	67.4%	79,977.0	29.4%	95,712.2	95.1%	4,155.4	58.0%	1,866.8	52.9%	79,648.0	25.6%	1,480.0	27.7%	144,334.3	27.1%	7,756.3	52.6%
October	2,695.8	70.4%	79,974.9	26.3%	95,712.2	86.3%	4,147.2	59.4%	1,866.8	51.2%	80,606.0	22.0%	1,480.0	26.1%	144,417.5	33.1%	7,756.3	47.4%
November	2,695.8	73.7%	79,979.5	29.6%	95,712.2	90.3%	4,148.8	61.7%	1,866.8	54.0%	82,386.8	16.7%	1,480.0	15.7%	145,235.0	34.6%	7,693.1	54.5%
December	2,695.8	72.9%	79,983.6	32.1%	95,712.2	96.7%	4,133.2	64.5%	1,866.8	56.4%	83,392.8	13.5%	1,480.0	9.9%	145,232.0	34.6%	7,693.1	56.7%
Year 2024																		
January	2,695.8	70.2%	79,837.5	36.9%	95,712.2	97.1%	4,124.2	60.5%	1,866.8	58.6%	90,724.2	13.8%	1,480.0	7.3%	147,444.7	31.6%	7,693.1	59.1%
February	2,695.8	69.7%	79,837.5	36.2%	95,712.2	96.9%	4,124.2	58.3%	1,866.8	42.5%	93,255.4	18.7%	1,480.0	11.7%	148,302.9	39.9%	7,693.1	55.3%
March	2,695.8	63.6%	79,838.0	39.3%	95,712.2	89.0%	4,124.2	55.6%	1,866.8	38.6%	93,838.9	21.7%	1,480.0	20.4%	148,504.4	41.0%	7,693.1	53.8%
April	2,695.8	68.2%	79,838.0	33.7%	95,712.2	83.2%	4,096.2	55.4%	1,838.8	41.9%	96,769.1	26.3%	1,480.0	31.6%	148,664.4	43.7%	7,693.1	53.1%
May	2,695.8	61.6%	79,838.0	38.1%	96,826.2	90.2%	4,085.4	60.0%	1,838.8	46.7%	98,170.0	29.1%	1,480.0	38.1%	149,793.3	34.5%	7,693.1	55.2%
June	2,695.8	65.1%	79,829.5	36.8%	96,826.2	97.8%	4,085.4	59.1%	1,838.8	49.1%	100,553.1	31.7%	1,480.0	39.1%	150,045.2	35.1%	7,693.1	55.2%
July	2,695.8	65.8%	79,829.5	35.7%	96,826.2	97.0%	4,038.9	61.1%	1,838.8	47.3%	103,191.5	30.4%	1,480.0	33.0%	150,075.2	24.8%	7,693.1	54.6%
August	2,695.8	65.0%	79,835.1	36.0%	96,826.2	96.8%	4,038.9	61.9%	1,838.8	49.5%	104,151.2	29.9%	1,480.0	32.6%	150,609.3	25.5%	7,693.1	56.0%
Sept	2,695.8	65.1%	79,835.1	29.0%	96,826.2	89.9%	4,044.8	59.6%	1,838.8	39.9%	105,377.2	25.4%	1,480.0	31.8%	150,959.5	26.6%	7,693.1	53.4%
October	2,715.8	58.6%	79,833.5	26.6%	96,826.2	81.6%	4,044.8	58.1%	1,838.8	29.6%	107,913.5	23.1%	1,392.0	22.8%	151,174.5	35.6%	7,693.1	47.1%
November	2,715.8	63.6%	79,833.3	31.8%	96,826.2	88.8%	4,044.8	59.8%	1,838.8	42.6%	111,216.7	16.3%	1,392.0	13.8%	151,173.5	37.6%	7,693.1	53.7%

Values for 2023 and prior years are final. Values for 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	11,225.7	6.6%	23,132.1	10.9%
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	9,168.7	6.9%	23,057.8	9.2%
February	9,236.4	6.5%	23,057.8	9.6%
March	9,318.4	7.0%	23,137.8	9.2%
April	9,621.5	7.2%	23,147.4	8.8%
May	9,791.5	6.5%	23,147.4	10.9%
June	9,943.1	6.4%	23,147.4	13.8%
July	10,846.6	6.5%	23,147.4	15.7%
August	12,332.2	6.4%	23,147.4	15.5%
Sept	12,815.4	6.3%	23,147.4	13.3%
October	13,515.9	7.0%	23,147.4	8.7%
November	13,768.3	6.7%	23,147.4	8.3%
December	14,197.9	6.3%	23,147.4	8.0%
Year 2024				
January	15,684.8	5.4%	23,147.4	9.5%
February	15,829.3	6.5%	23,147.4	9.7%
March	15,865.2	6.9%	23,227.4	7.4%
April	16,905.6	7.3%	23,227.4	9.1%
May	17,590.9	6.7%	23,227.4	12.5%
June	18,663.7	6.9%	23,227.4	15.5%
July	19,900.3	7.8%	23,227.4	16.7%
August	20,650.1	7.8%	23,227.4	16.2%
Sept	21,575.4	7.7%	23,227.4	12.9%
October	22,654.9	8.3%	23,227.4	8.3%
November	23,379.0	8.3%	23,221.6	8.6%

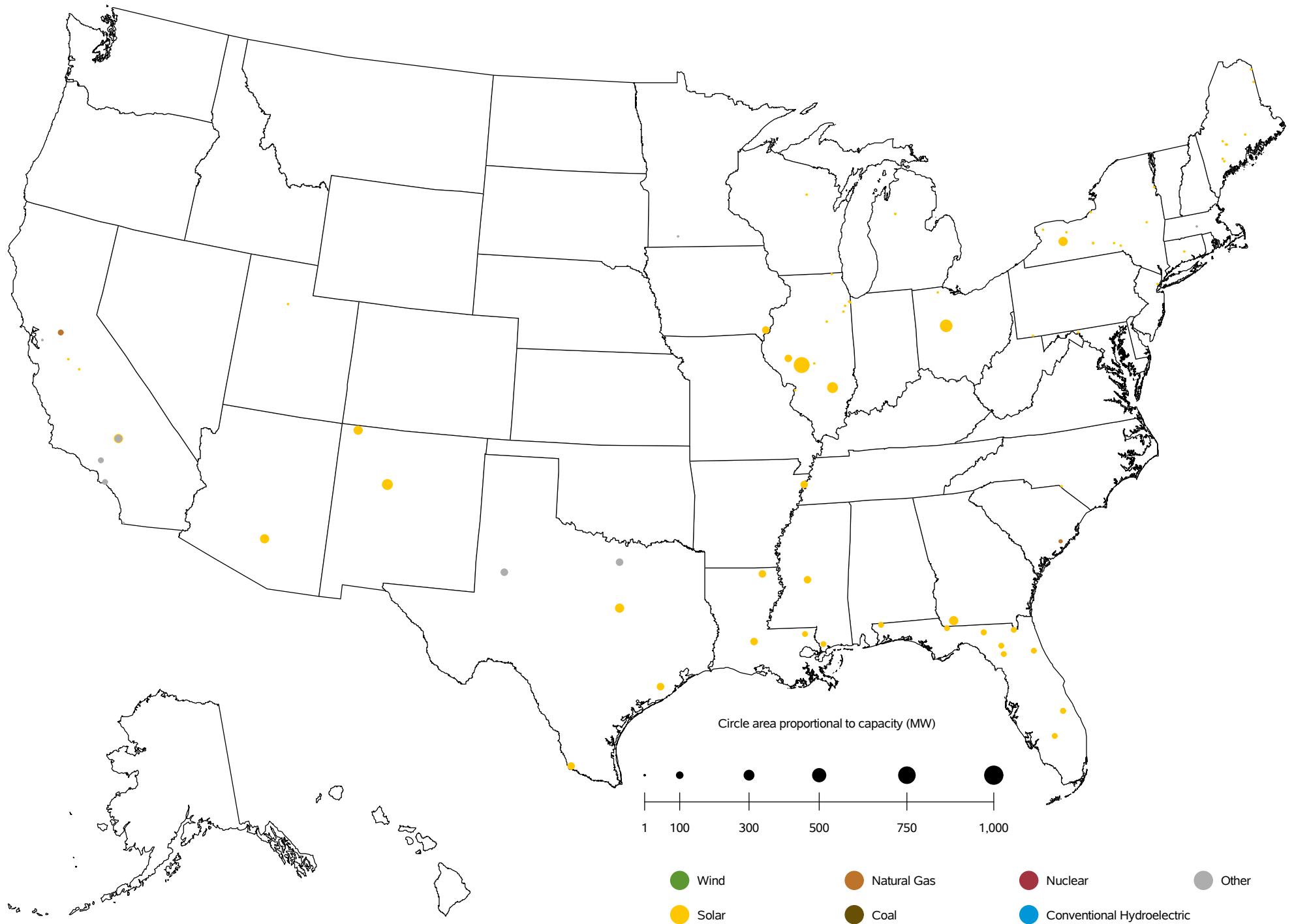
Values for 2023 and prior years are final. Values for 2024 are preliminary.

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.

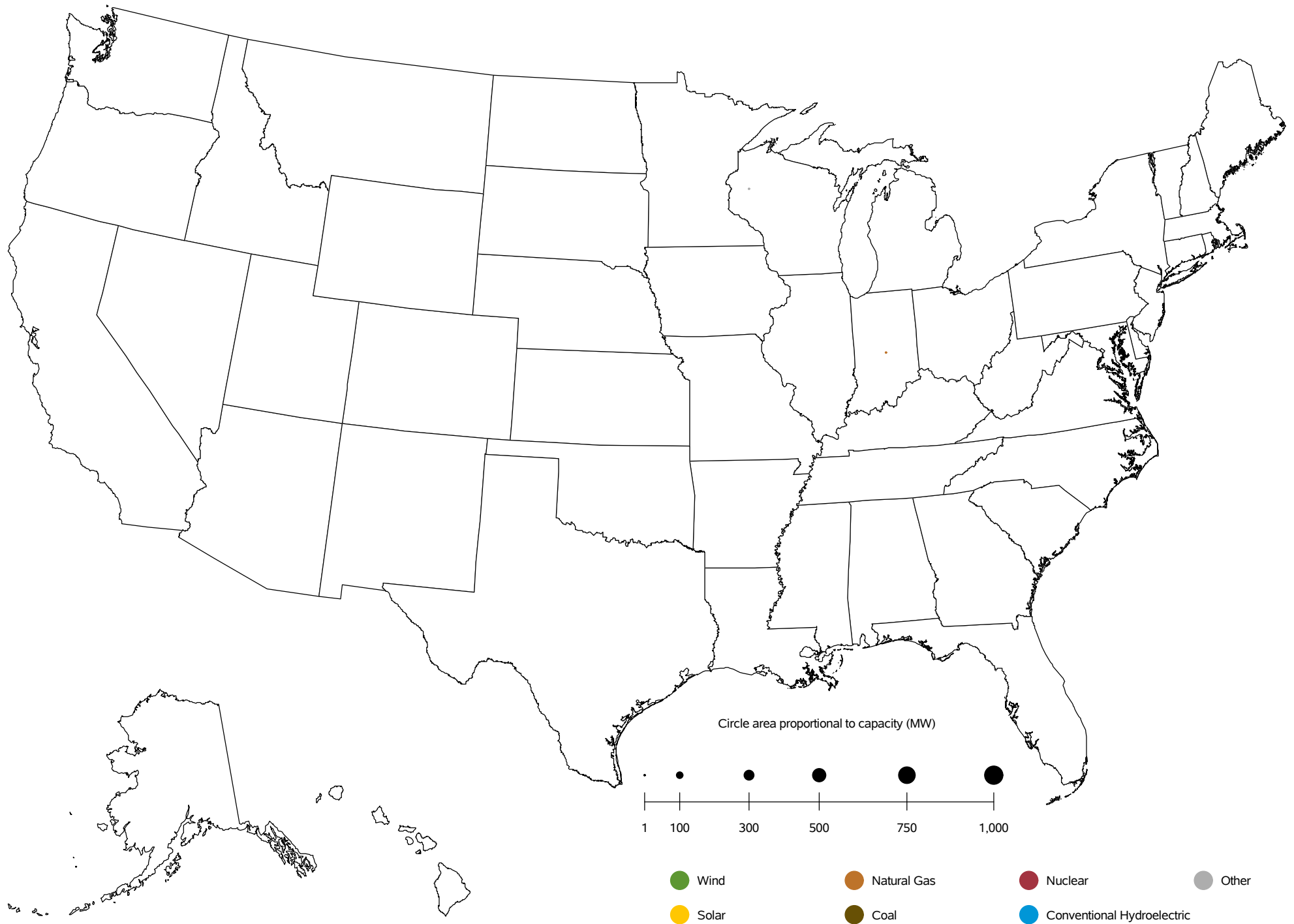
Sources: U.S. Energy Information Administration, Form EIA-923, Power Plant Operations Report; U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



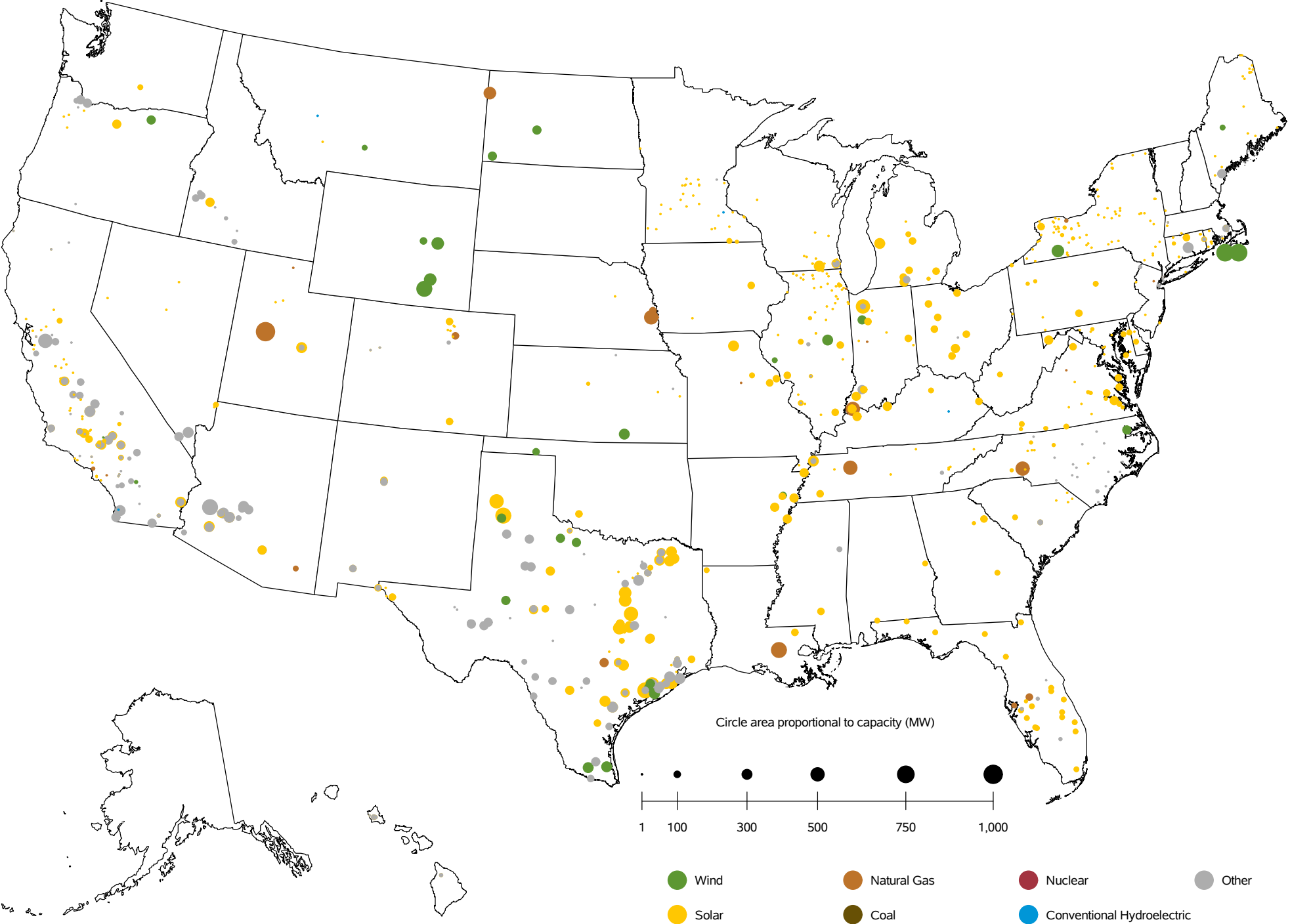
Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

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



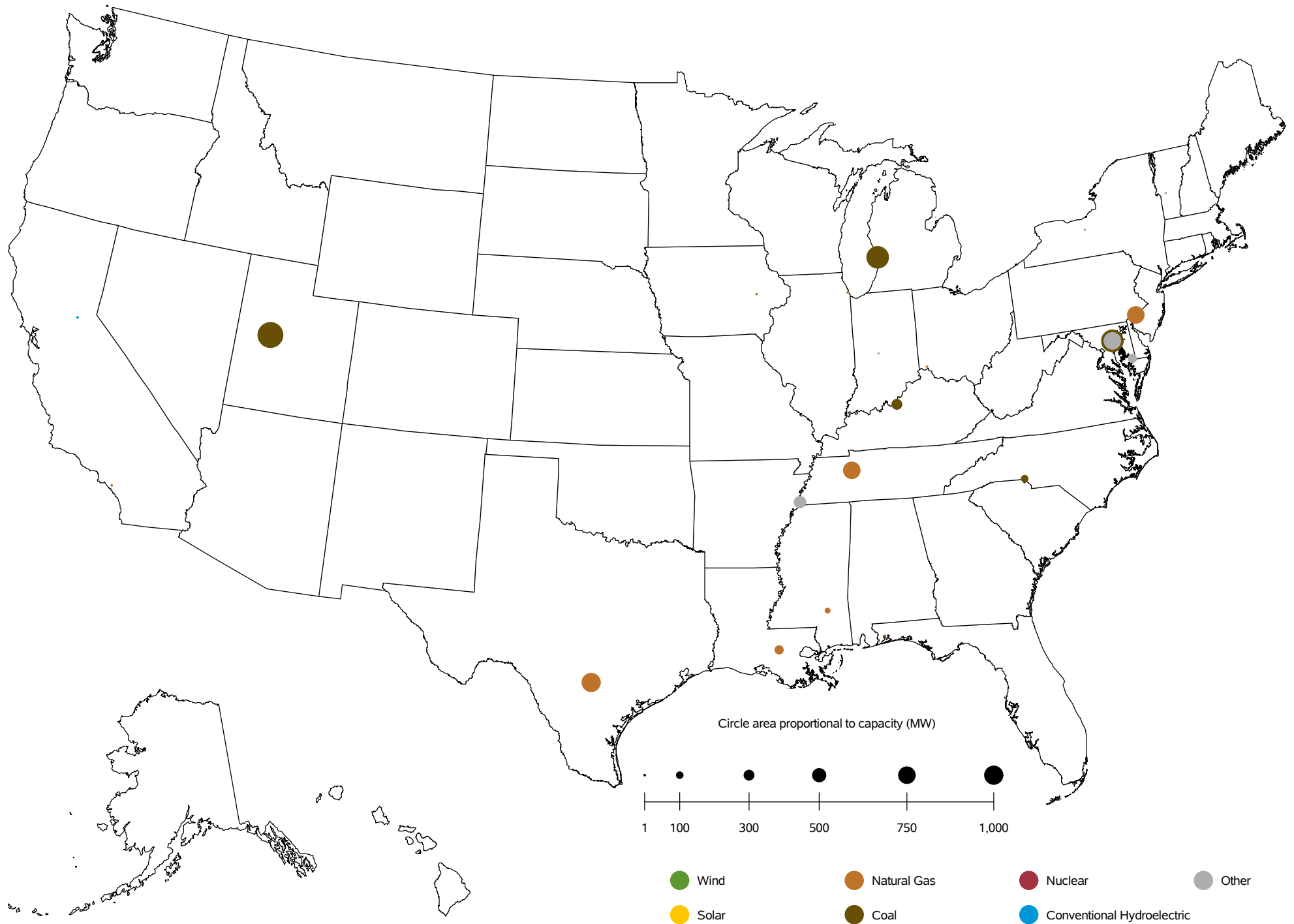
Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility-Scale Generating Units Planned to Come Online from December 2024 to November 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 December 2024 to November 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	33,225,087	18,384,320	5,692,121	1,628,726	38,917,208	20,013,046	18,904,162
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	4,101,058	801,723	387,265	401,249	4,488,323	1,202,972	3,285,351
February	3,115,237	1,381,058	408,993	198,935	3,524,230	1,579,993	1,944,237
March	3,475,655	1,262,534	415,159	66,218	3,890,814	1,328,752	2,562,062
April	3,432,565	1,573,510	153,766	100,022	3,586,331	1,673,532	1,912,799
May	3,613,229	1,124,200	290,489	155,024	3,903,718	1,279,224	2,624,494
June	2,619,302	1,265,876	446,353	110,231	3,065,655	1,376,107	1,689,548
July	2,588,050	1,854,668	629,292	131,270	3,217,342	1,985,938	1,231,404
August	2,366,072	1,482,397	636,639	136,124	3,002,711	1,618,521	1,384,190
Sept	1,773,922	2,169,015	582,183	100,874	2,356,105	2,269,889	86,216
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
July	3,353,019	1,349,866	647,735	164,336	4,000,754	1,514,202	2,486,552
August	2,794,301	1,093,560	581,050	125,526	3,375,351	1,219,086	2,156,265
Sept	2,492,757	861,704	600,955	129,762	3,093,712	991,466	2,102,246

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 - November 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
2023	7,402	8,083	1,684	0	17,169
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	586	126	0	1,188
February	429	548	124	0	1,100
March	497	607	143	0	1,247
April	523	621	143	0	1,288
May	631	689	126	0	1,446
June	696	698	146	0	1,540
July	765	722	146	0	1,634
August	743	723	163	0	1,629
Sept	725	747	146	0	1,618
October	742	769	149	0	1,660
November	599	688	133	0	1,420
December	576	685	138	0	1,398
Year 2024					
January	528	633	108	0	1,270
February	504	613	132	0	1,249
March	654	699	132	0	1,485
April	648	657	145	0	1,450
May	637	772	103	0	1,512
June	760	698	143	0	1,601
July	807	733	131	0	1,670
August	757	733	137	0	1,627
Sept	706	697	112	0	1,515
October	749	757	153	0	1,658
November	621	686	123	0	1,430
Year to Date					
2022	6,187	6,873	1,625	0	14,685
2023	6,826	7,399	1,546	0	15,771
2024	7,371	7,677	1,419	0	16,467
Rolling 12 Months Ending in November					
2023	7,363	8,037	1,689	0	17,089
2024	7,946	8,361	1,557	0	17,865

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 - November 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
2023	1,686	1,979	390	0	4,055
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	168	37	0	328
April	128	168	36	0	332
May	152	188	31	0	371
June	154	145	32	0	331
July	184	198	39	0	421
August	174	180	37	0	391
Sept	143	158	28	0	329
October	178	194	37	0	409
November	128	151	27	0	306
December	112	138	26	0	276
Year 2024					
January	116	143	24	0	283
February	117	149	30	0	296
March	153	171	31	0	354
April	151	160	33	0	344
May	170	217	29	0	417
June	188	180	35	0	403
July	202	202	36	0	440
August	194	181	34	0	408
Sept	174	176	30	0	380
October	159	173	33	0	365
November	125	140	24	0	289
Year to Date					
2022	1,764	2,159	467	0	4,390
2023	1,574	1,841	364	0	3,778
2024	1,749	1,893	337	0	3,979
Rolling 12 Months Ending in November					
2023	1,712	2,016	402	0	4,130
2024	1,861	2,031	364	0	4,255

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 - November 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
2023	1,379,341	127,792	582	0	1,507,715
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	128,302	589	0	1,503,608
February	1,375,176	128,312	588	0	1,504,076
March	1,376,298	128,040	580	0	1,504,918
April	1,377,070	127,611	580	0	1,505,261
May	1,378,115	127,668	579	0	1,506,362
June	1,379,369	127,598	580	0	1,507,547
July	1,380,020	127,637	581	0	1,508,238
August	1,380,809	127,612	580	0	1,509,001
Sept	1,381,572	127,766	581	0	1,509,919
October	1,382,416	127,596	582	0	1,510,594
November	1,383,057	127,673	583	0	1,511,313
December	1,383,477	127,690	585	0	1,511,752
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
July	1,382,759	128,626	586	0	1,511,971
August	1,383,437	128,665	586	0	1,512,688
Sept	1,383,138	128,591	583	0	1,512,312
October	1,383,905	128,448	583	0	1,512,936
November	1,384,824	128,474	581	0	1,513,879
Rolling 12 Months Ending in November					
2023	1,378,579	127,838	583	0	1,507,000
2024	1,383,021	128,095	585	0	1,511,701

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 - November 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
2023	22.78	24.48	23.17	--	23.62
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	25.11	22.80	--	23.85
February	23.60	26.37	23.90	--	25.01
March	24.84	27.62	26.16	--	26.34
April	24.45	26.97	25.39	--	25.77
May	24.17	27.21	24.95	--	25.69
June	22.12	20.82	21.97	--	21.52
July	24.07	27.43	26.60	--	25.78
August	23.39	24.92	22.46	--	23.97
Sept	19.68	21.16	19.44	--	20.34
October	24.02	25.21	25.00	--	24.66
November	21.44	21.92	20.19	--	21.55
December	19.44	20.16	19.14	--	19.76
Year 2024					
January	21.96	22.66	21.80	--	22.30
February	23.14	24.35	22.49	--	23.66
March	23.33	24.40	23.31	--	23.83
April	23.24	24.41	22.91	--	23.74
May	26.74	28.16	28.24	--	27.57
June	24.69	25.83	24.24	--	25.14
July	25.10	27.59	27.20	--	26.36
August	25.61	24.64	24.58	--	25.09
Sept	24.70	25.27	26.59	--	25.10
October	21.25	22.79	21.80	--	22.01
November	20.17	20.41	19.38	--	20.22
Year to Date					
2022	28.51	31.42	28.75	--	29.90
2023	23.06	24.88	23.53	--	23.96
2024	23.73	24.65	23.77	--	24.16
Rolling 12 Months Ending in November					
2023	23.25	25.09	23.78	--	24.17
2024	23.42	24.29	23.36	--	23.82

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-November 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	1,391	40	3,749	158	76	5,975
Year 2024								
January	454	98	1,384	37	3,664	154	76	5,867
February	454	98	1,384	37	3,664	154	76	5,867
March	454	98	1,384	37	3,664	154	102	5,893
April	454	98	1,384	37	3,664	154	102	5,893
May	454	98	1,384	37	3,664	154	102	5,893
June	454	98	1,384	37	3,664	154	102	5,893
July	454	98	1,384	37	3,664	154	102	5,893
August	454	98	1,384	37	3,664	154	102	5,893
Sept	454	98	1,388	37	3,664	154	102	5,897
October	454	98	1,391	39	3,664	159	102	5,907
November	454	98	1,391	39	3,664	159	102	5,907

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, November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	18	0	3	0	0	11
Connecticut	0	30	0	2	0	0	39
Maine	0	9	0	21	0	0	14
Massachusetts	0	47	0	5	0	0	26
New Hampshire	0	41	0	0	0	0	21
Rhode Island	0	60	0	15	0	0	313
Vermont	0	313	0	0	0	0	22
Middle Atlantic	17	28	0	1	32	0	3
New Jersey	0	38	0	4	0	0	0
New York	0	31	0	3	0	0	2
Pennsylvania	17	34	0	1	41	0	15
East North Central	0	44	46	2	12	0	11
Illinois	0	36	0	9	0	0	76
Indiana	1	3	0	4	22	0	38
Michigan	0	35	0	2	0	0	19
Ohio	1	9	114	2	22	0	36
Wisconsin	0	580	0	3	0	0	16
West North Central	0	81	0	7	0	0	8
Iowa	0	119	0	11	0	0	23
Kansas	0	10	0	16	0	0	0
Minnesota	0	382	0	9	0	0	25
Missouri	0	47	0	21	0	0	24
Nebraska	3	586	0	50	0	0	21
North Dakota	0	106	0	29	0	0	15
South Dakota	0	798	0	34	0	0	11
South Atlantic	1	4	0	1	0	0	8
Delaware	0	44	0	14	0	0	0
District of Columbia	0	2,401	0	42	0	0	0
Florida	0	3	0	1	0	0	55
Georgia	0	11	0	3	0	0	12
Maryland	0	19	0	5	0	0	2
North Carolina	0	10	0	2	0	0	13
South Carolina	0	4	0	3	0	0	17
Virginia	0	32	0	2	0	0	20
West Virginia	3	0	0	8	0	0	21
East South Central	0	3	0	1	0	0	6
Alabama	0	54	0	2	0	0	8
Kentucky	0	5	0	6	0	0	9
Mississippi	0	8	0	1	0	0	0
Tennessee	0	0	0	3	0	0	9
West South Central	0	12	0	1	4	0	11
Arkansas	0	41	0	7	0	0	14
Louisiana	0	20	0	2	9	0	30
Oklahoma	0	5	0	3	0	0	19
Texas	0	16	0	2	4	0	25
Mountain	1	105	0	1	6	0	5
Arizona	0	57	0	1	0	0	6
Colorado	0	545	0	3	0	0	20
Idaho	0	0	0	16	0	0	8
Montana	4	56	0	21	0	0	8
Nevada	0	0	0	1	0	0	3
New Mexico	0	3,234	0	10	0	0	53
Utah	0	2	0	3	0	0	26
Wyoming	3	3	0	3	6	0	24
Pacific Contiguous	0	148	0	1	0	0	2
California	0	91	0	1	0	0	9
Oregon	0	284	0	4	0	0	3
Washington	0	408	0	8	0	0	1
Pacific Noncontiguous	21	4	0	31	0	0	16
Alaska	21	21	0	31	0	0	17
Hawaii	0	4	0	0	0	0	39
U.S. Total	0	6	35	1	5	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, November 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	3	0	0	2
Connecticut	0	0	0	10	10	0	0	1
Maine	0	0	0	10	4	0	0	7
Massachusetts	0	0	0	6	4	0	0	4
New Hampshire	0	0	0	150	13	0	0	4
Rhode Island	0	0	0	10	9	0	0	13
Vermont	0	0	0	18	8	0	0	12
Middle Atlantic	0	0	0	4	2	0	0	1
New Jersey	0	0	0	7	5	0	0	2
New York	0	0	0	5	2	0	1	1
Pennsylvania	0	0	0	9	4	0	0	1
East North Central	0	0	0	1	1	0	1	1
Illinois	0	0	0	3	1	0	0	1
Indiana	0	0	0	3	2	0	0	1
Michigan	0	0	0	7	2	0	7	1
Ohio	0	0	0	1	1	0	0	2
Wisconsin	0	0	0	4	3	0	10	1
West North Central	0	0	0	4	1	0	5	1
Iowa	0	0	0	5	1	0	0	1
Kansas	0	0	0	29	1	0	0	2
Minnesota	0	0	0	5	3	0	5	3
Missouri	0	0	0	16	1	0	0	3
Nebraska	0	0	0	13	2	0	0	2
North Dakota	0	0	0	0	3	0	18	2
South Dakota	0	0	0	1	1	0	0	4
South Atlantic	0	0	0	1	1	0	0	0
Delaware	0	0	0	13	15	0	0	12
District of Columbia	0	0	0	50	18	0	0	24
Florida	0	0	0	0	1	0	0	1
Georgia	0	0	0	1	2	0	0	1
Maryland	0	0	0	8	3	0	0	2
North Carolina	0	0	0	2	2	0	0	1
South Carolina	0	0	0	3	4	0	0	1
Virginia	0	0	0	2	3	0	0	1
West Virginia	0	0	0	18	1	0	0	2
East South Central	0	0	0	1	2	0	0	1
Alabama	0	0	0	2	4	0	0	1
Kentucky	0	0	0	11	14	0	0	2
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	1	1
Arkansas	0	0	0	1	3	0	0	3
Louisiana	0	0	0	2	4	0	0	1
Oklahoma	0	0	0	6	1	0	0	2
Texas	0	0	0	0	1	0	1	1
Mountain	0	12	0	1	1	0	0	1
Arizona	0	0	0	1	1	0	0	0
Colorado	0	0	0	2	2	0	0	1
Idaho	0	67	0	4	5	0	0	6
Montana	0	0	0	3	1	0	0	3
Nevada	0	12	0	1	4	0	0	1
New Mexico	0	0	0	2	1	0	0	2
Utah	0	33	0	1	3	0	4	1
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	0	6	0	1	1	0	0	1
California	0	6	0	1	2	0	0	1
Oregon	0	47	0	6	3	0	0	2
Washington	0	0	0	7	4	0	12	1
Pacific Noncontiguous	0	44	0	4	7	0	0	6
Alaska	0	0	0	109	27	0	0	14
Hawaii	0	44	0	4	7	0	0	3
U.S. Total	0	7	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 November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	18	0	3	0	0	11
Connecticut	0	30	0	2	0	0	39
Maine	0	9	0	21	0	0	14
Massachusetts	0	47	0	5	0	0	26
New Hampshire	0	41	0	0	0	0	21
Rhode Island	0	60	0	15	0	0	313
Vermont	0	313	0	0	0	0	22
Middle Atlantic	17	28	0	1	32	0	3
New Jersey	0	38	0	4	0	0	0
New York	0	31	0	3	0	0	2
Pennsylvania	17	34	0	1	41	0	15
East North Central	0	44	46	2	12	0	11
Illinois	0	36	0	9	0	0	76
Indiana	1	3	0	4	22	0	38
Michigan	0	35	0	2	0	0	19
Ohio	1	9	114	2	22	0	36
Wisconsin	0	580	0	3	0	0	16
West North Central	0	81	0	7	0	0	8
Iowa	0	119	0	11	0	0	23
Kansas	0	10	0	16	0	0	0
Minnesota	0	382	0	9	0	0	25
Missouri	0	47	0	21	0	0	24
Nebraska	3	586	0	50	0	0	21
North Dakota	0	106	0	29	0	0	15
South Dakota	0	798	0	34	0	0	11
South Atlantic	1	4	0	1	0	0	8
Delaware	0	44	0	14	0	0	0
District of Columbia	0	2,401	0	42	0	0	0
Florida	0	3	0	1	0	0	55
Georgia	0	11	0	3	0	0	12
Maryland	0	19	0	5	0	0	2
North Carolina	0	10	0	2	0	0	13
South Carolina	0	4	0	3	0	0	17
Virginia	0	32	0	2	0	0	20
West Virginia	3	0	0	8	0	0	21
East South Central	0	3	0	1	0	0	6
Alabama	0	54	0	2	0	0	8
Kentucky	0	5	0	6	0	0	9
Mississippi	0	8	0	1	0	0	0
Tennessee	0	0	0	3	0	0	9
West South Central	0	12	0	1	4	0	11
Arkansas	0	41	0	7	0	0	14
Louisiana	0	20	0	2	9	0	30
Oklahoma	0	5	0	3	0	0	19
Texas	0	16	0	2	4	0	25
Mountain	1	105	0	1	6	0	5
Arizona	0	57	0	1	0	0	6
Colorado	0	545	0	3	0	0	20
Idaho	0	0	0	16	0	0	8
Montana	4	56	0	21	0	0	8
Nevada	0	0	0	1	0	0	3
New Mexico	0	3,234	0	10	0	0	53
Utah	0	2	0	3	0	0	26
Wyoming	3	3	0	3	6	0	24
Pacific Contiguous	0	148	0	1	0	0	2
California	0	91	0	1	0	0	9
Oregon	0	284	0	4	0	0	3
Washington	0	408	0	8	0	0	1
Pacific Noncontiguous	21	4	0	31	0	0	16
Alaska	21	21	0	31	0	0	17
Hawaii	0	4	0	0	0	0	39
U.S. Total	0	6	35	1	5	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 November 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	3	0	0	2
Connecticut	0	0	0	10	10	0	0	1
Maine	0	0	0	10	4	0	0	7
Massachusetts	0	0	0	6	4	0	0	4
New Hampshire	0	0	0	150	13	0	0	4
Rhode Island	0	0	0	10	9	0	0	13
Vermont	0	0	0	18	8	0	0	12
Middle Atlantic	0	0	0	4	2	0	0	1
New Jersey	0	0	0	7	5	0	0	2
New York	0	0	0	5	2	0	1	1
Pennsylvania	0	0	0	9	4	0	0	1
East North Central	0	0	0	1	1	0	1	1
Illinois	0	0	0	3	1	0	0	1
Indiana	0	0	0	3	2	0	0	1
Michigan	0	0	0	7	2	0	7	1
Ohio	0	0	0	1	1	0	0	2
Wisconsin	0	0	0	4	3	0	10	1
West North Central	0	0	0	4	1	0	5	1
Iowa	0	0	0	5	1	0	0	1
Kansas	0	0	0	29	1	0	0	2
Minnesota	0	0	0	5	3	0	5	3
Missouri	0	0	0	16	1	0	0	3
Nebraska	0	0	0	13	2	0	0	2
North Dakota	0	0	0	0	3	0	18	2
South Dakota	0	0	0	1	1	0	0	4
South Atlantic	0	0	0	1	1	0	0	0
Delaware	0	0	0	13	15	0	0	12
District of Columbia	0	0	0	50	18	0	0	24
Florida	0	0	0	0	1	0	0	1
Georgia	0	0	0	1	2	0	0	1
Maryland	0	0	0	8	3	0	0	2
North Carolina	0	0	0	2	2	0	0	1
South Carolina	0	0	0	3	4	0	0	1
Virginia	0	0	0	2	3	0	0	1
West Virginia	0	0	0	18	1	0	0	2
East South Central	0	0	0	1	2	0	0	1
Alabama	0	0	0	2	4	0	0	1
Kentucky	0	0	0	11	14	0	0	2
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	1	1
Arkansas	0	0	0	1	3	0	0	3
Louisiana	0	0	0	2	4	0	0	1
Oklahoma	0	0	0	6	1	0	0	2
Texas	0	0	0	0	1	0	1	1
Mountain	0	12	0	1	1	0	0	1
Arizona	0	0	0	1	1	0	0	0
Colorado	0	0	0	2	2	0	0	1
Idaho	0	67	0	4	5	0	0	6
Montana	0	0	0	3	1	0	0	3
Nevada	0	12	0	1	4	0	0	1
New Mexico	0	0	0	2	1	0	0	2
Utah	0	33	0	1	3	0	4	1
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	0	6	0	1	1	0	0	1
California	0	6	0	1	2	0	0	1
Oregon	0	47	0	6	3	0	0	2
Washington	0	0	0	7	4	0	12	1
Pacific Noncontiguous	0	44	0	4	7	0	0	6
Alaska	0	0	0	109	27	0	0	14
Hawaii	0	44	0	4	7	0	0	3
U.S. Total	0	7	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.C. Relative Standard Error (Percent) for Small Scale Solar Generation and Capacity
by Sector, Census Division and State, November 2024

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	0	1	2	.	0
Connecticut	0	1	0	.	0
Maine	0	0	0	.	0
Massachusetts	0	1	4	.	1
New Hampshire	0	0	0	.	0
Rhode Island	0	0	0	.	0
Vermont	5	3	0	.	3
Middle Atlantic	0	0	2	.	0
New Jersey	0	0	2	.	0
New York	0	0	1	.	0
Pennsylvania	1	2	0	.	1
East North Central	2	1	6	.	1
Illinois	2	2	67	.	1
Indiana	11	2	29	.	5
Michigan	5	7	64	.	4
Ohio	7	3	1	.	4
Wisconsin	8	7	18	.	5
West North Central	2	1	1	.	1
Iowa	4	2	1	.	2
Kansas	4	4	25	.	3
Minnesota	5	4	1	.	3
Missouri	3	2	4	.	2
Nebraska	6	12	0	.	5
North Dakota	0	137	0	.	50
South Dakota	0	0	0	.	0
South Atlantic	2	3	10	.	1
Delaware	6	6	68	.	7
District of Columbia	0	0	0	.	0
Florida	3	9	8	.	2
Georgia	34	28	0	.	27
Maryland	2	4	31	.	2
North Carolina	5	7	0	.	4
South Carolina	7	11	0	.	6
Virginia	5	4	9	.	4
West Virginia	0	0	0	.	0
East South Central	9	6	53	.	8
Alabama	0	0	0	.	0
Kentucky	10	7	0	.	9
Mississippi	21	12	317	.	15
Tennessee	0	0	0	.	0
West South Central	4	5	30	.	3
Arkansas	7	8	31	.	9
Louisiana	6	19	0	.	5
Oklahoma	7	10	0	.	6
Texas	5	8	397	.	5
Mountain	1	0	14	.	1
Arizona	1	0	0	.	0
Colorado	2	1	45	.	2
Idaho	2	4	0	.	2
Montana	3	0	0	.	2
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	18	.	2
Pacific Noncontiguous	0	0	0	.	0
Alaska	0	0	0	.	0
Hawaii	0	0	0	.	0
U.S. Total	0	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.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:
Electric Utilities by Census Division and State, November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	92	0	159	0	0	28
Connecticut	0	46	0	0	0	0	85
Maine	0	0	0	0	0	0	367
Massachusetts	0	128	0	191	0	0	48
New Hampshire	0	0	0	0	0	0	192
Rhode Island	0	0	0	0	0	0	0
Vermont	0	313	0	0	0	0	36
Middle Atlantic	0	69	0	6	0	0	1
New Jersey	0	0	0	221	0	0	0
New York	0	70	0	6	0	0	1
Pennsylvania	0	97	0	0	0	0	0
East North Central	0	68	0	2	0	0	12
Illinois	0	84	0	24	0	0	86
Indiana	1	3	0	7	0	0	38
Michigan	0	35	0	3	0	0	20
Ohio	6	13	0	8	0	0	47
Wisconsin	0	586	0	3	0	0	17
West North Central	0	82	0	8	0	0	8
Iowa	0	120	0	12	0	0	23
Kansas	0	10	0	17	0	0	0
Minnesota	0	432	0	11	0	0	32
Missouri	0	47	0	25	0	0	24
Nebraska	3	586	0	51	0	0	21
North Dakota	0	106	0	29	0	0	15
South Dakota	0	798	0	35	0	0	11
South Atlantic	0	3	0	1	0	0	9
Delaware	0	0	0	0	0	0	0
Florida	0	3	0	1	0	0	55
Georgia	0	9	0	3	0	0	12
Maryland	0	70	0	2	0	0	0
North Carolina	0	10	0	1	0	0	13
South Carolina	0	5	0	3	0	0	17
Virginia	0	62	0	4	0	0	19
West Virginia	0	0	0	0	0	0	31
East South Central	0	2	0	2	0	0	6
Alabama	0	164	0	5	0	0	8
Kentucky	0	5	0	6	0	0	9
Mississippi	0	19	0	1	0	0	0
Tennessee	0	0	0	3	0	0	10
West South Central	0	10	0	2	0	0	11
Arkansas	0	44	0	7	0	0	14
Louisiana	0	20	0	2	0	0	0
Oklahoma	0	5	0	5	0	0	19
Texas	0	22	0	4	0	0	26
Mountain	1	120	0	1	0	0	5
Arizona	0	57	0	1	0	0	6
Colorado	0	548	0	3	0	0	21
Idaho	0	0	0	17	0	0	9
Montana	0	11,758	0	22	0	0	8
Nevada	0	0	0	1	0	0	0
New Mexico	0	3,234	0	14	0	0	53
Utah	0	2	0	3	0	0	27
Wyoming	3	3	0	3	0	0	24
Pacific Contiguous	0	215	0	3	0	0	1
California	0	141	0	1	0	0	8
Oregon	0	0	0	9	0	0	3
Washington	0	515	0	8	0	0	1
Pacific Noncontiguous	33	5	0	31	0	0	18
Alaska	33	21	0	31	0	0	18
Hawaii	0	5	0	0	0	0	0
U.S. Total	0	8	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, November 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	17	5	0	0	22
Connecticut	0	0	0	0	0	0	0	25
Maine	0	0	0	0	0	0	0	367
Massachusetts	0	0	0	27	19	0	0	57
New Hampshire	0	0	0	0	0	0	0	192
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	7	4	0	0	16
Middle Atlantic	0	0	0	24	24	0	0	2
New Jersey	0	0	0	24	24	0	0	115
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	1
East North Central	0	0	0	3	2	0	6	1
Illinois	0	0	0	74	27	0	0	17
Indiana	0	0	0	4	5	0	0	2
Michigan	0	0	0	25	2	0	0	1
Ohio	0	0	0	101	99	0	0	6
Wisconsin	0	0	0	3	4	0	10	2
West North Central	0	0	0	5	1	0	4	1
Iowa	0	0	0	5	1	0	0	2
Kansas	0	0	0	81	3	0	0	3
Minnesota	0	0	0	8	4	0	0	3
Missouri	0	0	0	43	1	0	0	3
Nebraska	0	0	0	103	28	0	0	3
North Dakota	0	0	0	0	5	0	18	2
South Dakota	0	0	0	0	5	0	0	8
South Atlantic	0	0	0	0	1	0	0	0
Delaware	0	0	0	106	106	0	0	5
District of Columbia	0	0	0	155	155	0	0	155
Florida	0	0	0	0	0	0	0	1
Georgia	0	0	0	7	7	0	0	1
Maryland	0	0	0	99	99	0	0	2
North Carolina	0	0	0	5	5	0	0	1
South Carolina	0	0	0	101	41	0	0	1
Virginia	0	0	0	3	8	0	0	2
West Virginia	0	0	0	61	61	0	0	1
East South Central	0	0	0	18	19	0	0	1
Alabama	0	0	0	17	17	0	0	1
Kentucky	0	0	0	39	28	0	0	2
Mississippi	0	0	0	247	247	0	0	1
Tennessee	0	0	0	173	173	0	0	1
West South Central	0	0	0	7	2	0	0	1
Arkansas	0	0	0	6	6	0	0	3
Louisiana	0	0	0	45	45	0	0	1
Oklahoma	0	0	0	25	2	0	0	3
Texas	0	0	0	74	36	0	0	3
Mountain	0	45	0	4	2	0	2	1
Arizona	0	0	0	6	6	0	0	1
Colorado	0	0	0	78	2	0	0	1
Idaho	0	0	0	0	19	0	0	8
Montana	0	0	0	0	6	0	0	7
Nevada	0	0	0	2	2	0	0	0
New Mexico	0	0	0	13	1	0	0	5
Utah	0	45	0	24	41	0	16	1
Wyoming	0	0	0	0	4	0	0	2
Pacific Contiguous	0	0	0	15	4	0	0	1
California	0	0	0	15	3	0	0	2
Oregon	0	0	0	122	6	0	0	3
Washington	0	0	0	104	5	0	0	1
Pacific Noncontiguous	0	0	0	20	29	0	0	8
Alaska	0	0	0	232	49	0	0	16
Hawaii	0	0	0	19	19	0	0	5
U.S. Total	0	9	0	1	1	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.B. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Electric Utilities by Census Division and State, Year-to-Date through November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	92	0	159	0	0	28
Connecticut	0	46	0	0	0	0	85
Maine	0	0	0	0	0	0	367
Massachusetts	0	128	0	191	0	0	48
New Hampshire	0	0	0	0	0	0	192
Rhode Island	0	0	0	0	0	0	0
Vermont	0	313	0	0	0	0	36
Middle Atlantic	0	69	0	6	0	0	1
New Jersey	0	0	0	221	0	0	0
New York	0	70	0	6	0	0	1
Pennsylvania	0	97	0	0	0	0	0
East North Central	0	68	0	2	0	0	12
Illinois	0	84	0	24	0	0	86
Indiana	1	3	0	7	0	0	38
Michigan	0	35	0	3	0	0	20
Ohio	6	13	0	8	0	0	47
Wisconsin	0	586	0	3	0	0	17
West North Central	0	82	0	8	0	0	8
Iowa	0	120	0	12	0	0	23
Kansas	0	10	0	17	0	0	0
Minnesota	0	432	0	11	0	0	32
Missouri	0	47	0	25	0	0	24
Nebraska	3	586	0	51	0	0	21
North Dakota	0	106	0	29	0	0	15
South Dakota	0	798	0	35	0	0	11
South Atlantic	0	3	0	1	0	0	9
Delaware	0	0	0	0	0	0	0
Florida	0	3	0	1	0	0	55
Georgia	0	9	0	3	0	0	12
Maryland	0	70	0	2	0	0	0
North Carolina	0	10	0	1	0	0	13
South Carolina	0	5	0	3	0	0	17
Virginia	0	62	0	4	0	0	19
West Virginia	0	0	0	0	0	0	31
East South Central	0	2	0	2	0	0	6
Alabama	0	164	0	5	0	0	8
Kentucky	0	5	0	6	0	0	9
Mississippi	0	19	0	1	0	0	0
Tennessee	0	0	0	3	0	0	10
West South Central	0	10	0	2	0	0	11
Arkansas	0	44	0	7	0	0	14
Louisiana	0	20	0	2	0	0	0
Oklahoma	0	5	0	5	0	0	19
Texas	0	22	0	4	0	0	26
Mountain	1	120	0	1	0	0	5
Arizona	0	57	0	1	0	0	6
Colorado	0	548	0	3	0	0	21
Idaho	0	0	0	17	0	0	9
Montana	0	11,758	0	22	0	0	8
Nevada	0	0	0	1	0	0	0
New Mexico	0	3,234	0	14	0	0	53
Utah	0	2	0	3	0	0	27
Wyoming	3	3	0	3	0	0	24
Pacific Contiguous	0	215	0	3	0	0	1
California	0	141	0	1	0	0	8
Oregon	0	0	0	9	0	0	3
Washington	0	515	0	8	0	0	1
Pacific Noncontiguous	33	5	0	31	0	0	18
Alaska	33	21	0	31	0	0	18
Hawaii	0	5	0	0	0	0	0
U.S. Total	0	8	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 November 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	17	5	0	0	22
Connecticut	0	0	0	0	0	0	0	25
Maine	0	0	0	0	0	0	0	367
Massachusetts	0	0	0	27	19	0	0	57
New Hampshire	0	0	0	0	0	0	0	192
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	7	4	0	0	16
Middle Atlantic	0	0	0	24	24	0	0	2
New Jersey	0	0	0	24	24	0	0	115
New York	0	0	0	0	0	0	0	2
Pennsylvania	0	0	0	0	0	0	0	1
East North Central	0	0	0	3	2	0	6	1
Illinois	0	0	0	74	27	0	0	17
Indiana	0	0	0	4	5	0	0	2
Michigan	0	0	0	25	2	0	0	1
Ohio	0	0	0	101	99	0	0	6
Wisconsin	0	0	0	3	4	0	10	2
West North Central	0	0	0	5	1	0	4	1
Iowa	0	0	0	5	1	0	0	2
Kansas	0	0	0	81	3	0	0	3
Minnesota	0	0	0	8	4	0	0	3
Missouri	0	0	0	43	1	0	0	3
Nebraska	0	0	0	103	28	0	0	3
North Dakota	0	0	0	0	5	0	18	2
South Dakota	0	0	0	0	5	0	0	8
South Atlantic	0	0	0	0	1	0	0	0
Delaware	0	0	0	106	106	0	0	5
District of Columbia	0	0	0	155	155	0	0	155
Florida	0	0	0	0	0	0	0	1
Georgia	0	0	0	7	7	0	0	1
Maryland	0	0	0	99	99	0	0	2
North Carolina	0	0	0	5	5	0	0	1
South Carolina	0	0	0	101	41	0	0	1
Virginia	0	0	0	3	8	0	0	2
West Virginia	0	0	0	61	61	0	0	1
East South Central	0	0	0	18	19	0	0	1
Alabama	0	0	0	17	17	0	0	1
Kentucky	0	0	0	39	28	0	0	2
Mississippi	0	0	0	247	247	0	0	1
Tennessee	0	0	0	173	173	0	0	1
West South Central	0	0	0	7	2	0	0	1
Arkansas	0	0	0	6	6	0	0	3
Louisiana	0	0	0	45	45	0	0	1
Oklahoma	0	0	0	25	2	0	0	3
Texas	0	0	0	74	36	0	0	3
Mountain	0	45	0	4	2	0	2	1
Arizona	0	0	0	6	6	0	0	1
Colorado	0	0	0	78	2	0	0	1
Idaho	0	0	0	0	19	0	0	8
Montana	0	0	0	0	6	0	0	7
Nevada	0	0	0	2	2	0	0	0
New Mexico	0	0	0	13	1	0	0	5
Utah	0	45	0	24	41	0	16	1
Wyoming	0	0	0	0	4	0	0	2
Pacific Contiguous	0	0	0	15	4	0	0	1
California	0	0	0	15	3	0	0	2
Oregon	0	0	0	122	6	0	0	3
Washington	0	0	0	104	5	0	0	1
Pacific Noncontiguous	0	0	0	20	29	0	0	8
Alaska	0	0	0	232	49	0	0	16
Hawaii	0	0	0	19	19	0	0	5
U.S. Total	0	9	0	1	1	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.3.A. Relative Standard Error (Percent) for Net Generation by Fuel Type:

Independent Power Producers by Census Division and State, November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	20	0	3	0	0	11
Connecticut	0	31	0	2	0	0	40
Maine	0	12	0	22	0	0	14
Massachusetts	0	57	0	5	0	0	31
New Hampshire	0	77	0	0	0	0	21
Rhode Island	0	60	0	15	0	0	313
Vermont	0	0	0	0	0	0	26
Middle Atlantic	18	27	0	1	0	0	11
New Jersey	0	37	0	4	0	0	0
New York	0	32	0	3	0	0	13
Pennsylvania	18	42	0	1	0	0	15
East North Central	0	11	114	2	14	0	38
Illinois	0	40	0	10	0	0	150
Indiana	0	0	0	1	0	0	0
Michigan	0	0	0	1	0	0	83
Ohio	0	12	114	2	32	0	56
Wisconsin	0	0	0	0	0	0	69
West North Central	0	260	0	13	0	0	49
Iowa	0	105	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Minnesota	0	408	0	15	0	0	53
Missouri	0	0	0	13	0	0	0
South Dakota	0	0	0	0	0	0	0
South Atlantic	12	15	0	3	0	0	16
Delaware	0	45	0	22	0	0	0
Florida	0	55	0	6	0	0	0
Georgia	0	71	0	12	0	0	506
Maryland	0	19	0	5	0	0	2
North Carolina	0	44	0	10	0	0	31
South Carolina	0	5	0	24	0	0	100
Virginia	0	33	0	2	0	0	65
West Virginia	13	0	0	14	0	0	41
East South Central	0	203	0	0	0	0	30
Alabama	0	203	0	0	0	0	0
Kentucky	0	0	0	0	0	0	219
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	30
West South Central	0	20	0	1	0	0	27
Arkansas	0	0	0	0	0	0	63
Louisiana	0	0	0	10	0	0	30
Oklahoma	0	0	0	0	0	0	0
Texas	0	20	0	2	0	0	0
Mountain	4	8	0	4	0	0	21
Arizona	0	0	0	0	0	0	0
Colorado	0	0	0	9	0	0	56
Idaho	0	0	0	39	0	0	25
Montana	4	9	0	49	0	0	65
Nevada	0	0	0	0	0	0	56
New Mexico	0	0	0	13	0	0	0
Utah	0	0	0	89	0	0	0
Wyoming	0	0	0	0	0	0	0
Pacific Contiguous	0	17	0	1	0	0	34
California	0	0	0	1	0	0	49
Oregon	0	0	0	2	0	0	50
Washington	0	132	0	22	0	0	63
Pacific Noncontiguous	33	0	0	0	0	0	0
Alaska	33	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	1	4	76	1	7	0	8

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

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

Independent Power Producers by Census Division and State, November 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	2
Connecticut	0	0	0	10	10	0	0	1
Maine	0	0	0	10	4	0	0	7
Massachusetts	0	0	0	6	5	0	0	4
New Hampshire	0	0	0	150	13	0	0	4
Rhode Island	0	0	0	10	9	0	0	14
Vermont	0	0	0	23	15	0	0	17
Middle Atlantic	0	0	0	4	2	0	0	1
New Jersey	0	0	0	8	6	0	0	2
New York	0	0	0	5	2	0	0	2
Pennsylvania	0	0	0	9	4	0	0	1
East North Central	0	0	0	2	1	0	12	1
Illinois	0	0	0	3	1	0	0	1
Indiana	0	0	0	3	2	0	0	1
Michigan	0	0	0	7	4	0	14	1
Ohio	0	0	0	1	1	0	0	2
Wisconsin	0	0	0	17	6	0	0	1
West North Central	0	0	0	5	1	0	0	1
Iowa	0	0	0	10	2	0	0	2
Kansas	0	0	0	28	2	0	0	2
Minnesota	0	0	0	6	3	0	0	5
Missouri	0	0	0	15	2	0	0	3
Nebraska	0	0	0	13	2	0	0	2
North Dakota	0	0	0	0	3	0	0	3
South Dakota	0	0	0	1	1	0	0	1
South Atlantic	0	0	0	1	1	0	0	2
Delaware	0	0	0	11	16	0	0	19
District of Columbia	0	0	0	53	53	0	0	53
Florida	0	0	0	2	2	0	0	5
Georgia	0	0	0	1	1	0	0	6
Maryland	0	0	0	8	3	0	0	2
North Carolina	0	0	0	2	2	0	0	4
South Carolina	0	0	0	3	5	0	0	6
Virginia	0	0	0	2	4	0	0	2
West Virginia	0	0	0	15	1	0	0	7
East South Central	0	0	0	1	1	0	0	1
Alabama	0	0	0	2	3	0	0	0
Kentucky	0	0	0	9	10	0	0	13
Mississippi	0	0	0	1	1	0	0	0
Tennessee	0	0	0	4	6	0	0	13
West South Central	0	0	0	0	1	0	0	1
Arkansas	0	0	0	1	2	0	0	1
Louisiana	0	0	0	1	2	0	0	7
Oklahoma	0	0	0	2	2	0	0	1
Texas	0	0	0	0	1	0	0	1
Mountain	0	12	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	67	0	5	6	0	0	11
Montana	0	0	0	0	1	0	0	3
Nevada	0	12	0	1	4	0	0	3
New Mexico	0	0	0	2	1	0	0	2
Utah	0	44	0	1	2	0	0	3
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	0	7	0	1	1	0	0	1
California	0	6	0	1	2	0	0	1
Oregon	0	47	0	6	4	0	0	2
Washington	0	0	0	6	5	0	12	6
Pacific Noncontiguous	0	44	0	4	9	0	0	4
Alaska	0	0	0	124	54	0	0	28
Hawaii	0	44	0	4	9	0	0	4
U.S. Total	0	8	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 November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	20	0	3	0	0	11
Connecticut	0	31	0	2	0	0	40
Maine	0	12	0	22	0	0	14
Massachusetts	0	57	0	5	0	0	31
New Hampshire	0	77	0	0	0	0	21
Rhode Island	0	60	0	15	0	0	313
Vermont	0	0	0	0	0	0	26
Middle Atlantic	18	27	0	1	0	0	11
New Jersey	0	37	0	4	0	0	0
New York	0	32	0	3	0	0	13
Pennsylvania	18	42	0	1	0	0	15
East North Central	0	11	114	2	14	0	38
Illinois	0	40	0	10	0	0	150
Indiana	0	0	0	1	0	0	0
Michigan	0	0	0	1	0	0	83
Ohio	0	12	114	2	32	0	56
Wisconsin	0	0	0	0	0	0	69
West North Central	0	260	0	13	0	0	49
Iowa	0	105	0	0	0	0	0
Kansas	0	0	0	0	0	0	0
Minnesota	0	408	0	15	0	0	53
Missouri	0	0	0	13	0	0	0
South Dakota	0	0	0	0	0	0	0
South Atlantic	12	15	0	3	0	0	16
Delaware	0	45	0	22	0	0	0
Florida	0	55	0	6	0	0	0
Georgia	0	71	0	12	0	0	506
Maryland	0	19	0	5	0	0	2
North Carolina	0	44	0	10	0	0	31
South Carolina	0	5	0	24	0	0	100
Virginia	0	33	0	2	0	0	65
West Virginia	13	0	0	14	0	0	41
East South Central	0	203	0	0	0	0	30
Alabama	0	203	0	0	0	0	0
Kentucky	0	0	0	0	0	0	219
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	0	0	0	30
West South Central	0	20	0	1	0	0	27
Arkansas	0	0	0	0	0	0	63
Louisiana	0	0	0	10	0	0	30
Oklahoma	0	0	0	0	0	0	0
Texas	0	20	0	2	0	0	0
Mountain	4	8	0	4	0	0	21
Arizona	0	0	0	0	0	0	0
Colorado	0	0	0	9	0	0	56
Idaho	0	0	0	39	0	0	25
Montana	4	9	0	49	0	0	65
Nevada	0	0	0	0	0	0	56
New Mexico	0	0	0	13	0	0	0
Utah	0	0	0	89	0	0	0
Wyoming	0	0	0	0	0	0	0
Pacific Contiguous	0	17	0	1	0	0	34
California	0	0	0	1	0	0	49
Oregon	0	0	0	2	0	0	50
Washington	0	132	0	22	0	0	63
Pacific Noncontiguous	33	0	0	0	0	0	0
Alaska	33	0	0	0	0	0	0
Hawaii	0	0	0	0	0	0	0
U.S. Total	1	4	76	1	7	0	8

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

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

Independent Power Producers by Census Division and State, Year-to-Date through November 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	2
Connecticut	0	0	0	10	10	0	0	1
Maine	0	0	0	10	4	0	0	7
Massachusetts	0	0	0	6	5	0	0	4
New Hampshire	0	0	0	150	13	0	0	4
Rhode Island	0	0	0	10	9	0	0	14
Vermont	0	0	0	23	15	0	0	17
Middle Atlantic	0	0	0	4	2	0	0	1
New Jersey	0	0	0	8	6	0	0	2
New York	0	0	0	5	2	0	0	2
Pennsylvania	0	0	0	9	4	0	0	1
East North Central	0	0	0	2	1	0	12	1
Illinois	0	0	0	3	1	0	0	1
Indiana	0	0	0	3	2	0	0	1
Michigan	0	0	0	7	4	0	14	1
Ohio	0	0	0	1	1	0	0	2
Wisconsin	0	0	0	17	6	0	0	1
West North Central	0	0	0	5	1	0	0	1
Iowa	0	0	0	10	2	0	0	2
Kansas	0	0	0	28	2	0	0	2
Minnesota	0	0	0	6	3	0	0	5
Missouri	0	0	0	15	2	0	0	3
Nebraska	0	0	0	13	2	0	0	2
North Dakota	0	0	0	0	3	0	0	3
South Dakota	0	0	0	1	1	0	0	1
South Atlantic	0	0	0	1	1	0	0	2
Delaware	0	0	0	11	16	0	0	19
District of Columbia	0	0	0	53	53	0	0	53
Florida	0	0	0	2	2	0	0	5
Georgia	0	0	0	1	1	0	0	6
Maryland	0	0	0	8	3	0	0	2
North Carolina	0	0	0	2	2	0	0	4
South Carolina	0	0	0	3	5	0	0	6
Virginia	0	0	0	2	4	0	0	2
West Virginia	0	0	0	15	1	0	0	7
East South Central	0	0	0	1	1	0	0	1
Alabama	0	0	0	2	3	0	0	0
Kentucky	0	0	0	9	10	0	0	13
Mississippi	0	0	0	1	1	0	0	0
Tennessee	0	0	0	4	6	0	0	13
West South Central	0	0	0	0	1	0	0	1
Arkansas	0	0	0	1	2	0	0	1
Louisiana	0	0	0	1	2	0	0	7
Oklahoma	0	0	0	2	2	0	0	1
Texas	0	0	0	0	1	0	0	1
Mountain	0	12	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	67	0	5	6	0	0	11
Montana	0	0	0	0	1	0	0	3
Nevada	0	12	0	1	4	0	0	3
New Mexico	0	0	0	2	1	0	0	2
Utah	0	44	0	1	2	0	0	3
Wyoming	0	0	0	0	2	0	0	2
Pacific Contiguous	0	7	0	1	1	0	0	1
California	0	6	0	1	2	0	0	1
Oregon	0	47	0	6	4	0	0	2
Washington	0	0	0	6	5	0	12	6
Pacific Noncontiguous	0	44	0	4	9	0	0	4
Alaska	0	0	0	124	54	0	0	28
Hawaii	0	44	0	4	9	0	0	4
U.S. Total	0	8	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, November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	34	0	18	0	0	0
Connecticut	0	453	0	29	0	0	0
Maine	0	0	0	0	0	0	0
Massachusetts	0	82	0	24	0	0	0
New Hampshire	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0
Middle Atlantic	0	64	0	16	0	0	0
New Jersey	0	399	0	34	0	0	0
New York	0	79	0	22	0	0	0
Pennsylvania	0	0	0	6	0	0	0
East North Central	84	41	0	7	0	0	305
Illinois	84	354	0	28	0	0	0
Indiana	0	0	0	0	0	0	305
Michigan	0	732	0	6	0	0	0
Ohio	0	27	0	4	0	0	0
Wisconsin	0	256	0	8	0	0	0
West North Central	0	19	0	1	0	0	0
Iowa	0	0	0	3	0	0	0
Minnesota	0	19	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	1,195	0	0	0	0	0
South Atlantic	0	61	0	21	0	0	0
District of Columbia	0	2,401	0	42	0	0	0
Florida	0	0	0	82	0	0	0
Georgia	0	13	0	0	0	0	0
Maryland	0	0	0	14	0	0	0
North Carolina	0	461	0	65	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	32	0	0	0
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	32	0	0	0
West South Central	0	2,558	0	47	0	0	613
Arkansas	0	0	0	175	0	0	0
Louisiana	0	0	0	157	0	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	2,558	0	50	0	0	613
Mountain	0	687	0	16	0	0	88
Arizona	0	687	0	0	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	66	0	0	0
Utah	0	0	0	29	0	0	97
Pacific Contiguous	0	5	0	10	0	0	219
California	0	2	0	11	0	0	219
Oregon	0	284	0	10	0	0	0
Washington	0	0	0	0	0	0	0
Pacific Noncontiguous	22	6	0	0	0	0	51
Alaska	22	15	0	0	0	0	51
Hawaii	0	0	0	0	0	0	0
U.S. Total	18	20	0	7	0	0	43

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, November 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	70	3	0	0	8
Connecticut	0	0	0	123	123	0	0	28
Maine	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	86	3	0	0	9
New Hampshire	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	0	20	2	0	1	4
New Jersey	0	0	0	22	5	0	0	7
New York	0	0	0	66	2	0	1	7
Pennsylvania	0	0	0	102	4	0	0	2
East North Central	0	0	0	81	17	0	0	7
Illinois	0	0	0	197	166	0	0	27
Indiana	0	0	0	195	13	0	0	6
Michigan	0	0	0	366	1	0	0	5
Ohio	0	0	0	135	41	0	0	5
Wisconsin	0	0	0	142	40	0	0	14
West North Central	0	0	0	0	14	0	54	6
Iowa	0	0	0	0	48	0	0	3
Kansas	0	0	0	0	147	0	0	147
Minnesota	0	0	0	0	18	0	54	11
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	1,195
South Atlantic	0	0	0	24	3	0	0	6
Delaware	0	0	0	170	44	0	0	44
District of Columbia	0	0	0	0	0	0	0	27
Florida	0	0	0	115	1	0	0	8
Georgia	0	0	0	178	178	0	0	79
Maryland	0	0	0	63	63	0	0	14
North Carolina	0	0	0	27	27	0	0	39
South Carolina	0	0	0	0	0	0	0	0
Virginia	0	0	0	218	2	0	0	1
East South Central	0	0	0	121	121	0	0	32
Kentucky	0	0	0	231	231	0	0	231
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	141	141	0	0	32
West South Central	0	0	0	38	69	0	0	45
Arkansas	0	0	0	0	0	0	0	149
Louisiana	0	0	0	0	0	0	0	157
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	186	151	0	0	49
Mountain	0	0	0	32	20	0	0	15
Arizona	0	0	0	58	58	0	0	7
Colorado	0	0	0	86	86	0	0	48
Idaho	0	0	0	0	27	0	0	13
Nevada	0	0	0	40	40	0	0	15
New Mexico	0	0	0	0	377	0	0	65
Utah	0	0	0	0	0	0	0	36
Pacific Contiguous	0	0	0	20	6	0	0	6
California	0	0	0	20	6	0	0	7
Oregon	0	0	0	0	32	0	0	15
Washington	0	0	0	0	72	0	0	33
Pacific Noncontiguous	0	0	0	108	3	0	0	12
Alaska	0	0	0	0	0	0	0	26
Hawaii	0	0	0	108	4	0	0	2
U.S. Total	0	0	0	11	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 November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	34	0	18	0	0	0
Connecticut	0	453	0	29	0	0	0
Maine	0	0	0	0	0	0	0
Massachusetts	0	82	0	24	0	0	0
New Hampshire	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0
Middle Atlantic	0	64	0	16	0	0	0
New Jersey	0	399	0	34	0	0	0
New York	0	79	0	22	0	0	0
Pennsylvania	0	0	0	6	0	0	0
East North Central	84	41	0	7	0	0	305
Illinois	84	354	0	28	0	0	0
Indiana	0	0	0	0	0	0	305
Michigan	0	732	0	6	0	0	0
Ohio	0	27	0	4	0	0	0
Wisconsin	0	256	0	8	0	0	0
West North Central	0	19	0	1	0	0	0
Iowa	0	0	0	3	0	0	0
Minnesota	0	19	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	1,195	0	0	0	0	0
South Atlantic	0	61	0	21	0	0	0
District of Columbia	0	2,401	0	42	0	0	0
Florida	0	0	0	82	0	0	0
Georgia	0	13	0	0	0	0	0
Maryland	0	0	0	14	0	0	0
North Carolina	0	461	0	65	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	32	0	0	0
Mississippi	0	0	0	0	0	0	0
Tennessee	0	0	0	32	0	0	0
West South Central	0	2,558	0	47	0	0	613
Arkansas	0	0	0	175	0	0	0
Louisiana	0	0	0	157	0	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	2,558	0	50	0	0	613
Mountain	0	687	0	16	0	0	88
Arizona	0	687	0	0	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	66	0	0	0
Utah	0	0	0	29	0	0	97
Pacific Contiguous	0	5	0	10	0	0	219
California	0	2	0	11	0	0	219
Oregon	0	284	0	10	0	0	0
Washington	0	0	0	0	0	0	0
Pacific Noncontiguous	22	6	0	0	0	0	51
Alaska	22	15	0	0	0	0	51
Hawaii	0	0	0	0	0	0	0
U.S. Total	18	20	0	7	0	0	43

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 November 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	70	3	0	0	8
Connecticut	0	0	0	123	123	0	0	28
Maine	0	0	0	0	0	0	0	0
Massachusetts	0	0	0	86	3	0	0	9
New Hampshire	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0	0
Middle Atlantic	0	0	0	20	2	0	1	4
New Jersey	0	0	0	22	5	0	0	7
New York	0	0	0	66	2	0	1	7
Pennsylvania	0	0	0	102	4	0	0	2
East North Central	0	0	0	81	17	0	0	7
Illinois	0	0	0	197	166	0	0	27
Indiana	0	0	0	195	13	0	0	6
Michigan	0	0	0	366	1	0	0	5
Ohio	0	0	0	135	41	0	0	5
Wisconsin	0	0	0	142	40	0	0	14
West North Central	0	0	0	0	14	0	54	6
Iowa	0	0	0	0	48	0	0	3
Kansas	0	0	0	0	147	0	0	147
Minnesota	0	0	0	0	18	0	54	11
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	1,195
South Atlantic	0	0	0	24	3	0	0	6
Delaware	0	0	0	170	44	0	0	44
District of Columbia	0	0	0	0	0	0	0	27
Florida	0	0	0	115	1	0	0	8
Georgia	0	0	0	178	178	0	0	79
Maryland	0	0	0	63	63	0	0	14
North Carolina	0	0	0	27	27	0	0	39
South Carolina	0	0	0	0	0	0	0	0
Virginia	0	0	0	218	2	0	0	1
East South Central	0	0	0	121	121	0	0	32
Kentucky	0	0	0	231	231	0	0	231
Mississippi	0	0	0	0	0	0	0	0
Tennessee	0	0	0	141	141	0	0	32
West South Central	0	0	0	38	69	0	0	45
Arkansas	0	0	0	0	0	0	0	149
Louisiana	0	0	0	0	0	0	0	157
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	186	151	0	0	49
Mountain	0	0	0	32	20	0	0	15
Arizona	0	0	0	58	58	0	0	7
Colorado	0	0	0	86	86	0	0	48
Idaho	0	0	0	0	27	0	0	13
Nevada	0	0	0	40	40	0	0	15
New Mexico	0	0	0	0	377	0	0	65
Utah	0	0	0	0	0	0	0	36
Pacific Contiguous	0	0	0	20	6	0	0	6
California	0	0	0	20	6	0	0	7
Oregon	0	0	0	0	32	0	0	15
Washington	0	0	0	0	72	0	0	33
Pacific Noncontiguous	0	0	0	108	3	0	0	12
Alaska	0	0	0	0	0	0	0	26
Hawaii	0	0	0	108	4	0	0	2
U.S. Total	0	0	0	11	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, November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	3	0	13	0	0	82
Connecticut	0	0	0	16	0	0	0
Maine	0	3	0	37	0	0	82
Massachusetts	0	1,056	0	32	0	0	0
New Hampshire	0	0	0	0	0	0	0
Rhode Island	0	0	0	49	0	0	0
Middle Atlantic	0	20	0	6	32	0	57
New Jersey	0	0	0	12	0	0	0
New York	0	3	0	7	0	0	57
Pennsylvania	0	34	0	7	41	0	0
East North Central	3	305	0	7	17	0	26
Illinois	0	0	0	18	0	0	0
Indiana	0	1,514	0	17	22	0	0
Michigan	0	0	0	11	0	0	198
Ohio	0	0	0	15	0	0	0
Wisconsin	30	1,444	0	8	0	0	25
West North Central	3	10	0	8	0	0	0
Iowa	1	771	0	6	0	0	0
Kansas	0	0	0	28	0	0	0
Minnesota	29	0	0	13	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	7	0	0	0	0	0	0
North Dakota	35	0	0	0	0	0	0
South Dakota	0	0	0	49	0	0	0
South Atlantic	16	13	0	7	0	0	39
Delaware	0	0	0	0	0	0	0
Florida	0	77	0	20	0	0	0
Georgia	33	15	0	23	0	0	378
Maryland	0	0	0	19	0	0	0
North Carolina	24	56	0	46	0	0	699
South Carolina	0	0	0	22	0	0	0
Virginia	0	35	0	10	0	0	0
West Virginia	0	0	0	0	0	0	38
East South Central	0	38	0	11	0	0	0
Alabama	0	58	0	22	0	0	0
Kentucky	0	0	0	0	0	0	0
Mississippi	0	0	0	29	0	0	0
Tennessee	0	0	0	10	0	0	0
West South Central	0	23	0	2	7	0	0
Arkansas	0	889	0	55	0	0	0
Louisiana	0	0	0	3	9	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	7	0	3	8	0	0
Mountain	18	0	0	3	6	0	0
Colorado	0	0	0	0	0	0	0
Idaho	0	0	0	17	0	0	0
Montana	177	0	0	391	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	18	0	0	4	6	0	0
Pacific Contiguous	0	41	0	2	0	0	1,518
California	0	0	0	2	0	0	0
Oregon	0	0	0	16	0	0	0
Washington	0	62	0	2	0	0	1,518
Pacific Noncontiguous	0	3	0	0	0	0	71
Alaska	0	16	0	0	0	0	0
Hawaii	0	0	0	0	0	0	71
U.S. Total	2	6	0	2	6	0	24

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, November 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	80	7	0	0	8
Connecticut	0	0	0	130	130	0	0	16
Maine	0	0	0	0	7	0	0	10
Massachusetts	0	0	0	92	92	0	0	32
New Hampshire	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	49
Middle Atlantic	0	0	0	60	9	0	0	5
New Jersey	0	0	0	123	123	0	0	9
New York	0	0	0	91	20	0	0	7
Pennsylvania	0	0	0	102	9	0	0	7
East North Central	0	0	0	114	7	0	0	5
Illinois	0	0	0	247	247	0	0	7
Indiana	0	0	0	0	29	0	0	11
Michigan	0	0	0	0	10	0	0	6
Ohio	0	0	0	0	18	0	0	8
Wisconsin	0	0	0	0	10	0	0	6
West North Central	0	0	0	45	4	0	0	3
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	163	0	0	27
Minnesota	0	0	0	45	4	0	0	5
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	6
North Dakota	0	0	0	0	0	0	0	26
South Dakota	0	0	0	0	90	0	0	43
South Atlantic	0	0	0	92	3	0	0	3
Delaware	0	0	0	169	59	0	0	1
Florida	0	0	0	159	7	0	0	8
Georgia	0	0	0	0	6	0	0	6
Maryland	0	0	0	0	0	0	0	19
North Carolina	0	0	0	0	8	0	0	8
South Carolina	0	0	0	123	5	0	0	5
Virginia	0	0	0	0	0	0	0	4
West Virginia	0	0	0	0	0	0	0	13
East South Central	0	0	0	0	4	0	0	5
Alabama	0	0	0	0	5	0	0	8
Kentucky	0	0	0	0	21	0	0	12
Mississippi	0	0	0	0	5	0	0	9
Tennessee	0	0	0	0	0	0	0	6
West South Central	0	0	0	83	5	0	2	2
Arkansas	0	0	0	153	8	0	0	11
Louisiana	0	0	0	0	7	0	0	3
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	97	13	0	4	2
Mountain	0	0	0	38	5	0	0	2
Arizona	0	0	0	51	51	0	0	51
Colorado	0	0	0	86	76	0	0	7
Idaho	0	0	0	164	1	0	0	5
Montana	0	0	0	214	25	0	0	38
Nevada	0	0	0	75	75	0	0	2
New Mexico	0	0	0	0	0	0	0	0
Utah	0	0	0	106	106	0	0	3
Wyoming	0	0	0	0	0	0	0	5
Pacific Contiguous	0	0	0	19	8	0	7	2
California	0	0	0	19	11	0	7	2
Oregon	0	0	0	0	15	0	0	13
Washington	0	0	0	0	13	0	0	5
Pacific Noncontiguous	0	0	0	0	0	0	0	15
Alaska	0	0	0	0	0	0	0	7
Hawaii	0	0	0	0	0	0	0	21
U.S. Total	0	0	0	15	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 November 2024

Census Region and State	Coal	Petroleum Liquids	Petroleum Coke	Natural Gas	Other Gases	Nuclear	Hydroelectric Conventional
New England	0	3	0	13	0	0	82
Connecticut	0	0	0	16	0	0	0
Maine	0	3	0	37	0	0	82
Massachusetts	0	1,056	0	32	0	0	0
New Hampshire	0	0	0	0	0	0	0
Rhode Island	0	0	0	49	0	0	0
Middle Atlantic	0	20	0	6	32	0	57
New Jersey	0	0	0	12	0	0	0
New York	0	3	0	7	0	0	57
Pennsylvania	0	34	0	7	41	0	0
East North Central	3	305	0	7	17	0	26
Illinois	0	0	0	18	0	0	0
Indiana	0	1,514	0	17	22	0	0
Michigan	0	0	0	11	0	0	198
Ohio	0	0	0	15	0	0	0
Wisconsin	30	1,444	0	8	0	0	25
West North Central	3	10	0	8	0	0	0
Iowa	1	771	0	6	0	0	0
Kansas	0	0	0	28	0	0	0
Minnesota	29	0	0	13	0	0	0
Missouri	0	0	0	0	0	0	0
Nebraska	7	0	0	0	0	0	0
North Dakota	35	0	0	0	0	0	0
South Dakota	0	0	0	49	0	0	0
South Atlantic	16	13	0	7	0	0	39
Delaware	0	0	0	0	0	0	0
Florida	0	77	0	20	0	0	0
Georgia	33	15	0	23	0	0	378
Maryland	0	0	0	19	0	0	0
North Carolina	24	56	0	46	0	0	699
South Carolina	0	0	0	22	0	0	0
Virginia	0	35	0	10	0	0	0
West Virginia	0	0	0	0	0	0	38
East South Central	0	38	0	11	0	0	0
Alabama	0	58	0	22	0	0	0
Kentucky	0	0	0	0	0	0	0
Mississippi	0	0	0	29	0	0	0
Tennessee	0	0	0	10	0	0	0
West South Central	0	23	0	2	7	0	0
Arkansas	0	889	0	55	0	0	0
Louisiana	0	0	0	3	9	0	0
Oklahoma	0	0	0	0	0	0	0
Texas	0	7	0	3	8	0	0
Mountain	18	0	0	3	6	0	0
Colorado	0	0	0	0	0	0	0
Idaho	0	0	0	17	0	0	0
Montana	177	0	0	391	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	18	0	0	4	6	0	0
Pacific Contiguous	0	41	0	2	0	0	1,518
California	0	0	0	2	0	0	0
Oregon	0	0	0	16	0	0	0
Washington	0	62	0	2	0	0	1,518
Pacific Noncontiguous	0	3	0	0	0	0	71
Alaska	0	16	0	0	0	0	0
Hawaii	0	0	0	0	0	0	71
U.S. Total	2	6	0	2	6	0	24

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 November 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	80	7	0	0	8
Connecticut	0	0	0	130	130	0	0	16
Maine	0	0	0	0	7	0	0	10
Massachusetts	0	0	0	92	92	0	0	32
New Hampshire	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	49
Middle Atlantic	0	0	0	60	9	0	0	5
New Jersey	0	0	0	123	123	0	0	9
New York	0	0	0	91	20	0	0	7
Pennsylvania	0	0	0	102	9	0	0	7
East North Central	0	0	0	114	7	0	0	5
Illinois	0	0	0	247	247	0	0	7
Indiana	0	0	0	0	29	0	0	11
Michigan	0	0	0	0	10	0	0	6
Ohio	0	0	0	0	18	0	0	8
Wisconsin	0	0	0	0	10	0	0	6
West North Central	0	0	0	45	4	0	0	3
Iowa	0	0	0	0	0	0	0	2
Kansas	0	0	0	0	163	0	0	27
Minnesota	0	0	0	45	4	0	0	5
Missouri	0	0	0	0	0	0	0	0
Nebraska	0	0	0	0	0	0	0	6
North Dakota	0	0	0	0	0	0	0	26
South Dakota	0	0	0	0	90	0	0	43
South Atlantic	0	0	0	92	3	0	0	3
Delaware	0	0	0	169	59	0	0	1
Florida	0	0	0	159	7	0	0	8
Georgia	0	0	0	0	6	0	0	6
Maryland	0	0	0	0	0	0	0	19
North Carolina	0	0	0	0	8	0	0	8
South Carolina	0	0	0	123	5	0	0	5
Virginia	0	0	0	0	0	0	0	4
West Virginia	0	0	0	0	0	0	0	13
East South Central	0	0	0	0	4	0	0	5
Alabama	0	0	0	0	5	0	0	8
Kentucky	0	0	0	0	21	0	0	12
Mississippi	0	0	0	0	5	0	0	9
Tennessee	0	0	0	0	0	0	0	6
West South Central	0	0	0	83	5	0	2	2
Arkansas	0	0	0	153	8	0	0	11
Louisiana	0	0	0	0	7	0	0	3
Oklahoma	0	0	0	0	0	0	0	0
Texas	0	0	0	97	13	0	4	2
Mountain	0	0	0	38	5	0	0	2
Arizona	0	0	0	51	51	0	0	51
Colorado	0	0	0	86	76	0	0	7
Idaho	0	0	0	164	1	0	0	5
Montana	0	0	0	214	25	0	0	38
Nevada	0	0	0	75	75	0	0	2
New Mexico	0	0	0	0	0	0	0	0
Utah	0	0	0	106	106	0	0	3
Wyoming	0	0	0	0	0	0	0	5
Pacific Contiguous	0	0	0	19	8	0	7	2
California	0	0	0	19	11	0	7	2
Oregon	0	0	0	0	15	0	0	13
Washington	0	0	0	0	13	0	0	5
Pacific Noncontiguous	0	0	0	0	0	0	0	15
Alaska	0	0	0	0	0	0	0	7
Hawaii	0	0	0	0	0	0	0	21
U.S. Total	0	0	0	15	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, November 2024

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1	1	2	0	1
Connecticut	1	1	3	0	1
Maine	1	1	1	0	1
Massachusetts	1	1	4	0	1
New Hampshire	1	1	2	0	1
Rhode Island	12	10	0	0	7
Vermont	6	4	7	0	3
Middle Atlantic	0	0	0	0	0
New Jersey	1	0	1	0	0
New York	1	0	1	0	0
Pennsylvania	1	0	0	0	0
East North Central	1	1	1	0	0
Illinois	1	1	1	0	0
Indiana	3	2	2	0	1
Michigan	1	4	2	0	2
Ohio	1	0	1	0	0
Wisconsin	1	8	3	0	3
West North Central	2	4	2	0	2
Iowa	2	15	3	0	4
Kansas	12	8	6	0	5
Minnesota	2	10	4	0	4
Missouri	3	2	5	0	2
Nebraska	2	11	5	0	5
North Dakota	2	6	3	0	3
South Dakota	3	18	7	0	7
South Atlantic	3	1	1	0	1
Delaware	3	1	6	0	2
District of Columbia	0	0	0	0	0
Florida	3	3	4	0	2
Georgia	8	4	3	0	4
Maryland	1	0	2	0	0
North Carolina	6	4	3	0	3
South Carolina	9	5	2	0	3
Virginia	5	1	4	0	2
West Virginia	1	1	0	0	0
East South Central	4	2	1	0	2
Alabama	9	7	2	0	4
Kentucky	4	2	3	0	2
Mississippi	13	9	4	0	5
Tennessee	3	2	3	0	1
West South Central	5	2	1	0	2
Arkansas	12	9	3	0	4
Louisiana	8	5	2	0	3
Oklahoma	11	5	3	0	4
Texas	5	2	1	0	2
Mountain	1	1	1	0	1
Arizona	1	0	2	0	1
Colorado	3	1	3	0	1
Idaho	1	9	3	0	3
Montana	2	15	4	0	5
Nevada	1	0	1	0	0
New Mexico	5	1	2	0	1
Utah	3	1	2	0	1
Wyoming	2	10	3	0	3
Pacific Contiguous	1	2	1	0	1
California	1	0	1	0	0
Oregon	1	8	4	0	3
Washington	1	8	5	0	3
Pacific Noncontiguous	1	9	2	0	3
Alaska	2	19	9	0	8
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.

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 November 2024

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1	0	1	0	0
Connecticut	1	1	2	0	1
Maine	2	1	1	0	1
Massachusetts	2	1	3	0	1
New Hampshire	1	1	1	0	1
Rhode Island	1	1	0	0	1
Vermont	8	4	4	0	4
Middle Atlantic	1	0	0	0	0
New Jersey	1	0	1	0	0
New York	1	0	1	0	0
Pennsylvania	1	0	0	0	0
East North Central	1	1	0	0	0
Illinois	2	1	1	0	1
Indiana	3	2	1	0	1
Michigan	0	3	1	0	1
Ohio	1	1	1	0	1
Wisconsin	0	5	2	0	2
West North Central	2	3	1	0	1
Iowa	1	10	2	0	3
Kansas	8	5	4	0	4
Minnesota	1	7	3	0	3
Missouri	3	1	3	0	2
Nebraska	1	9	3	0	3
North Dakota	1	5	2	0	2
South Dakota	1	13	5	0	5
South Atlantic	2	1	1	0	1
Delaware	3	1	4	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	0
North Carolina	5	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	6	3	0	4
Tennessee	3	2	2	0	1
West South Central	3	2	1	0	1
Arkansas	8	6	2	0	3
Louisiana	6	4	1	0	2
Oklahoma	7	4	2	0	3
Texas	3	2	1	0	1
Mountain	1	1	0	0	0
Arizona	1	0	1	0	0
Colorado	2	1	1	0	1
Idaho	0	7	1	0	2
Montana	1	11	3	0	3
Nevada	1	0	0	0	0
New Mexico	4	1	1	0	1
Utah	3	1	1	0	1
Wyoming	1	8	2	0	2
Pacific Contiguous	0	1	1	0	1
California	0	0	0	0	0
Oregon	0	6	3	0	2
Washington	0	6	3	0	2
Pacific Noncontiguous	0	7	2	0	3
Alaska	1	15	6	0	6
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, November 2024

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1	1	1	0	1
Connecticut	1	0	1	0	1
Maine	2	1	0	0	1
Massachusetts	2	0	2	0	1
New Hampshire	1	0	1	0	1
Rhode Island	12	14	0	0	8
Vermont	9	3	4	0	5
Middle Atlantic	1	0	0	0	0
New Jersey	1	0	1	0	1
New York	1	0	0	0	0
Pennsylvania	1	0	0	0	1
East North Central	1	0	0	0	1
Illinois	3	1	1	0	1
Indiana	6	2	1	0	2
Michigan	1	1	1	0	1
Ohio	2	0	1	0	1
Wisconsin	1	3	2	0	1
West North Central	3	2	1	0	2
Iowa	2	6	2	0	2
Kansas	20	5	5	0	8
Minnesota	2	4	3	0	2
Missouri	7	2	4	0	4
Nebraska	2	6	4	0	2
North Dakota	2	4	2	0	2
South Dakota	3	7	4	0	3
South Atlantic	4	1	1	0	2
Delaware	6	1	4	0	3
District of Columbia	0	0	0	0	0
Florida	5	1	4	0	3
Georgia	13	2	3	0	6
Maryland	2	0	1	0	1
North Carolina	9	2	3	0	5
South Carolina	14	3	2	0	7
Virginia	8	1	3	0	3
West Virginia	2	1	0	0	1
East South Central	6	1	1	0	3
Alabama	13	3	2	0	6
Kentucky	8	3	2	0	3
Mississippi	20	5	4	0	9
Tennessee	6	2	2	0	3
West South Central	7	2	1	0	3
Arkansas	19	5	3	0	8
Louisiana	14	3	2	0	6
Oklahoma	18	4	4	0	8
Texas	7	2	1	0	3
Mountain	2	1	2	0	1
Arizona	2	0	4	0	1
Colorado	5	1	6	0	2
Idaho	1	4	2	0	1
Montana	2	6	3	0	2
Nevada	2	0	2	0	1
New Mexico	8	2	6	0	3
Utah	6	1	4	0	3
Wyoming	2	5	2	0	2
Pacific Contiguous	0	4	3	0	2
California	0	4	3	0	2
Oregon	1	3	3	0	1
Washington	1	3	3	0	1
Pacific Noncontiguous	1	2	1	0	1
Alaska	2	7	4	0	3
Hawaii	0	0	0	0	0
U.S. Total	2	1	1	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.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 November 2024

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1	0	1	0	0
Connecticut	1	1	1	0	0
Maine	1	1	1	0	1
Massachusetts	1	1	1	0	1
New Hampshire	1	1	1	0	1
Rhode Island	1	2	0	0	1
Vermont	6	3	3	0	3
Middle Atlantic	0	0	0	0	0
New Jersey	1	0	1	0	0
New York	1	0	0	0	0
Pennsylvania	1	0	0	0	0
East North Central	1	0	0	0	0
Illinois	2	1	1	0	1
Indiana	3	2	1	0	1
Michigan	0	1	1	0	0
Ohio	1	1	0	0	1
Wisconsin	0	2	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	3	1	0	1
Missouri	3	2	2	0	2
Nebraska	1	4	2	0	2
North Dakota	1	3	1	0	1
South Dakota	1	6	2	0	2
South Atlantic	3	1	1	0	1
Delaware	3	1	3	0	2
District of Columbia	0	0	0	0	0
Florida	3	1	3	0	2
Georgia	7	2	2	0	4
Maryland	1	0	1	0	0
North Carolina	5	2	2	0	3
South Carolina	8	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	2	1	0	2
Mississippi	11	3	3	0	5
Tennessee	3	2	2	0	2
West South Central	3	1	1	0	2
Arkansas	9	3	2	0	5
Louisiana	8	2	1	0	3
Oklahoma	9	2	3	0	4
Texas	3	1	1	0	2
Mountain	1	0	1	0	0
Arizona	1	0	1	0	0
Colorado	3	1	2	0	1
Idaho	1	3	1	0	1
Montana	1	4	2	0	2
Nevada	1	0	0	0	0
New Mexico	4	1	2	0	2
Utah	3	1	1	0	1
Wyoming	1	4	1	0	1
Pacific Contiguous	0	0	0	0	0
California	0	0	0	0	0
Oregon	0	2	1	0	1
Washington	0	2	1	0	1
Pacific Noncontiguous	0	2	0	0	1
Alaska	1	5	3	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, November 2024

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

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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 November 2024

Census Region and State	Residential	Commercial	Industrial	Transportation	Total
New England	1	0	1	0	0
Connecticut	1	1	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	2	0	0	1
Vermont	9	5	5	0	4
Middle Atlantic	1	0	0	0	0
New Jersey	1	0	1	0	0
New York	1	0	1	0	0
Pennsylvania	1	0	0	0	0
East North Central	1	1	1	0	0
Illinois	2	1	1	0	1
Indiana	4	2	1	0	2
Michigan	0	3	1	0	1
Ohio	2	1	1	0	1
Wisconsin	0	5	2	0	2
West North Central	2	3	1	0	1
Iowa	1	11	2	0	3
Kansas	12	5	5	0	5
Minnesota	0	7	3	0	3
Missouri	4	2	3	0	2
Nebraska	1	9	3	0	3
North Dakota	1	5	2	0	2
South Dakota	1	13	5	0	5
South Atlantic	3	1	1	0	2
Delaware	4	2	4	0	2
District of Columbia	0	0	0	0	0
Florida	4	2	4	0	2
Georgia	8	3	3	0	4
Maryland	1	0	2	0	1
North Carolina	6	3	3	0	3
South Carolina	9	4	2	0	4
Virginia	5	1	3	0	2
West Virginia	1	1	0	0	1
East South Central	4	2	1	0	2
Alabama	9	5	2	0	4
Kentucky	5	3	2	0	2
Mississippi	13	7	4	0	6
Tennessee	4	2	3	0	2
West South Central	4	2	1	0	2
Arkansas	11	6	3	0	5
Louisiana	9	4	2	0	4
Oklahoma	10	4	3	0	5
Texas	4	2	1	0	2
Mountain	1	1	1	0	1
Arizona	1	0	1	0	1
Colorado	3	1	2	0	1
Idaho	0	7	1	0	2
Montana	1	11	3	0	3
Nevada	1	0	1	0	0
New Mexico	5	1	2	0	2
Utah	4	1	1	0	2
Wyoming	1	8	2	0	2
Pacific Contiguous	0	1	1	0	1
California	0	0	1	0	0
Oregon	0	6	3	0	2
Washington	0	6	3	0	2
Pacific Noncontiguous	0	7	2	0	3
Alaska	1	15	6	0	7
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, November 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	6.03	--	1.03
Connecticut	--	--	--	1.03
Maine	20.48	6.27	--	1.05
Massachusetts	--	--	--	1.03
New Hampshire	--	5.78	--	1.05
Rhode Island	--	--	--	1.03
Vermont	--	--	--	--
Middle Atlantic	16.47	6.16	--	1.04
New Jersey	--	--	--	1.03
New York	--	--	--	1.03
Pennsylvania	16.47	6.16	--	1.04
East North Central	20.49	5.79	27.68	1.05
Illinois	17.84	5.78	--	1.03
Indiana	22.32	5.77	--	1.05
Michigan	18.58	5.83	27.68	1.04
Ohio	24.90	5.78	--	1.06
Wisconsin	18.56	5.87	--	1.03
West North Central	16.50	5.78	--	1.05
Iowa	17.44	5.71	--	1.09
Kansas	17.80	5.78	--	1.01
Minnesota	18.07	5.88	--	1.08
Missouri	17.81	5.81	--	1.01
Nebraska	17.21	5.75	--	1.06
North Dakota	13.12	5.81	--	0.99
South Dakota	16.41	--	--	1.10
South Atlantic	23.88	5.89	--	1.03
Delaware	--	5.83	--	1.04
District of Columbia	--	--	--	--
Florida	23.23	5.64	--	1.02
Georgia	19.66	5.98	--	1.03
Maryland	26.31	5.74	--	1.04
North Carolina	24.69	5.80	--	1.04
South Carolina	24.44	5.93	--	1.03
Virginia	21.98	5.99	--	1.04
West Virginia	25.37	5.83	--	1.07
East South Central	20.45	5.82	--	1.03
Alabama	18.04	--	--	1.03
Kentucky	21.91	5.83	--	1.05
Mississippi	11.19	--	--	1.03
Tennessee	23.42	5.77	--	1.00
West South Central	16.36	5.86	--	1.02
Arkansas	17.69	5.90	--	1.02
Louisiana	19.06	--	--	1.03
Oklahoma	17.47	5.80	--	1.03
Texas	15.94	5.86	--	1.02
Mountain	18.37	5.80	--	1.04
Arizona	18.27	5.80	--	1.02
Colorado	18.62	--	--	1.08
Idaho	--	--	--	1.00
Montana	17.12	5.92	--	1.06
Nevada	19.08	5.85	--	1.05
New Mexico	18.03	--	--	1.01
Utah	21.79	5.80	--	1.05
Wyoming	17.27	5.78	--	1.06
Pacific Contiguous	17.52	5.76	--	1.05
California	19.52	--	--	1.03
Oregon	--	--	--	1.06
Washington	17.02	5.76	--	1.11
Pacific Noncontiguous	14.40	6.21	--	1.00
Alaska	14.40	5.60	--	1.00
Hawaii	--	6.22	--	--
U.S. Total	18.90	6.10	27.68	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, 2021 through 2023

Item	Mean Absolute Value of Percent Change Total (All Sectors)		
	2021	2022	2023
Net Generation			
Coal	0.17%	0.32%	0.13%
Petroleum Liquids	5.42%	4.20%	3.69%
Petroleum Coke	2.93%	5.15%	7.67%
Natural Gas	0.28%	0.42%	0.61%
Other Gases	2.35%	3.63%	6.29%
Hydroelectric	3.89%	3.74%	5.74%
Nuclear	0.22%	0.00%	0.07%
Other	0.89%	0.83%	0.72%
Total	0.33%	0.37%	0.46%
Consumption of Fossil Fuels for Electricity Generation			
Coal	0.17%	0.62%	0.16%
Petroleum Liquids	8.15%	4.38%	4.42%
Petroleum Coke	5.23%	6.99%	11.82%
Natural Gas	0.71%	0.47%	0.53%
Fuel Stocks for Electric Power Sector			
Coal	2.40%	0.58%	0.81%
Petroleum Liquids	5.16%	1.23%	2.53%
Petroleum Coke	0.48%	1.32%	1.58%
Sales of Electricity to Ultimate Customers			
Residential	0.40%	0.83%	0.32%
Commercial	0.29%	1.30%	2.41%
Industrial	1.39%	1.28%	1.87%
Transportation	0.92%	0.14%	0.91%
Total	0.31%	0.47%	0.34%
Revenue			
Residential	0.88%	1.37%	0.47%
Commercial	0.23%	0.29%	1.21%
Industrial	0.36%	0.54%	1.69%
Transportation	1.00%	0.91%	1.63%
Total	0.46%	0.64%	0.18%
Average Price of Electricity to Ultimate Customers			
Residential	0.47%	0.55%	0.29%
Commercial	0.50%	1.10%	1.19%
Industrial	1.17%	1.65%	0.46%
Transportation	0.61%	0.85%	0.75%
Total	0.77%	1.11%	0.42%
Receipt of Fossil Fuels			
Coal	1.20%	1.24%	1.14%
Petroleum Liquids	15.02%	11.38%	9.37%
Petroleum Coke	0.00%	0.00%	0.00%
Natural Gas	8.13%	7.88%	8.75%
Cost of Fossil Fuels			
Coal	0.21%	0.29%	0.46%
Petroleum Liquids	1.81%	0.50%	1.33%
Petroleum Coke	0.00%	0.00%	0.00%
Natural Gas	3.38%	0.35%	0.47%

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 cahnges.

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

Form EIA-826, 'Monthly Electric Sales and Revenue With State Distributions Report'; Form EIA-906, 'Power Plant Report;' Form EIA-920 'Combined Heat and Power Plant Report';

and Federal Energy Regulatory Commission, FERC Form 423, 'Monthly Report of Cost and Quality of Fuels for Electric Plants.'

Table C.3. Comparison of Preliminary Annual Data Versus Final Annual Data at the U.S. Level, 2021 through 2023

Item	2021			2022			2023		
	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	898,679	897,999	-0.08%	828,993	831,512	0.30%	675,264	675,115	-0.02%
Petroleum Liquids	11,315	11,663	3.07%	16,274	15,805	-2.88%	11,594	11,397	-1.70%
Petroleum Coke	7,467	7,511	0.58%	7,109	7,126	0.24%	4,878	4,836	-0.86%
Natural Gas	1,575,230	1,579,190	0.25%	1,689,465	1,687,065	-0.14%	1,802,062	1,806,063	0.22%
Other Gases	11,283	11,397	1.01%	11,884	11,722	-1.36%	11,451	11,778	2.86%
Hydroelectric	255,113	246,473	-3.39%	255,966	248,761	-2.81%	233,958	239,012	2.16%
Nuclear	778,152	779,645	0.19%	771,537	771,537	0.00%	775,347	774,873	-0.06%
Other	578,302	575,822	-0.43%	661,908	657,140	-0.72%	663,617	660,196	-0.52%
Total	4,115,540	4,109,699	-0.14%	4,243,136	4,230,668	-0.29%	4,178,171	4,183,271	0.12%
Consumption of Fossil Fuels for Electricity Generation									
Coal (1,000 tons)	500,592	500,367	-0.04%	468,779	471,576	0.60%	386,601	386,626	0.01%
Petroleum Liquids (1,000 barrels)	20,676	21,633	4.63%	29,207	28,760	-1.53%	20,712	21,336	3.01%
Petroleum Coke (1,000 tons)	2,940	3,070	4.41%	2,887	2,985	3.40%	1,848	2,028	9.74%
Natural Gas (1,000 Mcf)	11,550,818	11,502,569	-0.42%	12,384,883	12,384,086	-0.01%	13,223,128	13,244,813	0.16%
Fuel Stocks for Electric Power Sector									
Coal (1,000 tons)	94,654	91,884	-2.93%	89,963	88,861	-1.23%	131,426	133,253	1.39%
Petroleum Liquids (1,000 barrels)	23,446	26,002	10.90%	21,650	22,812	5.36%	22,812	24,402	6.97%
Petroleum Coke (1,000 tons)	302	302	0.00%	304	318	4.84%	428	427	-0.07%
Retail Sales (Million kWh)									
Residential	1,476,569	1,470,487	-0.41%	1,521,886	1,509,233	-0.83%	1,454,667	1,450,025	-0.32%
Commercial	1,324,782	1,328,439	0.28%	1,373,031	1,390,873	1.30%	1,374,922	1,408,109	2.41%
Industrial	986,797	1,000,613	1.40%	1,007,533	1,020,464	1.28%	1,024,949	1,009,256	-1.53%
Transportation	6,392	6,334	-0.90%	6,602	6,599	-0.05%	6,804	6,864	0.87%
Total	3,794,539	3,805,874	0.30%	3,909,053	3,927,169	0.46%	3,861,342	3,874,253	0.33%
Revenue (Million Dollars)									
Residential	202,632	200,834	-0.89%	230,174	226,990	-1.38%	232,463	231,993	-0.20%
Commercial	149,328	149,008	-0.21%	172,257	172,600	0.20%	175,231	177,342	1.20%
Industrial	71,682	71,835	0.21%	85,171	84,895	-0.32%	82,566	81,159	-1.70%
Transportation	653	646	-0.98%	770	765	-0.61%	864	877	1.46%
Total	424,295	422,323	-0.46%	488,371	485,249	-0.64%	491,124	491,370	0.05%
Average Retail Price (Cents/kWh)									
Residential	13.72	13.66	-0.48%	15.12	15.04	-0.56%	15.98	16.00	0.12%
Commercial	11.27	11.22	-0.49%	12.55	12.41	-1.09%	12.74	12.59	-1.18%
Industrial	7.26	7.18	-1.17%	8.45	8.32	-1.59%	8.06	8.04	-0.18%
Transportation	10.21	10.20	-0.09%	11.66	11.59	-0.56%	12.70	12.77	0.58%
Total	11.18	11.10	-0.76%	12.49	12.36	-1.10%	12.72	12.68	-0.28%
Receipt of Fossil Fuels									
Coal (1,000 tons)	456,033	461,477	1.19%	463,950	469,718	1.24%	426,470	431,375	1.15%
Petroleum Liquids (1,000 barrels)	14,198	16,302	14.82%	17,206	19,362	12.53%	16,746	18,341	9.52%
Petroleum Coke (1,000 tons)	2,296	2,296	0.00%	2,286	2,286	0.00%	1,450	1,450	0.00%
Natural Gas (1,000 Mcf)	10,688,997	11,578,254	8.32%	11,497,833	12,436,074	8.16%	12,143,774	13,237,380	9.01%
Cost of Fossil Fuels (Dollars per Million Btu)									
Coal (1,000 tons)	1.98	1.98	-0.26%	2.37	2.36	-0.32%	2.52	2.51	-0.36%
Petroleum Liquids (1,000 barrels)	14.50	14.71	1.42%	23.67	23.60	-0.32%	20.13	20.43	1.52%
Petroleum Coke (1,000 tons)	3.16	3.16	0.00%	4.35	4.35	0.00%	4.05	4.05	0.00%
Natural Gas (1,000 Mcf)	4.97	5.19	4.49%	7.23	7.22	-0.05%	3.36	3.36	-0.08%

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 kilowatthour is calculated by dividing revenue by sales. Totals may not equal sum of components because of independent rounding.

Percent changes refer to the difference between the preliminary data published in the Electric Power Monthly (EPM) and the final data published in the EPM. Values for 2023 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 - November 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
July	253,829	688,089	941,918
August	252,423	698,546	950,969
September	242,080	679,373	921,453
October	274,430	788,360	1,062,789
November	270,753	783,170	1,053,923
Year to Date			
2022	1,490,161	3,202,982	4,693,143
2023	1,935,280	4,883,756	6,819,035
2024	2,675,115	7,269,390	9,944,505

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 November 2024 and 2023 (Megawatthours)

Census Division	Monthly		Year to Date	
and State	November 2024	November 2023	November 2024	November 2023
New England	51,666	33,678	473,785	318,151
Connecticut	12,243	7,352	106,922	70,278
Maine	3,323	2,072	31,693	21,857
Massachusetts	26,184	18,567	245,514	167,461
New Hampshire	3,536	2,267	33,826	23,831
Rhode Island	2,604	1,518	23,141	15,736
Vermont	3,776	1,903	32,688	18,989
Middle Atlantic	132,390	76,591	1,106,461	683,557
New Jersey	41,901	25,908	364,162	231,974
New York	66,775	33,818	520,162	300,617
Pennsylvania	23,715	16,865	222,137	150,967
East North Central	87,754	59,388	819,388	556,974
Illinois	32,099	23,494	299,187	199,055
Indiana	10,355	6,432	96,267	55,827
Michigan	18,992	13,152	176,348	134,842
Ohio	17,762	10,956	170,249	112,816
Wisconsin	8,546	5,354	77,337	54,436
West North Central	36,713	24,474	322,676	224,222
Iowa	3,801	2,416	33,498	24,199
Kansas	3,904	2,457	36,180	24,985
Minnesota	14,784	9,798	124,618	84,706
Missouri	9,860	7,137	90,796	64,976
Nebraska	3,083	1,875	26,508	17,319
North Dakota	454	282	4,087	3,058
South Dakota	827	509	6,990	4,979
South Atlantic	177,145	115,474	1,638,407	1,044,625
Delaware	2,680	1,596	23,290	15,916
District of Columbia	2,017	1,646	24,720	17,403
Florida	73,439	45,278	670,260	408,389
Georgia	23,764	16,183	221,927	145,450
Maryland	24,131	15,768	217,808	135,878
North Carolina	21,032	14,301	199,219	128,131
South Carolina	5,642	3,801	54,349	39,035
Virginia	23,563	16,232	218,105	147,791
West Virginia	877	668	8,729	6,632
East South Central	19,081	12,236	182,442	123,302
Alabama	3,793	2,518	38,058	26,143
Kentucky	3,632	2,594	34,900	25,448
Mississippi	1,439	842	13,789	8,158
Tennessee	10,216	6,281	95,695	63,553
West South Central	84,077	48,573	769,712	465,068
Arkansas	2,014	1,115	17,949	11,566
Louisiana	2,669	1,724	25,809	16,584
Oklahoma	24,085	7,335	206,765	62,381
Texas	55,309	38,398	519,189	374,538
Mountain	98,288	61,935	889,334	599,210
Arizona	26,890	18,162	269,418	181,947
Colorado	36,546	20,237	306,208	191,758
Idaho	3,516	1,896	29,887	20,598
Montana	2,301	1,166	19,919	13,080
Nevada	12,211	8,930	122,093	87,044
New Mexico	3,529	2,235	29,495	22,322
Utah	12,875	9,056	108,308	79,125
Wyoming	421	254	4,006	3,336
Pacific Contiguous	359,766	276,208	3,678,700	2,753,431
California	301,015	230,897	3,124,203	2,334,817
Oregon	18,774	14,744	180,114	137,233
Washington	39,977	30,567	374,384	281,381
Pacific Noncontiguous	7,044	4,979	63,601	50,496
Alaska	903	420	8,227	6,131
Hawaii	6,141	4,559	55,374	44,365
U.S. Total	1,053,923	713,537	9,944,505	6,819,035

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	2023	2022	2021	2020	2019	2018
New England	356,732	247,568	156,907	124,522	87,619	62,275
Connecticut	78,735	55,516	35,242	28,468	20,941	15,563
Maine	24,418	17,022	10,355	7,661	5,206	3,786
Massachusetts	188,058	129,174	83,038	66,194	45,385	31,226
New Hampshire	26,624	18,537	11,380	8,975	6,329	4,445
Rhode Island	17,479	11,415	6,828	5,027	3,617	2,607
Vermont	21,418	15,903	10,063	8,198	6,141	4,648
Middle Atlantic	766,430	511,312	305,618	240,008	172,717	119,930
New Jersey	260,453	167,728	95,579	73,052	49,392	33,718
New York	337,367	230,830	142,969	114,569	85,905	58,910
Pennsylvania	168,609	112,754	67,071	52,387	37,421	27,302
East North Central	623,240	443,486	272,690	221,420	162,974	130,271
Illinois	223,923	155,476	95,944	78,963	55,586	42,290
Indiana	63,787	46,143	28,899	22,944	16,430	12,856
Michigan	149,546	103,090	59,039	47,696	37,680	33,812
Ohio	125,018	93,594	59,898	47,269	33,822	25,426
Wisconsin	60,966	45,183	28,909	24,547	19,456	15,888
West North Central	251,580	178,067	109,121	86,650	62,614	45,346
Iowa	27,145	20,359	12,599	10,043	7,210	5,495
Kansas	28,083	20,551	13,163	10,578	7,468	5,685
Minnesota	94,821	68,282	42,451	33,074	24,600	16,902
Missouri	72,863	48,607	29,129	23,768	16,757	12,425
Nebraska	19,616	13,922	8,170	6,353	4,463	3,306
North Dakota	3,465	2,410	1,333	1,060	815	576
South Dakota	5,588	3,936	2,277	1,774	1,302	957
South Atlantic	1,174,938	781,219	483,500	363,587	241,810	182,531
Delaware	17,711	12,472	7,815	5,765	3,881	2,825
District of Columbia	19,461	14,359	9,203	6,863	4,355	3,015
Florida	458,767	300,409	180,482	132,187	83,061	61,910
Georgia	162,878	109,140	70,714	57,870	43,959	37,063
Maryland	153,162	105,830	69,024	52,157	34,437	25,261
North Carolina	144,639	96,155	58,614	44,077	28,804	21,435
South Carolina	43,502	28,214	16,722	11,979	7,954	6,319
Virginia	167,437	109,677	67,835	50,335	33,766	23,453
West Virginia	7,381	4,962	3,091	2,354	1,593	1,250
East South Central	137,687	96,019	57,719	44,832	29,805	22,830
Alabama	29,269	19,921	11,645	9,167	6,321	4,801
Kentucky	28,204	19,950	11,972	9,538	6,292	4,997
Mississippi	9,130	6,124	3,540	2,432	1,675	1,273
Tennessee	71,084	50,024	30,562	23,695	15,517	11,760
West South Central	521,609	331,944	189,618	140,531	94,763	74,670
Arkansas	12,882	9,387	5,313	3,476	2,810	2,006
Louisiana	18,642	12,344	7,131	5,109	3,839	2,769
Oklahoma	73,058	41,919	20,903	10,884	9,186	6,381
Texas	417,027	268,294	156,271	121,063	78,929	63,514
Mountain	668,065	446,133	282,179	223,479	150,481	106,703
Arizona	201,106	136,374	92,775	73,474	48,110	34,678
Colorado	214,932	140,759	89,198	72,552	50,374	33,339
Idaho	22,991	16,087	9,212	7,098	4,734	3,769
Montana	14,764	9,656	5,098	3,543	2,570	1,895
Nevada	96,444	62,519	37,331	27,848	17,726	13,136
New Mexico	25,100	16,709	10,263	7,858	5,396	4,066
Utah	89,080	61,396	36,719	29,963	20,757	15,215
Wyoming	3,647	2,634	1,583	1,143	814	606
Pacific Contiguous	3,038,984	2,173,282	1,629,783	1,427,814	1,037,850	821,296
California	2,577,982	1,846,171	1,403,840	1,232,482	901,134	713,974
Oregon	152,279	110,881	76,083	62,702	43,421	34,450
Washington	308,724	216,230	149,860	132,630	93,295	72,872
Pacific Noncontiguous	56,248	42,751	31,662	27,457	19,241	15,854
Alaska	6,921	5,035	3,473	2,882	1,815	1,635
Hawaii	49,328	37,717	28,189	24,575	17,426	14,219
U.S. Total	7,595,513	5,251,782	3,518,797	2,900,300	2,059,875	1,581,706

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](https://www.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:

$$EV\ stocks_{s,m,np,my} = EV\ registrations_{s,m_0,np,my} + \sum_{m_t=m_0+1}^m (EV\ sales_{m_t,np,my} * sales\ state\ allocation_{s,m_l})$$

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

$sales\ state\ allocation_{s,m_l}$ is the share of total new EV registrations in state s in the most recently available new EV registration data month m_l

Sales state allocation shares are calculated as follows:

$$sales\ state\ allocation_{s,m_l} = \frac{new\ EV\ registrations_{s,m_l}}{\sum_{s=1}^S new\ EV\ registrations_{s,m_l}}$$

where:

$new\ EV\ registrations_{s,m_l}$ is the number of new EVs registered by state s in the most recently available new EV registration data month m_l

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:

$$eV\ kWh_{s,m,np,my} = \sum_{d=1}^{D_m} (weather\ correction_{s,d} * kWh_per_mile_{np,my} * avg.eVMT_{s,m,np,my}/D_m)$$

where:

$weather\ correction_{s,d}$ 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:

$$\begin{aligned} avg.eVMT_{s,m,np,my} &= adjusted\ avg.VMT_{s,m_r,np,my} * current\ month\ adjustment_{s,m} \\ &\quad * utility\ factor_{np,my} \end{aligned}$$

with m_r being the same calendar month as m but in the most recent EV odometer data year

where:

$adjusted\ avg.VMT_{s,m_r,np,ny}$ 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

$current\ month\ adjustment_{s,m}$ 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

$utility\ factor_{np,my}$ 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.

$$\begin{aligned} & \text{adjusted avg. } VMT_{s,m_r,np,my} \\ &= \text{avg. } VMT_{cd,y_r,pt} * \left(\frac{\text{all } VMT_{s,m_r}}{\sum_{m_r \in y_r} \text{all } VMT_{s,m_r}} \right), \forall [s \in cd \ \& \ (np, my) \in pt] \end{aligned}$$

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).

$$\begin{aligned} & \text{current month adjustment}_{s,m} \\ &= \prod_{m_j=(m_r+n*12 \ (n=0,1,2...\frac{(m-m_r)}{12}-1))}^{(m-12)} 1 + \frac{(\text{all } VMT_{s,m_{j+12}} - \text{all } VMT_{s,m_j})}{\text{all } VMT_{s,m_j}} \end{aligned}$$

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

- Form EIA 861, “Annual Electric Power Industry Report.”

For access to these forms and their instructions, please see:

<http://www.eia.gov/cneaf/electricity/page/forms.html>.

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

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

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

<http://www.eia.gov/electricity/annual>.

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

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

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

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

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

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
Nuclear	NUC	Nuclear (including Uranium, Plutonium, and Thorium)
Hydroelectric Conventional	WAT (Prime Mover = HY)	Water at a Conventional Hydroelectric Turbine, and water used in Wave Buoy Hydrokinetic Technology, Current Hydrokinetic Technology, and Tidal Hydrokinetic Technology
Hydroelectric Pumped Storage	WAT (Prime Mover = PS)	Pumping Energy for Reversible (Pumped Storage) Hydroelectric Turbine
Wood and Wood-Derived Fuels	WDS	Wood/Wood Waste Solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids)
	WDL	Wood Waste Liquids (excluding Black Liquor but including red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids)
	BLQ	Black Liquor
Other Biomass	AB	Agricultural By-Products
	MSW	Municipal Solid Waste
	OBG	Other Biomass Gas (including digester gas, methane, and other biomass gases)
	OBL	Other Biomass Liquids
	OBS	Other Biomass Solids
	LFG	Landfill Gas
	SLW	Sludge Waste
	SUN	Solar (including solar thermal)
Other Renewable Energy Sources	WND	Wind
Other Energy Sources	GEO	Geothermal
	PUR	Purchased Steam
	WH	Waste heat not directly attributed to a fuel source
	TDF	Tire-Derived Fuels
	MWH	Electricity used for energy storage

OTH	Other
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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

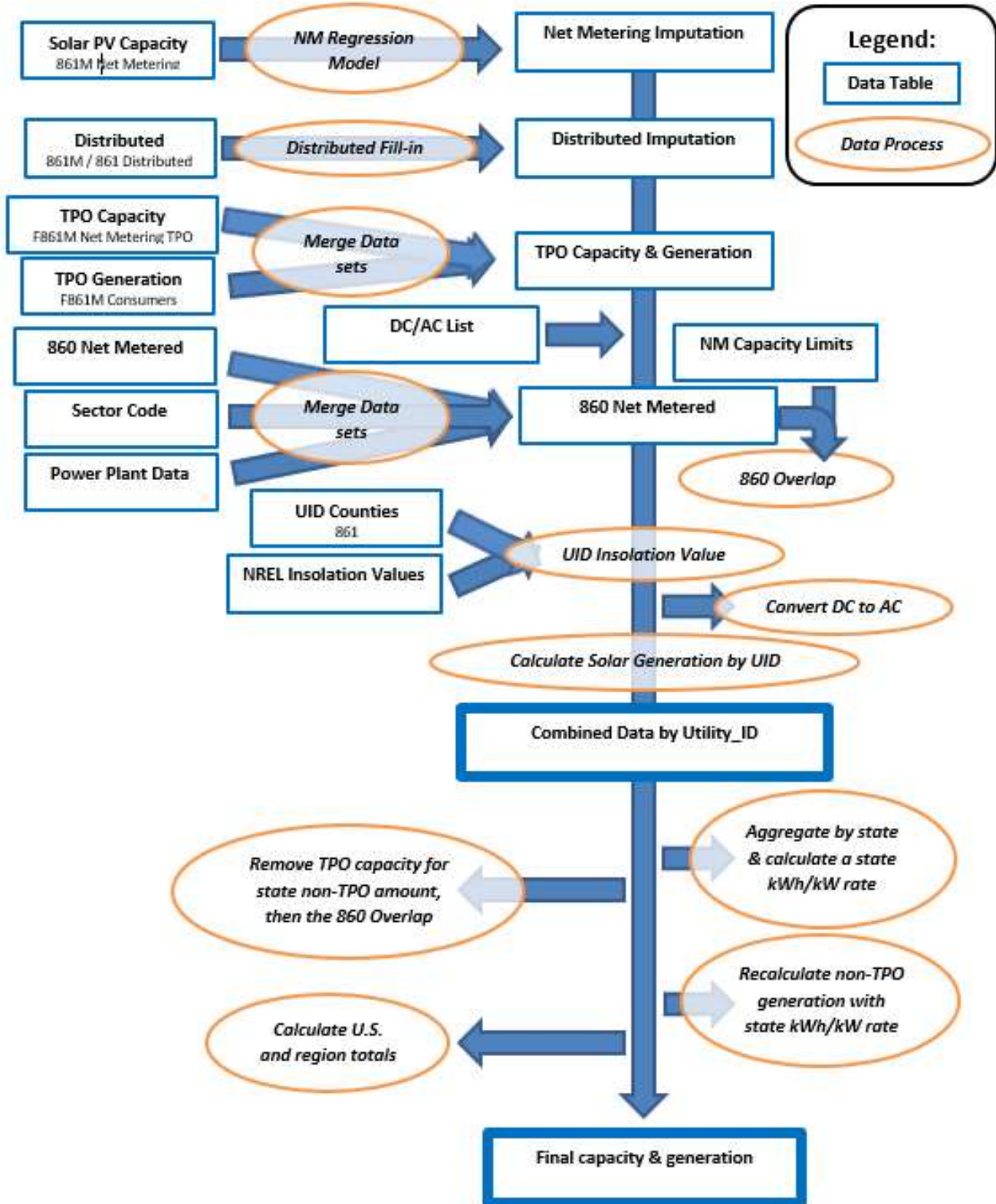
TMY3 (1991-2005) Weather Stations by MSA

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 McAllen 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 Worcester 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.