

Chapter 3

Fossil-Fuel Stocks for Electricity Generation

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Table 3.1 Stocks of Coal, Petroleum Liquids, and Petroleum Coke Electric Power Sector, 2010 - September 2020

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									
2010	174,917	34,841	1,019	143,744	23,934	850	31,173	10,908	168
2011	172,387	33,742	508	142,103	24,544	404	30,284	9,198	104
2012	185,116	30,862	495	150,942	22,513	414	34,174	8,349	81
2013	147,884	30,387	390	120,792	21,208	303	27,092	9,179	86
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	128,180	25,960	471	104,274	16,435	428	23,906	9,525	43
Year 2018, End of Month Stocks									
January	123,235	25,853	720	103,761	17,653	579	19,474	8,200	141
February	120,526	26,831	692	101,532	18,213	561	18,994	8,618	131
March	126,008	26,703	736	106,377	18,301	612	19,631	8,462	124
April	128,571	26,608	731	107,870	18,236	647	20,701	8,372	84
May	127,982	26,794	709	107,176	18,315	648	20,806	8,479	61
June	121,041	26,494	591	101,498	17,964	526	19,544	8,630	65
July	110,348	25,917	668	93,099	17,412	614	17,249	8,500	53
August	103,744	24,815	625	87,944	16,602	580	15,800	8,213	45
Sept	100,384	24,595	808	84,696	16,378	557	15,688	8,217	51
October	104,855	24,591	541	87,394	16,183	511	17,461	8,409	30
November	104,075	24,720	557	86,752	16,114	540	17,823	8,606	16
December	102,793	25,977	539	84,728	16,553	521	18,065	9,423	19
Year 2019, End of Month Stocks									
January	99,147	25,791	528	81,553	16,464	518	17,594	9,327	9
February	98,639	26,154	505	81,173	16,781	494	17,466	9,373	11
March	95,933	26,202	503	79,485	16,870	482	17,449	9,332	21
April	108,089	26,330	513	88,215	16,994	500	19,873	9,336	13
May	115,712	26,407	444	93,476	17,063	434	22,237	9,344	10
June	116,876	26,185	388	93,767	16,882	381	23,108	9,323	7
July	110,672	25,827	354	89,504	16,598	347	21,168	9,730	8
August	110,778	25,208	380	89,054	16,128	372	21,224	9,080	8
Sept	110,626	25,448	292	88,630	16,352	281	20,995	9,096	11
October	118,574	25,413	292	96,205	16,359	277	22,369	9,055	16
November	122,364	25,720	464	99,470	16,480	407	22,894	9,240	57
December	128,180	25,960	471	104,274	16,435	428	23,906	9,525	43
Year 2020, End of Month Stocks									
January	134,364	25,125	508	108,457	16,015	503	25,907	9,110	5
February	139,299	25,000	600	112,181	15,956	584	27,118	9,045	16
March	145,238	25,336	541	116,516	16,285	527	28,722	9,051	14
April	151,744	25,401	541	122,175	16,289	525	29,569	9,111	17
May	154,058	25,552	529	123,768	16,309	518	30,290	9,243	11
June	150,427	25,573	480	120,432	16,180	471	29,995	9,393	9
July	137,907	26,258	445	110,524	16,265	426	27,383	9,993	19
August	129,688	25,245	407	104,205	16,021	400	25,483	9,723	6
Sept	128,102	25,744	415	103,184	15,789	400	25,918	9,955	15

Notes See Glossary for definitions Values for 2019 and prior years are final Values for 2020 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

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Table 3.2 Stocks of Coal, Petroleum Liquids, and Petroleum Coke:
Electric Power Sector, by State, September 2020 and 2019

Census Division and State	Coal (Thousand Tons)			Petroleum Liquids (Thousand Barrels)			Petroleum Coke (Thousand Tons)		
	September 2020	September 2019	Percentage Change	September 2020	September 2019	Percentage Change	September 2020	September 2019	Percentage Change
New England	W	461	W	3,698	3,362	10.0%	0	0	--
Connecticut	W	W	W	1,289	1,194	7.9%	0	0	--
Maine	0	0	--	322	233	38.1%	0	0	--
Massachusetts	0	0	--	1,450	1,339	8.3%	0	0	--
New Hampshire	W	W	W	392	355	10.5%	0	0	--
Rhode Island	0	0	--	220	203	8.2%	0	0	--
Vermont	0	0	--	25	38	36.0%	0	0	--
Middle Atlantic	3,683	4,225	-12.8%	5,131	5,207	-1.5%	0	0	--
New Jersey	W	W	W	758	632	19.9%	0	0	--
New York	0	W	W	2,997	3,202	-6.4%	0	0	--
Pennsylvania	W	4,098	W	1,376	1,374	0.2%	0	0	--
East North Central	31,569	24,064	31.2%	1,662	1,049	58.5%	W	83	W
Illinois	6,022	4,441	35.6%	74	75	-1.9%	0	0	--
Indiana	10,264	7,066	45.3%	115	75	53.4%	0	W	W
Michigan	4,940	3,967	24.5%	258	247	4.5%	W	W	W
Ohio	7,080	5,119	38.3%	485	453	6.9%	0	0	--
Wisconsin	3,264	3,472	-6.0%	731	198	269.4%	W	W	W
West North Central	25,382	19,130	32.7%	794	837	-5.1%	0	0	--
Iowa	6,675	3,433	94.4%	109	130	-16.2%	0	0	--
Kansas	3,591	2,562	40.2%	134	111	21.4%	0	0	--
Minnesota	2,902	3,909	-25.8%	97	107	-9.4%	0	0	--
Missouri	7,718	5,621	37.3%	298	310	-4.0%	0	0	--
Nebraska	2,878	2,264	27.1%	78	98	-20.8%	0	0	--
North Dakota	W	W	W	33	27	24.3%	0	0	--
South Dakota	W	W	W	45	54	-15.9%	0	0	--
South Atlantic	18,831	19,913	-5.4%	10,417	10,594	-1.7%	W	W	W
Delaware	W	W	W	524	517	1.3%	0	0	--
District of Columbia	0	0	--	0	0	--	0	0	--
Florida	1,980	2,780	-28.8%	3,810	3,943	-3.4%	W	W	W
Georgia	4,605	4,093	12.5%	935	831	12.5%	0	0	--
Maryland	1,326	1,463	-9.3%	698	687	1.5%	0	0	--
North Carolina	2,971	3,116	-4.7%	1,266	1,243	1.9%	0	0	--
South Carolina	1,572	2,461	-36.1%	704	705	-0.1%	0	0	--
Virginia	W	W	W	2,323	2,514	-7.6%	0	0	--
West Virginia	5,602	4,865	15.2%	157	154	2.1%	W	W	W
East South Central	9,715	10,595	-8.3%	1,178	1,167	0.9%	0	0	--
Alabama	2,858	W	W	210	210	0.2%	0	0	--
Kentucky	4,817	5,571	-13.5%	220	218	0.5%	0	0	--
Mississippi	W	W	W	6	30	-79.3%	0	0	--
Tennessee	W	2,560	W	742	710	4.6%	0	0	--
West South Central	19,719	14,730	33.9%	1,253	1,247	0.5%	W	W	W
Arkansas	3,518	3,377	4.2%	175	165	6.0%	0	0	--
Louisiana	3,405	2,319	46.8%	215	203	5.6%	W	W	W
Oklahoma	2,797	2,341	19.5%	105	98	7.2%	0	0	--
Texas	9,999	6,893	49.4%	758	780	-2.8%	0	0	--
Mountain	18,421	16,106	14.4%	366	375	-2.5%	W	W	W
Arizona	3,600	2,943	22.3%	113	134	-15.4%	0	0	--
Colorado	3,318	3,895	-14.8%	131	120	9.0%	0	0	--
Idaho	0	0	--	0	0	-33.1%	0	0	--
Montana	W	W	W	16	16	0.5%	W	W	W
Nevada	W	W	W	3	3	-1.3%	0	0	--
New Mexico	W	W	W	13	34	-61.1%	0	0	--
Utah	4,617	3,005	53.6%	42	40	4.7%	0	0	--
Wyoming	5,144	3,877	32.7%	48	29	65.6%	0	0	--
Pacific Contiguous	W	W	W	360	356	1.0%	0	0	--
California	0	0	--	195	179	9.3%	0	0	--
Oregon	W	W	W	72	76	-5.2%	0	0	--
Washington	W	W	W	92	102	-9.0%	0	0	--
Pacific Noncontiguous	W	W	W	884	1,253	-29.4%	0	0	--
Alaska	0	W	W	77	244	-68.5%	0	0	--
Hawaii	W	W	W	808	1,009	-20.0%	0	0	--
U.S. Total	129,102	110,626	16.7%	25,744	25,448	1.2%	415	292	42.0%

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 2020 are preliminary. Values for 2019 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 Division, September 2020 and 2019

Census Division	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2020	September 2019	Percentage Change	September 2020	September 2019	September 2020	September 2019
Coal (Thousand Tons)							
New England	W	461	W	W	W	W	W
Middle Atlantic	3,683	4,225	-12.8%	W	0	W	4,225
East North Central	31,569	24,064	31.2%	19,565	15,513	12,004	8,551
West North Central	25,382	19,130	32.7%	25,382	19,130	0	0
South Atlantic	18,831	19,913	-5.4%	16,765	17,546	2,066	2,368
East South Central	9,715	10,595	-8.3%	9,715	10,595	0	0
West South Central	19,719	14,730	33.9%	13,571	10,927	6,148	3,803
Mountain	18,421	16,106	14.4%	W	W	W	W
Pacific Contiguous	W	W	W	W	W	W	W
Pacific Noncontiguous	W	W	W	0	W	W	W
U.S. Total	129,102	110,626	16.7%	103,184	89,630	25,918	20,995
Petroleum Liquids (Thousand Barrels)							
New England	3,698	3,362	10.0%	519	502	3,179	2,860
Middle Atlantic	5,131	5,207	-1.5%	1,978	1,961	3,153	3,246
East North Central	1,662	1,049	58.5%	685	650	977	398
West North Central	794	837	-5.1%	769	808	25	29
South Atlantic	10,417	10,594	-1.7%	8,248	8,490	2,169	2,105
East South Central	1,178	1,167	0.9%	1,086	1,077	92	91
West South Central	1,253	1,247	0.5%	1,059	1,021	195	226
Mountain	366	375	-2.5%	336	346	30	29
Pacific Contiguous	360	356	1.0%	259	275	100	81
Pacific Noncontiguous	884	1,253	-29.4%	849	1,223	35	30
U.S. Total	25,744	25,448	1.2%	15,789	16,352	9,955	9,096
Petroleum Coke (Thousand Tons)							
New England	0	0	--	0	0	0	0
Middle Atlantic	0	0	--	0	0	0	0
East North Central	W	83	W	W	83	0	0
West North Central	0	0	--	0	0	0	0
South Atlantic	W	W	W	W	W	W	W
East South Central	0	0	--	0	0	0	0
West South Central	W	W	W	W	W	0	0
Mountain	W	W	W	0	0	W	W
Pacific Contiguous	0	0	--	0	0	0	0
Pacific Noncontiguous	0	0	--	0	0	0	0
U.S. Total	415	292	42.0%	W	281	W	11

W = Withheld to avoid disclosure of individual company data.

Notes: See Glossary for definitions. Values for 2020 are preliminary. Values for 2019 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, 2010 - September 2020
(Thousand Tons)

Period	Electric Power Sector			
	Bituminous Coal	Subbituminous Coal	Lignite Coal	Total
End of Year Stocks				
2010	81,108	86,915	6,894	174,917
2011	82,056	85,151	5,179	172,387
2012	86,437	93,833	4,846	185,116
2013	73,113	69,720	5,051	147,884
2014	72,771	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	54,844	69,932	3,124	128,180
Year 2018, End of Month Stocks				
January	47,910	72,251	3,074	123,235
February	47,658	69,960	2,909	120,526
March	49,027	73,768	3,213	126,008
April	50,499	74,747	3,324	128,571
May	51,393	73,377	3,212	127,982
June	48,411	69,439	3,191	121,041
July	44,487	63,014	2,847	110,348
August	42,359	58,570	2,816	103,744
Sept	40,384	57,155	2,845	100,384
October	42,588	59,252	3,016	104,855
November	42,392	58,575	3,108	104,075
December	41,507	58,247	3,039	102,793
Year 2019, End of Month Stocks				
January	39,895	56,368	2,883	99,147
February	41,236	54,665	2,738	98,639
March	44,239	49,467	3,054	96,933
April	48,925	55,808	3,344	108,089
May	51,973	60,325	3,023	115,712
June	53,694	60,293	2,551	116,876
July	50,058	57,591	2,670	110,672
August	49,612	57,932	2,409	110,278
Sept	48,837	59,055	2,395	110,626
October	51,574	64,043	2,590	118,574
November	52,623	66,443	2,959	122,364
December	54,844	69,932	3,124	128,180
Year 2020, End of Month Stocks				
January	56,274	74,515	3,307	134,364
February	57,232	78,589	3,235	139,299
March	59,841	81,506	3,624	145,238
April	61,835	85,663	3,947	151,744
May	61,500	88,072	4,117	154,058
June	59,364	86,587	4,140	150,427
July	53,713	79,606	4,264	137,907
August	50,755	74,335	4,338	129,688
Sept	50,268	74,558	4,070	129,102

Notes See Glossary for definitions

Values for 2019 and prior years are final Values for 2020 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

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Table 4.1 Receipts, Average Cost, and Quality of Fossil Fuels Total (All Sectors), 2010 - September 2020

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												
2010	19,289,661	979,918	2.27	44.64	1.16	97.9	275,058	45,472	14.02	84.80	0.51	101.1
2011	18,675,843	956,538	2.39	46.65	1.19	100.0	216,752	36,158	19.94	119.54	0.60	116.1
2012	16,265,578	841,183	2.38	46.09	1.25	99.5	116,937	19,464	21.85	131.28	0.51	75.7
2013	15,906,809	823,222	2.34	45.33	1.29	93.7	123,964	20,413	20.56	124.90	0.46	76.5
2014	16,594,722	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
Year 2018												
January	955,176	50,541	2.06	39.01	1.24	76.3	35,958	6,008	14.02	84.17	0.47	59.1
February	852,358	44,837	2.07	39.27	1.27	95.2	12,093	1,993	12.79	77.72	0.47	122.2
March	941,236	48,946	2.04	39.20	1.34	107.0	7,979	1,331	13.56	81.30	0.42	80.5
April	816,396	42,555	2.07	39.66	1.33	102.3	6,902	1,141	13.90	84.04	0.41	65.7
May	892,542	46,186	2.04	39.50	1.38	95.5	9,619	1,591	14.40	87.12	0.34	79.2
June	830,650	48,563	2.04	39.14	1.36	85.0	9,287	1,546	14.96	89.81	0.33	75.2
July	989,524	52,065	2.05	38.98	1.29	80.2	7,532	1,244	14.74	89.24	0.33	65.2
August	1,076,062	56,499	2.06	39.16	1.31	87.2	7,016	1,163	15.41	92.94	0.38	57.8
Sept	943,820	49,892	2.05	38.76	1.25	90.8	7,903	1,316	15.42	92.57	0.38	66.0
October	1,000,010	52,357	2.04	39.05	1.36	106.0	9,389	1,556	15.77	95.13	0.42	77.7
November	954,234	50,315	2.06	39.02	1.32	95.2	8,917	1,494	15.87	94.65	0.46	73.7
December	1,019,110	53,461	2.11	40.25	1.30	94.0	11,474	1,908	13.96	83.90	0.47	94.1
Year 2019												
January	1,010,158	52,809	2.10	40.15	1.32	92.4	8,961	1,486	12.46	75.19	0.46	51.0
February	853,344	44,826	2.07	39.38	1.27	97.1	9,019	1,483	13.25	80.59	0.48	88.4
March	827,252	42,436	2.08	40.49	1.50	94.1	7,697	1,277	14.44	87.07	0.47	78.1
April	874,686	45,147	2.07	40.03	1.37	131.4	7,083	1,175	14.87	89.62	0.52	75.3
May	896,817	46,301	2.05	39.76	1.38	113.1	6,759	1,125	14.51	87.20	0.50	58.3
June	873,807	45,367	2.03	39.03	1.35	100.4	6,883	1,145	13.70	82.32	0.49	61.5
July	945,182	49,535	2.02	38.54	1.28	87.2	5,943	993	13.80	82.63	0.48	51.5
August	986,319	51,507	2.00	38.30	1.26	96.6	5,217	878	14.25	84.70	0.51	44.1
Sept	895,606	46,816	1.96	37.47	1.27	97.3	8,345	1,376	12.64	76.68	0.48	76.2
October	875,036	45,699	1.96	37.48	1.27	119.0	6,806	1,129	13.72	82.68	0.50	61.1
November	851,748	44,843	1.96	37.27	1.26	104.5	7,994	1,316	13.02	79.10	0.49	70.2
December	856,036	44,867	1.91	36.50	1.25	108.0	7,954	1,328	13.64	81.73	0.49	67.3
Year 2020												
January	814,248	42,959	1.94	36.79	1.25	113.6	5,342	895	13.86	82.71	0.53	46.8
February	692,114	36,715	1.91	35.97	1.27	111.1	6,581	1,090	13.05	78.77	0.49	69.7
March	659,206	34,712	1.94	36.77	1.33	116.1	6,712	1,111	10.48	63.31	0.51	75.0
April	562,898	30,023	1.93	36.17	1.25	122.9	4,231	715	8.48	50.24	0.52	55.6
May	536,562	28,899	1.90	35.22	1.15	104.5	6,466	1,090	6.52	38.69	0.50	77.4
June	621,590	32,837	1.91	36.14	1.29	87.8	6,761	1,123	7.24	43.60	0.48	66.4
July	710,166	37,392	1.91	36.34	1.30	73.7	7,035	1,166	8.50	51.29	0.48	62.1
August	775,036	40,533	1.90	36.34	1.29	79.0	5,001	833	9.96	59.83	0.49	45.9
Sept	720,964	37,819	1.94	37.06	1.28	95.6	4,835	805	9.64	57.89	0.51	52.6
Year to Date												
2018	8,397,763	440,083	2.05	39.17	1.31	89.7	104,289	17,332	14.22	85.66	0.41	68.9
2019	8,163,171	424,743	2.04	39.22	1.33	99.4	65,908	10,938	13.69	82.47	0.49	63.2
2020	6,092,785	321,890	1.92	36.35	1.27	97.0	52,965	8,828	9.70	58.19	0.50	60.6
Rolling 12 Months Ending in September												
2019	11,136,525	580,876	2.05	39.28	1.33	99.1	95,687	15,896	14.13	85.02	0.48	68.0
2020	8,675,605	457,300	1.93	36.57	1.27	100.6	75,719	12,601	10.82	65.04	0.50	62.2

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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:

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 2019 and prior years are final. Values for 2020 are preliminary.

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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 4.1. Receipts, Average Cost, and Quality of Fossil Fuels Total (All Sectors), 2010 - September 2020 (continued)

Table 4.1. Receipts, Average Cost, and Quality of Fossil Fuels - Total (All Sectors), 2010 - September 2020 (continued)													
	Petroleum Coke						Natural Gas						All Fossil Fuels
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Percentage of Consumption	Average Cost	
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)		(Dollars per MMBtu)	
Period													
Annual Totals													
2010	169,508	5,963	2.28	64.85	4.79	98.5	8,867,396	8,673,070	5.09	5.20	102.0	3.26	
2011	171,100	5,980	3.03	86.78	5.01	98.2	9,250,652	9,056,164	4.72	4.83	103.8	3.29	
2012	119,667	4,180	2.24	64.14	5.55	83.3	9,746,691	9,531,389	3.42	3.50	91.9	2.83	
2013	132,474	4,660	2.18	61.95	5.41	73.5	8,721,114	8,503,424	4.33	4.44	89.7	3.09	
2014	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	11,244,158	10,885,764	3.55	3.67	90.4	2.83	
2019	56,294	1,969	1.91	54.59	5.51	55.3	12,093,432	11,693,486	2.89	2.98	91.4	2.50	
Year 2018													
January	7,009	248	2.38	67.41	5.31	53.2	836,690	809,817	5.06	5.23	88.7	3.59	
February	7,769	277	2.43	68.09	5.49	72.4	734,114	711,064	3.61	3.73	88.7	2.82	
March	7,841	281	2.54	70.89	5.54	86.2	805,795	779,565	3.18	3.29	89.3	2.59	
April	6,564	232	2.56	72.38	6.09	65.5	758,992	735,470	3.14	3.24	90.2	2.61	
May	4,344	152	2.41	68.58	6.09	54.2	894,444	866,280	3.06	3.16	89.9	2.59	
June	7,382	260	2.73	77.61	5.97	62.9	1,014,537	982,204	3.13	3.23	91.7	2.64	
July	8,307	293	2.71	76.81	5.73	65.3	1,272,002	1,231,687	3.23	3.34	91.1	2.73	
August	8,443	298	2.79	78.94	5.67	69.4	1,243,191	1,203,931	3.28	3.38	91.6	2.72	
Sept	8,158	288	2.94	83.35	5.63	72.2	1,093,336	1,057,918	3.12	3.22	91.9	2.65	
October	5,892	208	2.48	70.32	5.77	68.1	951,711	921,416	3.43	3.55	91.4	2.76	
November	6,696	235	2.21	63.10	5.87	68.6	817,552	791,716	4.18	4.31	89.3	3.05	
December	6,718	238	2.03	57.24	5.90	59.0	821,793	794,697	4.72	4.89	89.4	3.29	
Year 2019													
January	5,447	192	2.08	59.13	5.93	48.1	919,838	889,946	4.00	4.13	90.7	3.01	
February	4,486	155	2.27	65.75	5.78	45.9	837,542	807,831	3.63	3.76	89.9	2.86	
March	3,725	130	2.43	69.63	6.15	42.2	872,265	844,350	3.46	3.57	90.1	2.81	
April	3,159	111	2.71	76.93	5.65	49.1	799,961	774,560	2.89	2.98	90.7	2.50	
May	4,631	162	2.24	63.78	5.41	44.6	911,282	883,322	2.77	2.85	92.3	2.44	
June	3,740	130	2.18	62.61	5.15	45.4	1,058,212	1,024,899	2.58	2.67	92.1	2.36	
July	5,766	201	2.01	57.67	5.22	52.2	1,325,515	1,281,068	2.54	2.63	92.4	2.34	
August	7,308	258	1.72	48.66	5.20	74.8	1,348,880	1,302,573	2.42	2.50	92.4	2.26	
Sept	3,777	131	1.67	48.38	5.58	42.2	1,148,917	1,110,680	2.59	2.68	92.1	2.34	
October	2,365	83	1.57	44.65	5.64	56.6	1,001,048	967,750	2.49	2.58	91.2	2.27	
November	6,654	232	1.46	41.78	5.38	125.2	886,624	856,721	2.96	3.06	90.5	2.50	
December	5,236	183	1.14	32.50	5.44	68.2	983,347	949,785	2.91	3.01	90.9	2.47	
Year 2020													
January	8,421	295	1.53	43.68	5.34	87.9	932,454	900,881	2.63	2.72	84.3	2.33	
February	6,913	244	1.47	41.75	4.99	102.2	887,425	858,020	2.40	2.48	85.5	2.22	
March	4,942	174	1.36	38.61	5.48	57.7	875,682	846,389	2.14	2.22	84.2	2.09	
April	5,150	180	1.38	39.50	5.35	71.4	773,366	745,767	2.10	2.18	84.7	2.04	
May	5,495	195	1.61	45.35	5.30	67.1	835,738	810,278	2.16	2.23	85.2	2.07	
June	5,648	199	1.46	41.45	6.01	52.5	1,015,594	986,100	2.01	2.07	84.6	1.99	
July	5,610	201	1.62	45.31	5.57	47.3	1,276,802	1,239,312	2.03	2.09	82.6	2.01	
August	7,159	253	1.82	51.46	5.68	65.9	1,219,171	1,182,235	2.39	2.47	83.9	2.21	
Sept	3,876	140	W	W	5.21	61.4	1,002,511	971,129	2.42	2.50	84.1	2.23	
Year to Date													
2018	65,816	2,329	2.63	74.75	5.70	66.5	8,653,102	8,377,935	3.39	3.50	90.5	2.77	
2019	42,040	1,470	2.10	59.93	5.53	49.7	9,222,413	8,919,230	2.92	3.02	91.5	2.53	
2020	53,214	1,880	1.57	44.45	5.43	66.4	8,818,743	8,540,112	2.25	2.33	84.2	2.13	
Rolling 12 Months Ending in September													
2019	61,346	2,152	2.14	60.98	5.63	53.6	11,813,468	11,427,058	3.17	3.28	91.2	2.65	
2020	67,468	2,379	W	W	5.44	69.3	11,689,762	11,314,368	2.38	2.46	85.8	2.21	

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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 4.2 Receipts, Average Cost, and Quality of Fossil Fuels, Electric Utilities, 2010 - September 2020

Table 4.2 Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2010 - September 2020												
Coal							Petroleum Liquids					
Period	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
Annual Totals												
2010	14,226,995	713,094	2.27	45.33	1.14	98.8	189,790	31,099	13.94	85.07	0.48	101.0
2011	13,871,559	699,353	2.40	47.67	1.16	101.5	144,255	23,859	20.30	122.72	0.53	114.5
2012	11,939,543	609,445	2.43	47.51	1.18	99.0	86,030	14,252	22.11	133.44	0.41	81.3
2013	11,595,328	592,772	2.38	46.51	1.23	92.9	78,101	12,814	21.09	128.57	0.43	76.2
2014	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
Year 2018												
January	689,121	36,230	2.08	39.57	1.11	75.5	16,449	2,762	14.38	85.73	0.43	61.0
February	637,294	33,294	2.10	40.18	1.17	97.3	8,657	1,413	12.58	77.10	0.46	126.0
March	696,264	36,224	2.09	40.20	1.18	111.4	5,472	906	13.38	80.86	0.36	82.4
April	600,033	31,096	2.12	40.93	1.23	101.8	5,321	875	13.78	83.81	0.36	74.7
May	654,477	33,757	2.09	40.57	1.24	95.3	6,739	1,108	14.37	87.44	0.29	82.5
June	688,040	35,857	2.10	40.33	1.21	84.0	6,566	1,085	14.63	88.49	0.28	78.5
July	738,864	38,675	2.10	40.13	1.15	79.8	5,620	920	14.34	87.60	0.27	75.5
August	802,045	41,889	2.11	40.43	1.19	87.2	5,016	826	15.26	92.68	0.34	63.6
Sept	695,648	36,530	2.12	40.31	1.15	90.3	5,665	940	15.53	93.63	0.35	66.8
October	713,410	37,228	2.10	40.20	1.21	104.3	6,170	1,011	15.78	96.34	0.39	73.6
November	691,145	36,346	2.10	39.90	1.17	95.3	5,383	896	15.89	95.50	0.41	69.8
December	743,694	38,838	2.17	41.48	1.17	93.2	6,991	1,155	13.83	83.69	0.44	94.7
Year 2019												
January	738,951	38,447	2.16	41.50	1.17	92.6	6,257	1,035	12.58	76.07	0.42	61.2
February	631,870	33,072	2.14	40.80	1.15	98.6	6,768	1,106	13.06	79.89	0.46	99.9
March	588,088	30,001	2.14	41.81	1.36	94.2	6,258	1,034	14.36	86.91	0.42	88.8
April	646,989	33,355	2.13	41.31	1.20	135.4	5,460	901	14.73	89.26	0.47	85.9
May	664,887	34,246	2.12	41.12	1.21	112.6	5,038	832	14.15	85.71	0.48	63.5
June	651,381	33,621	2.10	40.75	1.19	99.7	5,247	869	13.31	80.39	0.47	63.3
July	723,359	37,713	2.08	39.90	1.15	88.8	4,455	740	13.30	80.10	0.46	55.6
August	746,495	38,909	2.06	39.56	1.14	97.4	3,921	656	13.65	81.53	0.48	44.4
Sept	676,927	35,149	2.01	38.79	1.17	98.7	6,831	1,119	12.41	75.70	0.45	85.5
October	643,227	33,488	2.01	38.57	1.13	122.6	4,958	815	13.28	80.79	0.47	62.2
November	624,023	32,728	2.01	38.36	1.14	106.9	6,206	1,013	12.83	78.61	0.48	82.2
December	633,871	33,185	1.95	37.30	1.12	110.8	5,390	891	13.65	82.59	0.47	63.9
Year 2020												
January	599,610	31,535	1.98	37.56	1.12	114.9	4,454	744	13.67	81.86	0.48	50.0
February	511,376	27,027	1.94	36.77	1.12	113.6	5,670	937	12.86	77.84	0.46	78.7
March	490,415	25,766	1.97	37.43	1.14	118.3	5,169	851	10.37	62.98	0.47	83.9
April	431,348	22,478	1.97	37.89	1.18	131.5	2,574	432	8.46	50.40	0.47	46.6
May	400,318	21,157	1.93	36.48	1.08	106.2	4,012	671	6.68	39.96	0.48	66.3
June	464,257	24,345	1.96	37.30	1.13	87.4	4,152	685	6.62	40.13	0.47	55.4
July	546,562	28,603	1.96	37.36	1.15	74.4	5,546	911	8.25	50.24	0.47	67.7
August	598,478	31,014	1.94	37.45	1.16	79.4	3,727	617	10.06	60.79	0.47	46.7
Sept	550,242	28,659	2.00	38.40	1.13	96.3	3,382	557	9.74	59.10	0.46	49.2
Year to Date												
2018	6,202,786	323,552	2.10	40.28	1.18	89.8	65,507	10,835	14.20	85.88	0.36	74.4
2019	6,068,947	314,514	2.10	40.59	1.19	100.3	50,236	8,292	13.46	81.53	0.45	70.2
2020	4,592,607	240,585	1.96	37.43	1.14	98.1	38,686	6,405	9.81	59.28	0.47	60.0
Rolling 12 Months Ending in September												
2019	8,217,196	426,926	2.11	40.58	1.19	99.5	68,779	11,353	13.89	84.17	0.44	72.4
2020	6,493,729	339,985	1.97	37.62	1.13	102.1	55,240	9,123	10.84	65.62	0.47	62.5

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

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

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Table 4.2 Receipts, Average Cost, and Quality of Fossil Fuels: Electric Utilities, 2010 - September 2020 (continued)

Table 4.2. Receipts, Average Cost, and Quality of U.S. Fuels: Electric Utilities, 2010-September 2020 (continued)													
Period	Petroleum Coke						Natural Gas						All Fossil Fuels
	Receipts		Average Cost		Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Percentage of Consumption	Average Cost	
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Mcf)	(Dollars per MMBtu)	(Dollars per Mcf)		(Dollars per MMBtu)	
Annual Totals													
2010	103,152	3,628	2.38	67.65	5.03	109.1	3,395,962	3,327,919	5.43	5.54	101.1	2.99	
2011	99,208	3,445	3.08	88.73	5.17	99.9	3,571,348	3,507,613	5.00	5.09	101.8	3.08	
2012	72,782	2,521	2.30	66.40	5.46	119.8	4,083,579	4,003,457	3.74	3.81	97.6	2.86	
2013	99,088	3,463	2.11	60.30	5.34	101.6	3,939,408	3,851,241	4.49	4.59	97.0	2.99	
2014	123,793	4,349	1.89	53.77	5.56	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	5,553,558	5,379,459	3.68	3.80	96.2	2.80	
2019	54,266	1,896	1.92	54.88	5.50	91.0	6,026,974	5,831,134	3.03	3.13	97.0	2.53	
Year 2018													
January	7,009	248	2.38	67.41	5.31	83.4	423,606	410,310	5.20	5.37	95.5	3.41	
February	7,769	277	2.43	68.09	5.49	117.9	359,760	348,729	3.81	3.93	95.0	2.79	
March	7,841	281	2.54	70.89	5.54	141.5	397,572	384,900	3.46	3.57	96.4	2.64	
April	6,564	232	2.56	72.38	6.09	119.0	377,302	365,948	3.30	3.40	97.5	2.63	
May	4,344	152	2.41	68.58	6.09	108.3	452,870	438,567	3.24	3.35	94.8	2.63	
June	7,382	260	2.73	77.61	5.97	96.2	525,751	509,192	3.28	3.39	97.2	2.67	
July	8,147	287	2.73	77.48	5.73	100.4	632,132	612,044	3.27	3.38	95.1	2.69	
August	8,183	288	2.82	80.03	5.67	105.4	607,246	588,293	3.33	3.44	96.5	2.68	
Sept	7,493	263	3.05	86.74	5.59	101.2	535,618	518,216	3.28	3.39	97.0	2.68	
October	5,415	191	2.55	72.24	5.80	120.4	464,777	450,302	3.57	3.68	97.8	2.74	
November	6,524	229	2.23	63.55	5.88	116.4	390,167	378,446	4.26	4.39	94.9	2.93	
December	6,541	232	2.04	57.52	5.91	96.0	386,756	374,513	4.92	5.08	96.2	3.16	
Year 2019													
January	5,447	192	2.08	59.13	5.93	73.8	446,581	432,740	4.13	4.26	97.1	2.94	
February	4,486	155	2.27	65.75	5.78	69.4	414,367	398,782	3.76	3.90	96.0	2.84	
March	3,725	130	2.43	69.63	6.15	66.9	432,758	419,315	3.63	3.74	96.4	2.84	
April	3,159	111	2.71	76.93	5.65	101.5	401,329	388,531	3.05	3.15	96.7	2.55	
May	4,631	162	2.24	63.78	5.41	73.8	471,417	457,391	2.92	3.01	99.1	2.50	
June	3,740	130	2.18	62.61	5.15	85.7	546,353	529,347	2.73	2.82	97.6	2.43	
July	5,723	199	2.01	57.76	5.22	86.8	662,600	640,466	2.63	2.72	96.9	2.38	
August	6,693	235	1.72	48.82	5.15	115.7	680,091	657,152	2.52	2.61	96.6	2.31	
Sept	3,034	105	1.68	48.71	5.58	56.6	577,988	559,208	2.75	2.84	97.0	2.40	
October	1,738	60	1.51	43.76	5.45	92.3	496,610	480,428	2.69	2.78	96.7	2.35	
November	6,654	232	1.46	41.78	5.38	227.7	427,761	413,977	3.13	3.24	97.1	2.52	
December	5,236	183	1.14	32.50	5.44	132.2	469,120	453,798	3.12	3.22	96.9	2.50	
Year 2020													
January	8,421	295	1.53	43.68	5.34	144.1	447,079	432,583	2.87	2.97	87.8	2.40	
February	6,913	244	1.47	41.75	4.99	164.5	436,842	422,809	2.66	2.74	90.0	2.33	
March	4,942	174	1.36	38.61	5.46	82.4	439,954	425,351	2.36	2.44	89.2	2.19	
April	5,150	180	1.38	39.50	5.35	98.8	388,884	374,588	2.34	2.43	89.5	2.16	
May	5,495	195	1.61	45.35	5.30	104.2	425,971	413,175	2.43	2.51	89.9	2.20	
June	5,648	199	1.46	41.45	6.01	77.0	504,697	490,859	2.26	2.32	87.6	2.13	
July	5,104	183	1.62	45.13	5.52	61.2	623,212	605,840	2.20	2.27	84.2	2.11	
August	6,485	228	1.83	52.01	5.67	91.5	595,172	577,443	2.57	2.65	86.2	2.28	
Sept	3,305	119	1.97	54.59	5.08	102.2	481,087	466,204	2.72	2.80	86.4	2.36	
Year to Date													
2018	64,731	2,288	2.64	74.73	5.70	106.2	4,311,858	4,176,197	3.53	3.65	96.1	2.76	
2019	40,639	1,420	2.11	60.39	5.53	79.9	4,633,484	4,482,932	3.05	3.15	97.0	2.56	
2020	51,463	1,816	1.57	44.36	5.42	97.9	4,342,899	4,208,852	2.48	2.56	87.6	2.24	
Rolling 12 Months Ending in September													
2019	59,119	2,072	2.16	61.51	5.63	87.3	5,875,184	5,686,193	3.29	3.40	96.9	2.65	
2020	65,090	2,292	1.52	43.14	5.42	106.0	5,736,388	5,557,054	2.60	2.68	89.6	2.30	

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 2019 and prior years are final. Values for 2020 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."

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Table 4.3 Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2010 - September 2020

Table 4.3 Receipts, Average Cost, and Quality of Fossil Fuels: Independent Power Producers, 2010 - September 2020												
Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
Annual Totals												
2010	4,555,898	243,585	2.20	41.15	1.21	96.0	49,598	8,420	14.80	87.19	0.35	89.9
2011	4,292,284	233,295	2.28	41.95	1.25	95.9	41,599	7,096	20.30	119.01	0.50	106.9
2012	4,036,436	218,341	2.21	40.92	1.42	104.9	23,922	4,073	22.34	131.28	0.44	79.8
2013	4,032,431	217,572	2.20	40.95	1.48	99.1	43,432	7,205	19.71	118.88	0.45	110.1
2014	4,243,949	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
Year 2018												
January	250,209	13,549	1.99	36.82	1.60	79.9	19,101	3,180	13.71	82.73	0.46	63.7
February	200,760	10,859	1.93	35.69	1.58	93.0	3,249	550	13.53	79.99	0.43	195.1
March	229,355	11,974	1.84	35.33	1.83	99.4	2,273	388	14.17	82.79	0.43	107.3
April	202,887	10,815	1.88	35.20	1.61	107.5	1,427	242	14.45	84.93	0.44	61.3
May	223,521	11,725	1.87	35.68	1.78	98.4	2,731	459	14.46	86.28	0.46	95.4
June	227,121	12,009	1.84	34.83	1.84	89.2	2,614	444	15.89	93.43	0.40	92.9
July	235,760	12,666	1.87	34.83	1.73	82.1	1,775	301	16.08	94.43	0.45	64.8
August	260,087	13,942	1.86	34.73	1.68	88.4	1,864	315	15.92	93.84	0.42	59.8
Sept	235,579	12,761	1.82	33.63	1.56	94.5	2,082	351	15.17	89.90	0.39	82.5
October	274,139	14,529	1.89	35.60	1.72	113.8	3,039	517	15.83	92.93	0.41	127.4
November	248,768	13,265	1.92	35.95	1.73	97.0	3,328	566	15.95	93.64	0.42	119.9
December	260,878	13,920	1.94	36.42	1.68	99.1	4,215	709	14.20	84.15	0.46	132.8
Year 2019												
January	258,502	13,732	1.91	35.91	1.75	94.9	2,550	426	12.15	72.73	0.50	53.5
February	208,595	11,136	1.83	34.30	1.66	96.1	2,052	344	13.83	82.61	0.46	98.6
March	225,693	11,804	1.88	35.97	1.87	96.4	1,312	223	14.97	88.25	0.54	79.1
April	215,930	11,232	1.84	35.44	1.89	127.7	1,400	238	15.72	92.48	0.51	72.3
May	219,210	11,432	1.83	35.06	1.91	118.6	1,628	278	15.67	91.68	0.49	76.9
June	210,718	11,178	1.76	33.24	1.84	105.7	1,505	255	15.10	89.08	0.48	74.1
July	210,437	11,271	1.79	33.38	1.69	83.9	1,409	240	15.49	90.87	0.48	53.7
August	228,948	12,067	1.78	33.72	1.69	96.5	1,184	203	16.40	95.62	0.49	57.7
Sept	207,547	11,127	1.75	32.61	1.59	95.7	1,361	232	13.79	81.01	0.56	72.0
October	219,896	11,624	1.77	33.58	1.69	114.0	1,713	292	15.05	88.23	0.52	80.0
November	214,440	11,469	1.77	33.22	1.61	101.1	1,652	281	13.67	80.52	0.49	78.7
December	209,490	11,070	1.75	33.07	1.66	104.6	2,423	414	13.65	79.88	0.50	107.5
Year 2020												
January	201,983	10,808	1.80	33.69	1.63	115.6	727	125	15.12	88.13	0.56	50.6
February	169,439	9,130	1.77	32.84	1.74	110.4	722	123	14.71	86.54	0.57	55.8
March	155,769	8,326	1.78	33.38	1.92	115.8	1,351	229	10.89	64.15	0.52	71.4
April	121,895	7,075	1.72	29.67	1.47	108.4	1,542	264	8.35	48.79	0.53	111.6
May	126,481	7,262	1.76	30.61	1.37	104.5	2,325	398	6.16	36.02	0.50	165.7
June	147,445	8,001	1.73	31.85	1.80	90.8	2,513	422	8.21	48.86	0.48	140.7
July	153,536	8,300	1.73	31.98	1.84	72.4	1,364	234	9.42	54.82	0.48	64.6
August	167,020	9,060	1.72	31.80	1.74	79.1	1,136	194	9.65	56.59	0.50	59.5
Sept	161,112	8,684	1.72	32.03	1.81	96.7	1,287	221	9.42	54.91	0.52	88.7
Year to Date												
2018	2,065,278	110,301	1.88	35.19	1.69	91.3	37,117	6,230	14.31	85.38	0.44	74.1
2019	1,985,580	104,978	1.82	34.45	1.77	100.1	14,401	2,438	14.53	85.83	0.50	68.1
2020	1,404,680	76,646	1.75	32.11	1.71	97.0	12,968	2,210	9.27	54.39	0.51	88.3
Rolling 12 Months Ending in September												
2019	2,769,364	146,692	1.85	34.88	1.75	100.9	24,983	4,231	14.82	87.45	0.47	84.7
2020	2,048,505	110,809	1.75	32.47	1.69	99.7	18,756	3,197	10.75	63.05	0.51	88.6

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

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W = Withheld to avoid disclosure of individual company data

Notes

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

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Table 4.3. Receipts, Average Cost, and Quality of Fossil Fuels Independent Power Producers, 2010 - September 2020 (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													
2010	30,079	1,050	1.74	49.80	3.84	72.3	4,212,611	4,119,103	4.94	5.05	100.6	3.57	
2011	33,643	1,175	2.54	72.85	4.55	84.6	4,252,040	4,158,617	4.62	4.72	100.8	3.52	
2012	23,024	801	0.82	23.98	5.49	92.1	4,810,553	4,696,637	3.17	3.25	93.8	2.74	
2013	16,150	575	W	W	5.39	65.6	4,025,263	3,917,898	4.25	4.36	92.8	W	
2014	13,781	488	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	
Year 2018													
January	0	0	-	-	-	0.0	343,077	331,644	5.21	5.39	93.1	3.99	
February	0	0	-	-	-	0.0	312,835	302,657	3.38	3.49	93.7	2.80	
March	0	0	--	--	--	0.0	346,290	334,497	2.87	2.97	93.6	2.46	
April	0	0	-	--	-	0.0	319,774	309,352	2.96	3.06	94.1	2.51	
May	0	0	--	--	--	0.0	377,388	365,397	2.79	2.89	94.8	2.46	
June	0	0	-	-	-	0.0	422,237	408,330	2.89	2.98	95.3	2.53	
July	0	0	--	--	--	0.0	570,783	552,360	3.21	3.32	95.3	2.79	
August	0	0	-	--	-	0.0	565,773	547,533	3.22	3.33	95.1	2.76	
Sept	0	0	-	--	--	0.0	489,149	472,958	2.90	3.00	95.4	2.54	
October	0	0	--	--	--	0.0	419,722	405,657	3.20	3.31	94.9	2.68	
November	0	0	--	--	--	0.0	355,192	343,013	4.12	4.27	94.1	3.19	
December	0	0	--	--	--	0.0	366,993	354,294	4.49	4.65	95.0	3.39	
Year 2019													
January	0	0	-	--	-	0.0	398,896	385,014	3.88	4.02	95.6	3.05	
February	0	0	--	--	--	0.0	357,555	345,530	3.49	3.61	95.0	2.85	
March	0	0	--	--	--	0.0	371,920	359,394	3.30	3.41	95.0	2.73	
April	0	0	-	-	-	0.0	333,598	322,802	2.65	2.74	95.5	2.33	
May	0	0	-	-	-	0.0	372,853	360,800	2.53	2.61	96.4	2.28	
June	0	0	-	--	--	0.0	446,512	432,051	2.35	2.43	96.4	2.17	
July	0	0	-	--	--	0.0	592,358	572,083	2.43	2.51	96.4	2.26	
August	0	0	-	--	--	0.0	597,443	576,291	2.27	2.35	96.5	2.13	
Sept	0	0	-	--	--	0.0	504,061	486,741	2.38	2.47	96.5	2.19	
October	0	0	-	-	--	0.0	438,101	422,965	2.22	2.30	96.1	2.09	
November	0	0	-	--	--	0.0	388,489	374,471	2.77	2.88	95.5	2.41	
December	0	0	-	--	-	0.0	440,761	424,737	2.69	2.79	95.8	2.39	
Year 2020													
January	0	0	-	-	-	0.0	412,765	397,879	2.36	2.45	90.7	2.17	
February	0	0	--	--	--	0.0	384,666	371,234	2.09	2.17	90.8	1.99	
March	0	0	--	--	--	0.0	369,172	356,338	1.86	1.93	88.6	1.86	
April	0	0	-	-	-	0.0	321,897	310,434	1.79	1.86	89.9	1.79	
May	0	0	--	--	--	0.0	344,883	334,015	1.80	1.86	89.3	1.81	
June	0	0	-	-	--	0.0	445,814	431,957	1.70	1.75	89.1	1.74	
July	0	0	-	--	--	0.0	586,374	568,014	1.83	1.89	87.0	1.82	
August	0	0	-	--	--	0.0	557,121	539,745	2.16	2.23	88.4	2.05	
Sept	0	0	-	--	--	0.0	459,037	444,246	2.02	2.09	89.3	1.94	
Year to Date													
2018	0	0	-	--	--	0.0	3,747,305	3,624,728	3.24	3.35	94.6	2.76	
2019	0	0	-	--	--	0.0	3,975,196	3,840,704	2.75	2.84	96.0	2.43	
2020	0	0	-	--	--	0.0	3,881,728	3,753,863	1.96	2.03	89.1	1.92	
Rolling 12 Months Ending in September													
2019	0	0	--	--	-	0.0	5,117,103	4,943,669	3.00	3.10	95.7	2.58	
2020	0	0	-	--	--	0.0	5,149,078	4,976,036	2.11	2.18	90.6	2.02	

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W = Withheld to avoid disclosure of individual company data

Notes

Beginning in January 2013, the threshold for reporting fuel receipts data was changed from 50 megawatts to 200 megawatts of nameplate capacity for plants primarily fueled by natural gas, petroleum coke, distillate fuel oil, and residual fuel oil. In addition, the requirement to report self-produced and minor fuels, i.e., blast furnace gas, other manufactured gases, kerosene, jet fuel, propane, and waste oils was eliminated. The threshold for coal plants remained at 50 megawatts. The following caveats for each fuel type should be noted:

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 2019 and prior years are final. Values for 2020 are preliminary.

- 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) Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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Table 4.4 Receipts, Average Cost, and Quality of Fossil Fuels Commercial Sector, 2010 - September 2020

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
Annual Totals												
2010	37,778	1,747	2.82	61.06	1.77	101.6	2,395	400	15.24	91.25	0.38	106.3
2011	35,892	1,686	2.92	62.24	1.78	101.1	1,959	325	19.67	118.66	0.55	108.0
2012	4,427	192	3.41	78.71	2.75	13.2	247	43	W	W	0.00	11.0
2013	3,507	151	W	W	3.05	11.2	0	0	--	--	--	0.0
2014	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
Year 2018												
January	95	4	2.92	66.58	3.11	5.5	0	0	--	--	--	0.0
February	31	1	2.92	66.05	3.19	2.3	0	0	--	--	--	0.0
March	5	0	2.92	66.20	3.16	0.4	0	0	--	--	--	0.0
April	0	0	--	--	--	0.0	0	0	--	--	--	0.0
May	0	0	--	--	--	0.0	0	0	--	--	--	0.0
June	0	0	--	--	--	0.0	0	0	--	--	--	0.0
July	0	0	--	--	--	0.0	0	0	--	--	--	0.0
August	0	0	--	--	--	0.0	0	0	--	--	--	0.0
Sept	0	0	--	--	--	0.0	0	0	--	--	--	0.0
October	52	2	2.94	66.53	2.87	5.5	0	0	--	--	--	0.0
November	62	3	2.94	66.44	2.99	5.8	0	0	--	--	--	0.0
December	46	2	2.97	66.83	3.05	4.4	0	0	--	--	--	0.0
Year 2019												
January	27	1	2.90	65.89	3.00	2.0	0	0	--	--	--	0.0
February	37	2	2.90	65.51	2.95	3.0	0	0	--	--	--	0.0
March	48	2	2.90	65.86	2.94	3.6	0	0	--	--	--	0.0
April	2	0	2.90	65.28	2.90	0.3	0	0	--	--	--	0.0
May	0	0	--	-	--	0.0	0	0	--	--	--	0.0
June	2	0	2.90	66.38	3.02	0.4	0	0	--	--	--	0.0
July	1	0	2.97	67.69	2.94	0.2	0	0	--	--	--	0.0
August	0	0	--	--	--	0.0	0	0	--	--	--	0.0
Sept	0	0	--	-	--	0.0	0	0	--	--	--	0.0
October	23	1	2.96	67.99	3.17	2.7	0	0	--	--	--	0.0
November	31	1	2.96	67.99	3.17	3.0	0	0	--	--	--	0.0
December	21	1	2.96	67.34	2.91	1.9	0	0	--	--	--	0.0
Year 2020												
January	26	1	2.96	67.40	2.94	2.8	0	0	--	--	--	0.0
February	58	3	2.96	67.58	2.96	5.2	0	0	--	--	--	0.0
March	0	0	--	--	--	0.0	0	0	--	--	--	0.0
April	0	0	--	-	--	0.0	0	0	--	--	--	0.0
May	0	0	--	--	--	0.0	0	0	--	--	--	0.0
June	0	0	--	--	--	0.0	0	0	--	--	--	0.0
July	0	0	--	--	--	0.0	0	0	--	--	--	0.0
August	0	0	--	--	--	0.0	0	0	--	--	--	0.0
Sept	0	0	--	--	--	0.0	0	0	--	--	--	0.0
Year to Date												
2018	130	6	2.92	66.44	3.13	1.3	0	0	--	--	--	0.0
2019	119	5	2.90	65.77	2.96	1.4	0	0	--	--	--	0.0
2020	84	4	2.96	67.52	2.95	1.1	0	0	--	--	--	0.0
Rolling 12 Months Ending in September												
2019	278	12	2.93	66.24	2.96	2.3	0	0	--	--	--	0.0
2020	159	7	2.96	67.66	3.02	1.5	0	0	--	--	--	0.0

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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:
 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.

- 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."

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Table 4.4. Receipts, Average Cost, and Quality of Fossil Fuels - Commercial Sector, 2010 - September 2020 (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													
2010	410	15	2.19	60.59	5.67	122.5		92,055	90,130	5.39	5.51	105.1	4.83
2011	268	9	W	W	5.46	147.4		95,287	93,306	5.20	5.31	107.2	W
2012	0	0	--	--	--	0.0		18,315	18,008	5.88	5.98	16.2	W
2013	0	0	--	--	--	0.0		5,497	5,450	W	W	4.6	W
2014	0	0	--	--	--	0.0		5,849	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
Year 2018													
January	0	0	--	--	--	0.0		844	818	3.63	3.74	7.1	3.56
February	0	0	--	--	--	0.0		709	688	3.72	3.84	6.5	3.69
March	0	0	--	--	--	0.0		768	746	3.59	3.69	6.8	3.58
April	0	0	--	--	--	0.0		732	713	3.49	3.58	7.3	3.49
May	0	0	--	--	--	0.0		776	758	3.47	3.55	7.4	3.47
June	0	0	--	--	--	0.0		670	650	3.57	3.67	5.8	3.57
July	0	0	--	--	--	0.0		790	760	3.39	3.52	5.8	3.39
August	0	0	--	--	--	0.0		786	764	3.42	3.52	5.8	3.42
Sept	0	0	--	--	--	0.0		744	723	3.38	3.48	6.3	3.38
October	0	0	--	--	--	0.0		792	770	3.36	3.45	7.2	3.33
November	0	0	--	--	--	0.0		723	701	3.41	3.52	6.6	3.37
December	0	0	--	--	--	0.0		756	732	3.41	3.52	6.6	3.39
Year 2019													
January	0	0	--	--	--	0.0		778	751	3.40	3.52	6.3	3.38
February	0	0	--	--	--	0.0		772	745	3.37	3.50	6.8	3.35
March	0	0	--	--	--	0.0		839	812	3.36	3.47	7.3	3.33
April	0	0	--	--	--	0.0		775	748	3.30	3.41	7.3	3.29
May	0	0	--	--	--	0.0		811	782	3.26	3.38	7.9	3.26
June	0	0	--	--	--	0.0		807	776	3.23	3.36	7.2	3.22
July	0	0	--	--	--	0.0		721	701	3.17	3.26	5.4	3.17
August	0	0	--	--	--	0.0		838	808	3.13	3.25	6.5	3.13
Sept	0	0	--	--	--	0.0		747	717	3.15	3.28	6.4	3.15
October	0	0	--	--	--	0.0		766	734	3.24	3.38	7.0	3.23
November	0	0	--	--	--	0.0		743	713	3.30	3.43	6.6	3.28
December	0	0	--	--	--	0.0		832	801	3.26	3.39	6.6	3.25
Year 2020													
January	0	0	--	--	--	0.0		795	763	3.09	3.22	6.3	3.09
February	0	0	--	--	--	0.0		693	663	3.12	3.26	6.0	3.11
March	0	0	--	--	--	0.0		751	722	3.10	3.22	6.7	3.10
April	0	0	--	--	--	0.0		661	638	3.09	3.20	6.8	3.09
May	0	0	--	--	--	0.0		657	631	3.09	3.22	6.5	3.09
June	0	0	--	--	--	0.0		626	599	3.09	3.23	5.8	3.09
July	0	0	--	--	--	0.0		624	599	3.11	3.24	5.1	3.11
August	0	0	--	--	--	0.0		775	739	3.03	3.17	6.4	3.03
Sept	0	0	--	--	--	0.0		780	748	W	W	7.1	2.98
Year to Date													
2018	0	0	--	--	--	0.0		6,819	6,621	3.52	3.62	6.5	3.51
2019	0	0	--	--	--	0.0		7,088	6,838	3.26	3.38	6.7	3.26
2020	0	0	--	--	--	0.0		6,360	6,102	3.07	3.21	6.3	3.07
Rolling 12 Months Ending in September													
2019	0	0	--	--	--	0.0		9,358	9,041	3.30	3.41	6.7	3.28
2020	0	0	--	--	--	0.0		8,701	8,350	W	W	6.4	3.12

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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 4.5. Receipts, Average Cost, and Quality of Fossil Fuels Industrial Sector, 2010 - September 2020

Period	Coal						Petroleum Liquids					
	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption	Receipts		Average Cost		Average Sulfur Percent by Weight	Percentage of Consumption
	(Billion Btu)	(Thousand Tons)	(Dollars per MMBtu)	(Dollars per Ton)			(Billion Btu)	(Thousand Barrels)	(Dollars per MMBtu)	(Dollars per Barrel)		
Annual Totals												
2010	468,991	21,492	2.75	60.08	1.26	87.2	33,276	5,554	13.21	79.15	0.93	125.6
2011	476,108	22,204	2.93	62.86	1.33	99.5	28,939	4,878	17.67	104.83	1.08	144.8
2012	285,172	13,206	3.02	65.24	1.33	65.8	6,739	1,095	W	W	1.52	40.8
2013	275,543	12,727	W	W	1.32	64.4	2,431	394	18.20	112.29	1.43	15.8
2014	281,867	13,050	2.97	64.15	1.33	88.4	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
Year 2018												
January	15,751	758	2.48	51.13	1.18	61.0	408	65	12.64	79.32	1.32	13.7
February	14,274	683	2.48	51.82	1.32	60.9	187	30	11.38	71.32	1.20	15.9
March	15,612	747	2.51	52.40	1.31	67.4	234	38	12.59	78.52	1.32	23.5
April	13,476	643	2.52	52.79	1.35	67.0	153	24	13.24	83.77	1.23	17.6
May	14,544	704	2.51	51.92	1.24	71.9	149	24	14.33	87.27	1.47	16.1
June	14,489	697	2.49	51.65	1.28	71.9	107	17	13.54	84.39	1.48	10.5
July	14,900	724	2.41	49.69	1.32	75.3	138	22	14.64	89.87	1.42	13.2
August	13,930	668	2.48	51.76	1.31	70.4	135	22	14.45	89.97	1.39	15.5
Sept	12,593	600	2.53	53.10	1.35	63.7	155	25	14.38	89.73	1.12	19.7
October	12,410	598	2.47	51.18	1.38	67.1	180	29	14.50	91.01	1.37	14.9
November	14,259	701	2.50	50.92	1.15	69.1	206	33	14.01	87.74	1.58	15.0
December	14,492	701	2.35	48.52	1.47	64.1	268	43	13.75	85.58	1.46	19.7
Year 2019												
January	12,678	629	2.49	50.14	1.13	56.2	154	25	12.98	80.23	1.24	7.5
February	12,842	617	2.61	54.43	1.16	61.4	199	33	13.77	82.99	1.45	18.7
March	13,424	629	2.68	57.20	1.49	67.5	126	21	13.43	82.27	1.63	14.2
April	11,765	561	2.64	55.30	1.25	62.8	223	36	12.89	79.74	1.54	24.0
May	12,720	623	2.51	51.21	0.97	71.3	92	15	14.12	86.68	1.48	12.6
June	11,705	567	2.49	51.38	1.22	67.2	131	21	13.04	79.96	1.55	18.3
July	11,385	551	2.45	50.57	1.32	65.1	80	13	11.99	74.33	1.41	12.7
August	10,876	530	2.39	49.14	1.23	62.0	112	18	12.56	77.49	1.66	15.4
Sept	11,131	539	2.48	51.28	1.24	66.3	154	25	13.15	80.17	1.58	20.8
October	11,889	586	2.59	52.47	1.21	68.4	136	22	13.01	79.34	1.42	17.2
November	13,255	645	2.59	53.19	1.05	71.3	137	22	13.67	83.44	1.46	9.7
December	12,654	612	2.67	55.16	1.07	64.4	141	23	13.33	81.47	1.25	15.8
Year 2020												
January	12,628	614	2.51	51.68	1.13	62.4	162	27	13.38	81.13	1.71	20.9
February	11,241	555	2.42	48.89	1.12	59.1	188	31	12.36	76.04	0.93	24.6
March	13,022	621	2.61	54.85	1.27	70.0	192	31	10.77	66.35	1.35	28.5
April	9,654	471	2.49	51.04	1.21	60.9	115	19	10.75	65.79	1.36	19.2
May	9,763	480	2.43	49.55	1.15	64.0	129	21	7.84	48.89	0.84	18.4
June	9,888	491	2.39	48.11	1.21	70.2	95	16	8.89	53.81	1.06	13.6
July	10,067	488	2.44	50.24	1.19	64.2	125	20	9.45	57.95	1.22	17.7
August	9,539	460	2.43	50.36	1.21	62.5	138	22	9.83	61.55	0.75	19.9
Sept	9,611	477	2.37	47.69	1.10	61.5	166	27	9.38	57.45	1.59	25.5
Year to Date												
2018	129,569	6,224	2.49	51.77	1.29	67.4	1,665	267	13.23	82.49	1.30	15.6
2019	108,526	5,246	2.53	52.36	1.22	64.1	1,271	207	13.14	80.62	1.51	15.0
2020	95,414	4,656	2.46	50.42	1.18	63.8	1,310	213	10.49	64.50	1.19	20.9
Rolling 12 Months Ending in September												
2019	149,687	7,246	2.51	51.76	1.25	64.8	1,925	312	13.45	83.01	1.49	15.5
2020	133,212	6,498	2.51	51.33	1.16	64.9	1,724	281	11.18	68.58	1.26	18.4

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 2019 and prior years are final. Values for 2020 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."

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Table 4.5 Receipts, Average Cost, and Quality of Fossil Fuels Industrial Sector, 2010 - September 2020 (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												
2010	35,866	1,269	2.46	69.38	4.90	100.5	1,166,768	1,135,917	4.64	4.77	110.4	4.24
2011	37,981	1,351	W	W	5.03	108.3	1,331,977	1,296,628	4.28	4.40	122.0	W
2012	23,861	858	2.62	72.96	5.86	42.2	834,245	813,288	2.97	3.05	70.8	W
2013	17,236	623	W	W	5.82	30.5	750,946	728,835	W	W	62.3	W
2014	9,738	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	3,864	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
Year 2018												
January	0	0	-	-	-	0.0	69,164	67,045	3.59	3.70	58.1	3.42
February	0	0	-	-	-	0.0	60,810	58,990	3.41	3.52	58.6	3.26
March	0	0	-	-	-	0.0	61,164	59,423	2.85	2.94	56.5	2.81
April	0	0	-	-	-	0.0	61,184	59,457	2.92	3.01	58.4	2.87
May	0	0	-	-	-	0.0	63,410	61,557	2.99	3.08	58.8	2.92
June	0	0	-	-	-	0.0	65,879	64,032	3.14	3.23	59.8	3.03
July	160	6	1.70	45.10	5.83	6.8	68,296	66,523	3.03	3.11	57.4	2.93
August	260	10	1.78	46.99	5.55	12.2	69,386	67,341	3.12	3.21	58.1	3.03
Sept	664	25	1.78	47.54	6.02	31.0	67,825	66,022	3.12	3.20	60.1	3.04
October	477	17	1.76	48.96	5.45	20.6	66,419	64,687	3.75	3.85	59.0	3.56
November	172	6	1.69	46.62	5.85	8.4	71,469	69,556	3.97	4.08	61.6	3.75
December	178	6	1.70	47.00	5.53	7.3	67,289	65,157	4.70	4.85	56.6	4.31
Year 2019												
January	0	0	-	-	-	0.0	73,583	71,442	3.76	3.87	59.0	3.59
February	0	0	-	-	-	0.0	64,847	62,775	3.44	3.56	58.1	3.33
March	0	0	-	-	-	0.0	66,748	64,890	3.13	3.22	57.6	3.07
April	0	0	-	-	-	0.0	64,259	62,480	2.85	2.93	59.7	2.85
May	0	0	-	-	-	0.0	66,202	64,348	2.75	2.83	57.8	2.73
June	0	0	-	-	-	0.0	64,540	62,725	2.63	2.70	56.5	2.62
July	43	2	1.71	46.96	5.81	1.7	69,836	67,819	2.49	2.56	57.3	2.49
August	615	23	1.75	46.99	5.75	30.2	70,509	68,322	2.37	2.45	57.1	2.39
Sept	743	26	1.63	47.00	5.56	30.6	66,121	64,014	2.56	2.65	56.0	2.57
October	627	23	1.72	47.00	6.17	30.1	65,572	63,624	2.46	2.54	55.7	2.49
November	0	0	-	-	-	0.0	69,632	67,560	2.77	2.86	57.8	2.76
December	0	0	-	-	-	0.0	72,635	70,448	2.62	2.70	57.8	2.64
Year 2020												
January	0	0	-	-	-	0.0	71,816	69,655	2.36	2.44	55.7	2.41
February	0	0	-	-	-	0.0	65,225	63,315	2.12	2.19	55.7	2.19
March	0	0	-	-	-	0.0	65,805	63,979	2.00	2.05	55.5	2.12
April	0	0	-	-	-	0.0	61,924	60,107	1.87	1.92	56.2	1.96
May	0	0	-	-	-	0.0	64,228	62,457	1.97	2.02	57.8	2.04
June	0	0	-	-	-	0.0	64,457	62,685	1.83	1.88	56.9	1.91
July	506	19	1.72	47.01	6.06	24.1	66,592	64,859	1.84	1.89	55.8	1.93
August	674	25	1.72	46.47	5.81	30.2	66,103	64,308	2.30	2.36	55.2	2.32
Sept	571	21	W	W	5.96	29.3	61,606	59,931	W	W	55.8	2.51
Year to Date												
2018	1,084	41	1.77	47.05	5.88	5.5	587,120	570,389	3.13	3.23	58.4	3.04
2019	1,401	50	1.68	46.99	5.65	7.3	606,645	588,755	2.89	2.98	57.7	2.85
2020	1,751	65	1.73	46.80	5.93	11.4	587,756	571,296	2.09	2.15	56.0	2.16
Rolling 12 Months Ending in September												
2019	2,227	80	1.70	47.39	5.62	8.5	811,822	788,156	3.21	3.30	58.0	3.12
2020	2,378	87	W	W	5.99	11.2	795,595	772,928	W	W	56.3	2.28

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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.

- Values for 2019 and prior years are final. Values for 2020 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."

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Table 4.6 A. Receipts of Coal Delivered for Electricity Generation by State, September 2020 and 2019
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2020	September 2019	Percentage Change	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	5	7	-31.0%	0	0	5	7	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	5	7	-31.0%	0	0	5	7	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	0	0	--	0	0	0	0	0	0	0	0
Rhode Island	0	0	--	0	0	0	0	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	1,018	1,031	-1.3%	0	0	1,018	1,020	0	0	0	11
New Jersey	36	16	121.0%	0	0	36	16	0	0	0	0
New York	0	0	--	0	0	0	0	0	0	0	0
Pennsylvania	983	1,015	-3.2%	0	0	983	1,004	0	0	0	11
East North Central	8,365	9,551	-12.0%	5,139	5,457	3,061	3,935	0	0	165	159
Illinois	2,015	2,559	21.0%	252	336	1,599	2,079	0	0	164	144
Indiana	1,875	1,984	-5.5%	1,671	1,801	203	183	0	0	0	0
Michigan	1,817	1,756	3.4%	1,777	1,743	39	13	0	0	0	0
Ohio	1,401	1,863	-25.0%	182	202	1,219	1,660	0	0	0	0
Wisconsin	1,257	1,388	-9.5%	1,257	1,374	0	0	0	0	0	14
West North Central	8,104	9,485	-15.0%	7,898	9,253	0	0	0	0	206	232
Iowa	1,009	1,514	-33.0%	864	1,352	0	0	0	0	145	163
Kansas	1,392	947	47.0%	1,392	947	0	0	0	0	0	0
Minnesota	785	1,120	-30.0%	785	1,120	0	0	0	0	0	0
Missouri	2,377	2,981	-20.0%	2,377	2,981	0	0	0	0	0	0
Nebraska	843	1,106	-24.0%	783	1,036	0	0	0	0	61	69
North Dakota	1,628	1,619	0.5%	1,628	1,619	0	0	0	0	0	0
South Dakota	70	197	-65.0%	70	197	0	0	0	0	0	0
South Atlantic	4,406	6,387	-31.0%	3,799	5,886	572	440	0	0	35	-61
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	789	689	15.0%	779	679	0	0	0	0	10	10
Georgia	764	1,549	-51.0%	753	1,538	0	0	0	0	11	11
Maryland	117	232	-50.0%	0	0	117	232	0	0	0	0
North Carolina	761	1,042	-27.0%	745	1,021	3	2	0	0	13	19
South Carolina	304	577	-47.0%	294	577	10	0	0	0	0	0
Virginia	162	135	20.0%	161	96	0	19	0	0	1	21
West Virginia	1,509	2,163	-30.0%	1,067	1,975	442	188	0	0	0	0
East South Central	3,857	4,961	-22.0%	3,635	4,782	190	134	0	0	32	46
Alabama	1,100	1,423	-23.0%	1,100	1,423	0	0	0	0	0	0
Kentucky	1,953	2,607	-25.0%	1,953	2,607	0	0	0	0	0	0
Mississippi	365	314	16.0%	175	180	190	134	0	0	0	0
Tennessee	439	618	-29.0%	407	572	0	0	0	0	32	46
West South Central	5,724	8,082	-29.0%	2,728	3,985	2,989	4,077	0	0	6	20
Arkansas	767	1,358	-43.0%	629	1,189	132	164	0	0	6	5
Louisiana	225	473	-52.0%	176	342	49	131	0	0	0	0
Oklahoma	578	567	1.9%	578	552	0	0	0	0	0	16
Texas	4,154	5,684	-27.0%	1,346	1,903	2,808	3,781	0	0	0	0
Mountain	5,877	6,669	-12.0%	5,428	5,640	449	1,029	0	0	0	0
Arizona	824	861	-4.3%	824	861	0	0	0	0	0	0
Colorado	965	1,121	-14.0%	965	1,121	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	357	924	-61.0%	12	22	345	902	0	0	0	0
Nevada	30	141	-79.0%	0	95	30	46	0	0	0	0
New Mexico	787	781	0.8%	787	781	0	0	0	0	0	0
Utah	1,180	972	21.0%	1,151	936	30	36	0	0	0	0
Wyoming	1,733	1,869	-7.3%	1,690	1,823	44	46	0	0	0	0
Pacific Contiguous	372	558	-33.0%	0	123	340	424	0	0	33	11
California	33	11	204.0%	0	0	0	0	0	0	33	11
Oregon	0	123	-100.0%	0	123	0	0	0	0	0	0
Washington	340	424	-20.0%	0	0	340	424	0	0	0	0
Pacific Noncontiguous	92	84	9.5%	32	24	61	60	0	0	0	0
Alaska	32	24	32.0%	32	24	0	0	0	0	0	0
Hawaii	61	60	0.6%	0	0	61	60	0	0	0	0
U.S. Total	37,819	46,816	-19.0%	28,659	35,149	8,684	11,127	0	0	477	539

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Notes
See Glossary for definitions. Values for 2019 are final. Values for 2020 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.
Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
Coal includes anthracite, bituminous, subbituminous, lignite, waste coal, and coal-derived synthesis gas.

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

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Table 4.6 B Receipts of Coal Delivered for Electricity Generation by State, (Year-to-Date) September 2020 and 2019
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2020 YTD	September 2019 YTD	Percentage Change	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	115	98	17.0%	72	49	42	49	0	0	0	0
Connecticut	0	0	--	0	0	0	0	0	0	0	0
Maine	42	49	-15.0%	0	0	42	49	0	0	0	0
Massachusetts	0	0	--	0	0	0	0	0	0	0	0
New Hampshire	72	49	49.0%	72	49	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	7,891	14,880	-47.0%	37	0	7,801	14,825	0	0	54	54
New Jersey	336	416	-19.0%	0	0	336	416	0	0	0	0
New York	0	69	-100.0%	0	0	0	69	0	0	0	0
Pennsylvania	7,555	14,395	-48.0%	37	0	7,465	14,340	0	0	54	54
East North Central	67,887	93,457	-27.0%	39,960	54,588	26,535	37,492	0	0	1,393	1,377
Illinois	17,957	26,909	33.0%	2,916	5,293	13,662	20,294	0	0	1,379	1,322
Indiana	16,806	21,636	-22.0%	14,979	20,110	1,827	1,526	0	0	0	0
Michigan	10,723	16,109	-33.0%	10,540	15,970	183	138	0	0	1	1
Ohio	12,415	17,415	-29.0%	1,552	1,881	10,863	15,534	0	0	0	0
Wisconsin	9,987	11,388	-12.0%	9,973	11,334	0	0	0	0	13	55
West North Central	71,743	79,100	-9.3%	69,772	76,871	0	0	4	5	1,967	2,223
Iowa	10,242	11,946	-14.0%	8,783	10,293	0	0	0	0	1,459	1,652
Kansas	8,916	7,955	12.0%	8,916	7,955	0	0	0	0	0	0
Minnesota	5,200	9,386	-45.0%	5,200	9,386	0	0	0	0	0	0
Missouri	21,925	22,294	-1.7%	21,921	22,289	0	0	4	5	0	0
Nebraska	9,066	10,064	-9.9%	8,557	9,493	0	0	0	0	508	571
North Dakota	15,696	16,155	-2.8%	15,696	16,155	0	0	0	0	0	0
South Dakota	698	1,301	-46.0%	698	1,301	0	0	0	0	0	0
South Atlantic	35,131	59,125	-41.0%	31,277	52,310	3,480	6,227	0	0	374	589
Delaware	0	71	-100.0%	0	0	0	71	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	4,573	6,808	33.0%	4,551	6,766	0	0	0	0	21	43
Georgia	4,660	12,002	-61.0%	4,591	11,909	0	0	0	0	69	93
Maryland	907	2,106	-57.0%	0	0	907	2,013	0	0	0	92
North Carolina	5,883	9,739	-40.0%	5,682	9,547	41	38	0	0	159	154
South Carolina	3,293	6,094	-46.0%	3,147	5,930	143	149	0	0	3	15
Virginia	1,126	2,177	-48.0%	1,006	1,704	0	282	0	0	121	191
West Virginia	14,688	20,127	-27.0%	12,299	16,454	2,389	3,673	0	0	0	0
East South Central	31,132	42,437	-27.0%	28,484	39,761	2,272	2,198	0	0	376	478
Alabama	8,379	10,938	-23.0%	8,379	10,938	0	0	0	0	0	0
Kentucky	16,496	23,111	-29.0%	16,496	23,111	0	0	0	0	0	0
Mississippi	3,054	3,306	-7.6%	782	1,108	2,272	2,198	0	0	0	0
Tennessee	3,203	5,082	-37.0%	2,826	4,604	0	0	0	0	376	478
West South Central	54,738	69,646	-21.0%	25,906	36,802	28,763	32,691	0	0	69	152
Arkansas	7,467	10,907	-32.0%	5,846	9,286	1,582	1,575	0	0	39	47
Louisiana	2,710	4,720	-43.0%	1,842	3,692	868	1,028	0	0	0	0
Oklahoma	3,000	4,094	-27.0%	2,970	3,988	0	0	0	0	30	106
Texas	41,561	49,924	-17.0%	15,248	19,836	26,313	30,089	0	0	0	0
Mountain	49,308	60,360	-18.0%	44,313	52,724	4,995	7,635	0	0	0	0
Arizona	6,245	10,665	-41.0%	6,245	10,665	0	0	0	0	0	0
Colorado	8,390	10,470	-20.0%	8,390	10,470	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	4,096	6,690	-39.0%	154	209	3,942	6,481	0	0	0	0
Nevada	812	1,390	-42.0%	375	938	437	452	0	0	0	0
New Mexico	5,800	6,429	9.8%	5,800	6,429	0	0	0	0	0	0
Utah	9,475	8,376	13.0%	9,249	8,068	226	309	0	0	0	0
Wyoming	14,491	16,340	11.0%	14,102	15,946	389	394	0	0	0	0
Pacific Contiguous	3,166	4,915	-36.0%	525	1,166	2,218	3,378	0	0	423	371
California	423	371	14.0%	0	0	0	0	0	0	423	371
Oregon	525	1,166	55.0%	525	1,166	0	0	0	0	0	0
Washington	2,218	3,378	-34.0%	0	0	2,218	3,378	0	0	0	0
Pacific Noncontiguous	779	726	7.3%	238	243	541	483	0	0	0	0
Alaska	238	243	-2.2%	238	243	0	0	0	0	0	0
Hawaii	541	483	12.0%	0	0	541	483	0	0	0	0
U.S. Total	321,890	424,743	-24.0%	240,585	314,514	76,646	104,978	4	5	4,656	5,246

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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."

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Table 4.7.A. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, September 2020 and 2019
(Thousand Barrels)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2020	September 2019	Percentage Change	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	4	10	-60.0%	0	0	4	10	0	0	0	0
Connecticut	0	0	-100.0%	0	0	0	0	0	0	0	0
Maine	4	9	-58.0%	0	0	4	9	0	0	0	0
Massachusetts	0	0	-26.0%	0	0	0	0	0	0	0	0
New Hampshire	0	0	-100.0%	0	0	0	0	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	11	132	-91.0%	0	111	5	15	0	0	6	6
New Jersey	0	1	-100.0%	0	0	0	1	0	0	0	0
New York	0	116	-100.0%	0	111	0	5	0	0	0	0
Pennsylvania	11	15	-25.0%	0	0	5	9	0	0	6	6
East North Central	32	65	-50.0%	25	49	6	13	0	0	2	3
Illinois	4	5	-22.0%	0	1	4	4	0	0	0	0
Indiana	8	11	-31.0%	8	11	0	0	0	0	0	0
Michigan	17	10	78.0%	16	8	0	0	0	0	1	2
Ohio	3	36	-92.0%	0	26	2	9	0	0	1	1
Wisconsin	1	3	-79.0%	1	3	0	0	0	0	0	0
West North Central	20	38	-47.0%	20	38	0	0	0	0	0	0
Iowa	6	7	-16.0%	6	7	0	0	0	0	0	0
Kansas	5	14	-67.0%	5	14	0	0	0	0	0	0
Minnesota	2	6	-73.0%	2	6	0	0	0	0	0	0
Missouri	7	5	32.0%	7	5	0	0	0	0	0	0
Nebraska	0	0	-100.0%	0	0	0	0	0	0	0	0
North Dakota	1	5	-80.0%	1	5	0	0	0	0	0	0
South Dakota	0	1	-100.0%	0	1	0	0	0	0	0	0
South Atlantic	97	237	-59.0%	30	199	49	23	0	0	18	15
Delaware	2	0	--	0	0	2	0	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	10	59	-84.0%	4	55	0	0	0	0	6	4
Georgia	9	18	-53.0%	0	11	0	0	0	0	9	7
Maryland	45	22	104.0%	0	0	45	22	0	0	0	0
North Carolina	8	15	-47.0%	4	10	0	0	0	0	4	4
South Carolina	10	2	336.0%	9	2	1	0	0	0	0	0
Virginia	1	106	-99.0%	0	106	1	0	0	0	0	0
West Virginia	13	15	-14.0%	13	15	0	0	0	0	0	0
East South Central	7	13	-50.0%	6	12	0	0	0	0	0	1
Alabama	0	2	-100.0%	0	2	0	0	0	0	0	0
Kentucky	4	3	26.0%	4	3	0	0	0	0	0	0
Mississippi	0	1	-100.0%	0	1	0	0	0	0	0	0
Tennessee	3	7	-62.0%	2	6	0	0	0	0	0	1
West South Central	3	20	-83.0%	3	20	1	1	0	0	0	0
Arkansas	2	5	-55.0%	2	5	0	0	0	0	0	0
Louisiana	0	2	-100.0%	0	2	0	0	0	0	0	0
Oklahoma	0	10	-100.0%	0	10	0	0	0	0	0	0
Texas	1	4	-67.0%	1	4	1	1	0	0	0	0
Mountain	21	19	7.9%	18	19	3	0	0	0	0	0
Arizona	6	3	88.0%	6	3	0	0	0	0	0	0
Colorado	0	2	-100.0%	0	2	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	2	0	--	0	0	2	0	0	0	0	0
Nevada	0	2	-71.0%	0	2	0	0	0	0	0	0
New Mexico	2	4	-43.0%	2	4	0	0	0	0	0	0
Utah	2	1	93.0%	1	1	1	0	0	0	0	0
Wyoming	7	7	-3.0%	7	7	0	0	0	0	0	0
Pacific Contiguous	2	1	96.0%	0	0	2	1	0	0	0	0
California	0	0	--	0	0	0	0	0	0	0	0
Oregon	0	0	--	0	0	0	0	0	0	0	0
Washington	2	1	96.0%	0	0	2	1	0	0	0	0
Pacific Noncontiguous	608	840	-28.0%	456	670	152	169	0	0	0	0
Alaska	4	1	188.0%	4	1	0	0	0	0	0	0
Hawaii	604	838	-28.0%	452	669	152	169	0	0	0	0
U.S. Total	805	1,376	-41.0%	557	1,119	221	232	0	0	27	25

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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."

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Table 4.7 B. Receipts of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) September 2020 and 2019
(Thousand Barrels)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2020 YTD	September 2019 YTD	Percentage Change	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	370	227	63.0%	7	14	363	214	0	0	0	0
Connecticut	98	7	NM	0	0	98	7	0	0	0	0
Maine	155	137	13.0%	0	0	155	137	0	0	0	0
Massachusetts	103	57	81.0%	5	5	98	52	0	0	0	0
New Hampshire	14	9	58.0%	2	9	12	0	0	0	0	0
Rhode Island	0	18	100.0%	0	0	0	18	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	267	918	-71.0%	15	465	201	400	0	0	51	53
New Jersey	68	31	119.0%	0	0	68	31	0	0	0	0
New York	27	574	-95.0%	15	465	12	109	0	0	0	0
Pennsylvania	172	313	-45.0%	0	0	121	260	0	0	51	53
East North Central	584	699	-16.0%	367	423	198	250	0	0	20	27
Illinois	44	73	-40.0%	3	3	41	70	0	0	0	0
Indiana	199	162	22.0%	199	162	0	0	0	0	0	0
Michigan	148	112	32.0%	135	102	0	0	0	0	13	11
Ohio	168	307	-45.0%	11	118	150	172	0	0	7	16
Wisconsin	26	45	-42.0%	19	37	7	8	0	0	0	0
West North Central	368	453	-19.0%	368	451	0	2	0	0	0	0
Iowa	78	87	-11.0%	78	87	0	0	0	0	0	0
Kansas	92	105	-12.0%	92	105	0	0	0	0	0	0
Minnesota	19	51	-63.0%	19	49	0	2	0	0	0	0
Missouri	105	130	-19.0%	105	130	0	0	0	0	0	0
Nebraska	1	15	-92.0%	1	15	0	0	0	0	0	0
North Dakota	68	54	26.0%	68	54	0	0	0	0	0	0
South Dakota	5	10	-46.0%	5	10	0	0	0	0	0	0
South Atlantic	989	1,373	-28.0%	653	1,118	203	133	0	0	133	123
Delaware	24	4	442.0%	0	0	24	4	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	162	394	-59.0%	134	366	0	0	0	0	27	28
Georgia	131	182	-28.0%	98	117	1	3	0	0	32	61
Maryland	164	108	52.0%	0	0	164	108	0	0	0	0
North Carolina	155	198	-21.0%	118	176	0	3	0	0	38	19
South Carolina	81	71	13.0%	65	64	1	2	0	0	15	6
Virginia	74	226	-67.0%	40	205	13	12	0	0	21	9
West Virginia	197	190	3.6%	197	190	0	0	0	0	0	0
East South Central	171	216	-21.0%	161	203	0	8	0	0	10	5
Alabama	6	23	-75.0%	6	14	0	8	0	0	0	0
Kentucky	91	95	-4.5%	91	95	0	0	0	0	0	0
Mississippi	8	20	-58.0%	8	20	0	0	0	0	0	0
Tennessee	66	78	-16.0%	56	73	0	0	0	0	10	5
West South Central	178	182	-2.6%	136	143	42	39	0	0	0	0
Arkansas	57	47	20.0%	42	30	14	17	0	0	0	0
Louisiana	6	26	-76.0%	6	26	0	0	0	0	0	0
Oklahoma	47	33	41.0%	47	33	0	0	0	0	0	0
Texas	68	76	-11.0%	40	54	28	22	0	0	0	0
Mountain	266	285	-6.6%	251	265	15	20	0	0	0	0
Arizona	64	97	-34.0%	64	97	0	0	0	0	0	0
Colorado	2	4	-44.0%	2	4	0	0	0	0	0	0
Idaho	0	0	--	0	0	0	0	0	0	0	0
Montana	10	15	-33.0%	0	0	10	15	0	0	0	0
Nevada	10	21	-51.0%	9	18	1	3	0	0	0	0
New Mexico	35	35	0.4%	35	35	0	0	0	0	0	0
Utah	68	62	10.0%	65	60	3	2	0	0	0	0
Wyoming	76	51	49.0%	76	51	0	0	0	0	0	0
Pacific Contiguous	10	18	-43.0%	0	6	10	12	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	10	18	-43.0%	0	6	10	12	0	0	0	0
Pacific Noncontiguous	5,625	6,566	-14.0%	4,448	5,205	1,178	1,361	0	0	0	0
Alaska	22	17	25.0%	22	17	0	0	0	0	0	0
Hawaii	5,604	6,549	14.0%	4,426	5,188	1,178	1,361	0	0	0	0
U.S. Total	8,828	10,938	-19.0%	6,405	8,292	2,210	2,438	0	0	213	207

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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."

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Table 4.8.A. Receipts of Petroleum Coke Delivered for Electricity Generation by State, September 2020 and 2019
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2020	September 2019	Percentage Change	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
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	45	14	224.0%	45	14	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	44	11	288.0%	44	11	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	2	3	-44.0%	2	3	0	0	0	0	0	0
West North Central	21	26	-18.0%	0	0	0	0	0	0	21	26
Iowa	21	26	-18.0%	0	0	0	0	0	0	21	26
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	36	37	-1.6%	36	37	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	36	37	-1.6%	36	37	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	37	54	-31.0%	37	54	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	37	54	-31.0%	37	54	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	140	131	7.4%	119	105	0	0	0	0	21	26

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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."

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Table 4.8 B Receipts of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) September 2020 and 2019
(Thousand Tons)

Census Division and State	Electric Power Sector										
	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2020 YTD	September 2019 YTD	Percentage Change	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 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	327	251	30.0%	327	251	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	291	219	33.0%	291	219	0	0	0	0	0	0
Ohio	0	0	--	0	0	0	0	0	0	0	0
Wisconsin	36	32	12.0%	36	32	0	0	0	0	0	0
West North Central	65	50	29.0%	65	50	0	0	0	0	65	50
Iowa	65	50	29.0%	65	50	0	0	0	0	65	50
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	486	340	43.0%	486	340	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	486	340	43.0%	486	340	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	1,003	829	21.0%	1,003	829	0	0	0	0	0	0
Arkansas	0	0	--	0	0	0	0	0	0	0	0
Louisiana	1,003	829	21.0%	1,003	829	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	1,880	1,470	28.0%	1,816	1,420	0	0	0	0	65	50

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

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

W = Withheld to avoid disclosure of individual company data

Notes

See Glossary for definitions. Values for 2019 are final. Values for 2020 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

Petroleum Coke includes petroleum coke-derived synthesis gas.

See the Technical Notes for fuel conversion factors.

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

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Table 4.9 A. Receipts of Natural Gas Delivered for Electricity Generation by State, September 2020 and 2019
(Million Cubic Feet)

				Electric Power Sector							
Census Division and State	All Sectors			Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2020	September 2019	Percentage Change	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	27,483	26,546	3.5%	0	26	27,432	26,520	0	0	0	0
Connecticut	12,648	11,339	12.0%	0	0	12,648	11,339	0	0	0	0
Maine	517	858	-40.0%	0	0	517	858	0	0	0	0
Massachusetts	7,254	7,552	-3.9%	24	14	7,230	7,538	0	0	0	0
New Hampshire	3,045	2,267	34.0%	27	12	3,018	2,255	0	0	0	0
Rhode Island	4,019	4,530	-11.0%	0	0	4,019	4,530	0	0	0	0
Vermont	0	0	-	0	0	0	0	0	0	0	0
Middle Atlantic	126,958	115,421	10.0%	7,973	6,087	118,265	108,603	0	0	720	730
New Jersey	16,137	24,493	-34.0%	0	0	16,137	24,493	0	0	0	0
New York	34,774	30,091	16.0%	7,973	6,087	26,278	23,467	0	0	523	536
Pennsylvania	76,047	60,838	25.0%	0	0	75,850	60,643	0	0	197	195
East North Central	74,308	95,233	-22.0%	22,529	32,045	50,137	61,654	560	533	1,082	1,001
Illinois	6,071	13,418	-55.0%	930	666	5,140	12,752	0	0	0	0
Indiana	14,770	18,812	-21.0%	6,952	9,192	7,818	9,621	0	0	0	0
Michigan	18,371	20,583	-11.0%	3,351	7,429	14,049	12,207	560	533	410	414
Ohio	26,856	30,956	-13.0%	4,587	4,800	21,837	25,817	0	0	431	339
Wisconsin	8,240	11,464	-28.0%	6,707	9,958	1,293	1,258	0	0	240	248
West North Central	11,976	25,359	-53.0%	10,450	20,953	1,196	3,844	187	184	143	378
Iowa	4,351	6,192	-30.0%	4,208	5,813	0	0	0	0	143	378
Kansas	903	2,473	64.0%	903	2,473	0	0	0	0	0	0
Minnesota	1,759	7,491	-77.0%	1,701	5,166	57	2,324	1	1	0	0
Missouri	4,403	6,532	-33.0%	3,077	4,829	1,139	1,521	187	183	0	0
Nebraska	222	1,010	-78.0%	222	1,010	0	0	0	0	0	0
North Dakota	339	1,401	-76.0%	339	1,401	0	0	0	0	0	0
South Dakota	0	260	100.0%	0	260	0	0	0	0	0	0
South Atlantic	231,396	264,099	-12.0%	192,210	218,349	35,985	43,069	0	0	3,200	2,681
Delaware	2,253	2,293	-1.8%	0	0	2,253	2,293	0	0	0	0
District of Columbia	0	0	-	0	0	0	0	0	0	0	0
Florida	118,779	127,563	-6.9%	114,635	121,999	3,810	5,173	0	0	334	391
Georgia	28,244	40,233	-30.0%	23,195	30,072	4,268	9,530	0	0	782	631
Maryland	6,965	7,537	-7.6%	689	840	6,276	6,697	0	0	0	0
North Carolina	23,398	27,952	-16.0%	18,941	21,941	4,242	5,777	0	0	215	234
South Carolina	15,463	17,309	-11.0%	14,864	16,301	381	930	0	0	219	78
Virginia	34,879	37,992	-8.2%	19,864	26,590	13,967	10,693	0	0	1,048	709
West Virginia	1,415	3,221	-56.0%	23	606	790	1,976	0	0	602	639
East South Central	79,755	104,374	-24.0%	55,383	75,640	22,150	26,742	0	0	2,221	1,993
Alabama	32,048	42,411	-24.0%	10,048	16,215	21,999	26,197	0	0	0	0
Kentucky	4,496	11,233	-60.0%	4,356	10,694	140	539	0	0	0	0
Mississippi	33,123	36,771	-9.9%	33,112	36,764	11	7	0	0	0	0
Tennessee	10,088	13,960	-28.0%	7,867	11,967	0	0	0	0	2,221	1,993
West South Central	253,025	319,756	-21.0%	77,212	106,874	125,973	158,315	0	0	49,840	54,567
Arkansas	6,098	14,240	-57.0%	4,763	12,966	1,087	1,138	0	0	249	136
Louisiana	43,597	50,503	-14.0%	27,009	27,148	2,239	5,121	0	0	14,349	18,233
Oklahoma	25,886	34,508	-25.0%	14,980	21,884	10,451	12,099	0	0	455	525
Texas	177,445	220,505	-20.0%	30,460	44,876	112,196	139,956	0	0	34,788	35,673
Mountain	84,623	78,144	8.3%	72,074	64,959	12,524	13,142	0	0	25	43
Arizona	38,430	36,060	6.6%	30,319	27,606	8,111	8,452	0	0	0	0
Colorado	11,073	9,638	15.0%	9,192	8,487	1,881	1,151	0	0	0	0
Idaho	1,274	2,516	-49.0%	1,274	1,371	0	1,145	0	0	0	0
Montana	199	250	-20.0%	199	247	0	4	0	0	0	0
Nevada	18,729	16,548	13.0%	18,729	16,548	0	0	0	0	0	0
New Mexico	7,982	8,185	-2.5%	5,451	5,795	2,531	2,390	0	0	0	0
Utah	6,439	4,736	36.0%	6,414	4,693	0	0	0	0	25	43
Wyoming	497	211	135.0%	496	211	1	0	0	0	0	0
Pacific Contiguous	81,582	80,561	1.3%	28,298	33,088	50,584	44,851	0	0	2,700	2,622
California	63,428	54,018	17.0%	19,594	17,620	41,135	33,777	0	0	2,700	2,622
Oregon	10,978	14,923	-26.0%	4,183	7,894	6,796	7,029	0	0	0	0
Washington	7,176	11,619	-38.0%	4,522	7,574	2,654	4,046	0	0	0	0
Pacific Noncontiguous	23	1,186	-98.0%	23	1,186	0	0	0	0	0	0
Alaska	23	1,186	-98.0%	23	1,186	0	0	0	0	0	0
Hawaii	0	0	-	0	0	0	0	0	0	0	0
U.S. Total	971,129	1,110,680	-13.0%	466,204	559,208	444,246	486,741	748	717	59,931	64,014

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Notes

See Glossary for definitions. Values for 2019 are final. Values for 2020 are preliminary. See Technical Notes for a discussion of the sample design for the Form EIA-923. Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.

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

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Table 4.9.B Receipts of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) September 2020 and 2019
(Million Cubic Feet)

Census Division and State	All Sectors			Electric Power Sector							
	September 2020 YTD	September 2019 YTD	Percentage Change	Electric Utilities		Independent Power Producers		Commercial Sector		Industrial Sector	
	September 2020 YTD	September 2019 YTD	Percentage Change	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	241,205	256,335	-5.9%	1,064	557	240,141	255,778	0	0	0	0
Connecticut	115,045	105,743	8.8%	0	0	115,045	105,743	0	0	0	0
Maine	5,895	7,383	-20.0%	0	0	5,895	7,383	0	0	0	0
Massachusetts	69,813	85,863	-19.0%	855	498	68,958	85,366	0	0	0	0
New Hampshire	21,236	18,443	15.0%	210	59	21,026	18,384	0	0	0	0
Rhode Island	29,217	38,903	-25.0%	0	0	29,217	38,903	0	0	0	0
Vermont	0	0	--	0	0	0	0	0	0	0	0
Middle Atlantic	1,063,473	983,079	8.2%	75,046	70,013	980,885	905,719	0	0	7,542	7,347
New Jersey	160,614	216,177	-26.0%	0	0	160,614	216,177	0	0	0	0
New York	287,957	278,922	3.2%	75,046	70,013	207,526	203,415	0	0	5,384	5,494
Pennsylvania	614,903	487,980	26.0%	0	0	612,745	486,126	0	0	2,158	1,853
East North Central	805,692	857,975	-6.1%	282,130	285,385	508,377	557,023	4,516	5,222	10,669	10,344
Illinois	86,163	123,641	-30.0%	13,895	7,900	72,248	115,724	0	0	21	17
Indiana	155,565	154,948	0.4%	69,901	71,760	85,664	83,188	0	0	0	0
Michigan	203,291	191,507	6.2%	61,874	59,701	132,597	122,264	4,516	5,222	4,304	4,319
Ohio	256,499	281,026	-8.7%	43,073	50,986	209,116	225,933	0	0	4,311	4,108
Wisconsin	104,173	106,852	-2.5%	93,388	95,038	8,753	9,914	0	0	2,033	1,900
West North Central	122,798	209,302	-41.0%	102,724	176,034	15,615	28,294	1,585	1,616	2,874	3,357
Iowa	40,772	52,059	-22.0%	37,898	48,702	0	0	0	0	2,874	3,357
Kansas	12,668	18,336	-31.0%	12,668	18,336	0	0	0	0	0	0
Minnesota	26,770	62,715	-57.0%	24,885	48,464	1,872	14,244	13	6	0	0
Missouri	37,912	48,769	-22.0%	22,597	33,109	13,743	14,050	1,573	1,610	0	0
Nebraska	1,857	10,040	-82.0%	1,857	10,040	0	0	0	0	0	0
North Dakota	2,819	11,492	-75.0%	2,819	11,492	0	0	0	0	0	0
South Dakota	0	5,890	100.0%	0	5,890	0	0	0	0	0	0
South Atlantic	2,106,122	2,133,073	-1.3%	1,743,007	1,768,958	334,615	337,799	0	0	28,500	26,316
Delaware	21,301	21,824	-2.4%	0	0	21,301	21,824	0	0	0	0
District of Columbia	0	0	--	0	0	0	0	0	0	0	0
Florida	1,010,663	993,335	1.7%	973,935	957,194	33,743	32,692	0	0	2,985	3,449
Georgia	277,508	327,227	-15.0%	209,904	246,085	60,743	75,049	0	0	6,862	6,093
Maryland	71,293	75,970	-6.2%	15,624	21,592	55,669	53,226	0	0	0	1,151
North Carolina	228,255	235,231	-3.0%	186,188	183,741	39,619	49,524	0	0	2,448	1,965
South Carolina	142,384	137,426	3.6%	138,431	133,560	2,247	3,121	0	0	1,706	745
Virginia	336,350	325,922	3.2%	218,191	224,560	109,075	93,653	0	0	9,083	7,709
West Virginia	18,368	16,136	14.0%	735	2,226	12,217	8,707	0	0	5,416	5,203
East South Central	739,635	785,003	-5.8%	521,703	566,951	197,045	198,372	0	0	20,886	19,680
Alabama	280,591	313,155	-10.0%	88,948	118,057	191,643	195,099	0	0	0	0
Kentucky	70,270	82,805	-15.0%	64,960	79,607	5,310	3,197	0	0	0	0
Mississippi	293,858	277,416	5.9%	293,766	277,340	92	76	0	0	0	0
Tennessee	94,916	111,627	-15.0%	74,030	91,947	0	0	0	0	20,886	19,680
West South Central	2,287,353	2,513,866	-9.8%	720,619	851,241	1,068,467	1,162,069	0	0	478,268	500,557
Arkansas	79,189	122,272	-35.0%	67,290	110,130	9,957	10,152	0	0	1,941	1,991
Louisiana	416,249	437,751	-4.9%	239,544	235,073	25,229	34,936	0	0	151,476	167,742
Oklahoma	251,908	262,910	-4.2%	157,680	170,450	89,649	88,471	0	0	4,580	3,989
Texas	1,520,007	1,690,933	-10.0%	256,105	335,588	943,632	1,028,510	0	0	320,270	326,835
Mountain	665,962	625,980	6.4%	567,502	527,134	98,142	98,645	0	0	318	200
Arizona	291,575	261,574	11.0%	229,772	202,527	61,803	59,047	0	0	0	0
Colorado	102,700	93,305	10.0%	88,107	79,793	14,593	13,512	0	0	0	0
Idaho	7,813	18,445	-58.0%	7,813	9,975	0	8,469	0	0	0	0
Montana	1,726	2,079	-17.0%	1,726	2,056	0	23	0	0	0	0
Nevada	141,665	132,951	6.6%	141,665	132,951	0	0	0	0	0	0
New Mexico	70,075	67,929	3.2%	48,343	50,347	21,731	17,582	0	0	0	0
Utah	46,383	47,438	-2.2%	46,065	47,238	0	0	0	0	318	200
Wyoming	4,024	2,258	78.0%	4,010	2,247	14	11	0	0	0	0
Pacific Contiguous	527,656	543,204	-2.9%	194,841	225,245	310,575	297,005	0	0	22,240	20,953
California	413,256	369,981	12.0%	138,800	127,189	252,216	221,839	0	0	22,240	20,953
Oregon	73,368	103,845	-29.0%	27,928	52,103	45,440	51,741	0	0	0	0
Washington	41,032	69,378	-41.0%	28,113	45,953	12,919	23,425	0	0	0	0
Pacific Noncontiguous	215	11,414	-98.0%	215	11,414	0	0	0	0	0	0
Alaska	215	11,414	-98.0%	215	11,414	0	0	0	0	0	0
Hawaii	0	0	--	0	0	0	0	0	0	0	0
U.S. Total	8,540,112	8,919,230	-4.3%	4,208,852	4,482,932	3,753,863	3,840,704	6,102	6,838	571,296	588,755

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Notes

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

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Table 4.10.A. Average Cost of Coal Delivered for Electricity Generation by State, September 2020 and 2019
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2020	September 2019	Percentage Change	September 2020	September 2019	September 2020	September 2019
New England	W	W	W	--	--	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	1.71	1.77	-3.4%	--	--	1.71	1.77
New Jersey	W	W	W	--	--	W	W
New York	--	--	--	--	--	--	--
Pennsylvania	W	W	W	--	--	W	W
East North Central	1.89	1.96	-3.6%	1.96	2.09	1.77	1.79
Illinois	W	W	W	1.61	1.92	W	W
Indiana	W	W	W	2.02	2.08	W	W
Michigan	W	W	W	1.98	2.09	W	W
Ohio	1.75	1.77	-1.1%	1.91	1.78	1.73	1.77
Wisconsin	1.92	2.20	-13.0%	1.92	2.20	--	--
West North Central	1.55	1.61	-3.7%	1.55	1.61	--	--
Iowa	1.55	1.52	2.0%	1.55	1.52	--	--
Kansas	1.46	1.60	-8.8%	1.46	1.60	--	--
Minnesota	1.91	1.97	-3.0%	1.91	1.97	--	--
Missouri	1.58	1.63	-3.1%	1.58	1.63	--	--
Nebraska	1.27	1.23	3.3%	1.27	1.23	--	--
North Dakota	1.54	1.67	-7.8%	1.54	1.67	--	--
South Dakota	1.95	1.64	19.0%	1.95	1.64	--	--
South Atlantic	2.38	2.54	-6.3%	2.49	2.55	1.71	2.36
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.44	2.83	-14.0%	2.44	2.83	--	--
Georgia	2.69	2.68	0.4%	2.69	2.68	--	--
Maryland	2.63	W	W	--	--	2.63	W
North Carolina	W	W	W	2.53	2.68	W	W
South Carolina	W	3.13	W	3.22	3.13	W	--
Virginia	2.49	W	W	2.49	3.24	--	W
West Virginia	W	2.09	W	2.20	2.11	W	1.80
East South Central	W	W	W	1.99	2.04	W	W
Alabama	2.25	2.25	0.0%	2.25	2.25	--	--
Kentucky	1.83	1.89	-3.2%	1.83	1.89	--	--
Mississippi	W	W	W	2.55	2.90	W	W
Tennessee	2.01	2.01	0.0%	2.01	2.01	--	--
West South Central	1.98	1.69	17.0%	2.41	1.83	1.54	1.56
Arkansas	W	W	W	1.90	1.90	W	W
Louisiana	W	W	W	10.83	1.83	W	W
Oklahoma	1.58	1.68	-6.0%	1.58	1.68	--	--
Texas	W	W	W	1.90	1.82	W	W
Mountain	W	W	W	1.99	1.91	W	W
Arizona	2.14	2.36	-9.3%	2.14	2.36	--	--
Colorado	1.65	1.70	-2.9%	1.65	1.70	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	2.07	1.97	W	W
Nevada	W	W	W	--	2.61	W	W
New Mexico	2.54	2.21	15.0%	2.54	2.21	--	--
Utah	2.02	1.99	1.5%	2.02	1.99	--	--
Wyoming	W	W	W	1.84	1.57	W	W
Pacific Contiguous	W	W	W	--	2.39	W	W
California	--	--	--	--	--	--	--
Oregon	--	2.39	--	--	2.39	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	3.25	3.73	W	W
Alaska	3.25	3.73	-13.0%	3.25	3.73	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	1.94	1.95	-0.5%	2.00	2.01	1.72	1.75

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Notes

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See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

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."

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Table 4.10.B. Average Cost of Coal Delivered for Electricity Generation by State, (Year-to-Date) September 2020 and 2019
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2020 YTD	September 2019 YTD	Percentage Change	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	W	W	W	3.12	3.54	W	W
Connecticut	--	--	--	--	--	--	--
Maine	W	W	W	--	--	W	W
Massachusetts	--	--	--	--	--	--	--
New Hampshire	3.12	3.54	-12.0%	3.12	3.54	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	1.80	1.91	-5.8%	2.99	--	1.79	1.91
New Jersey	W	W	W	--	--	W	W
New York	--	W	W	--	--	--	W
Pennsylvania	W	1.85	W	2.99	--	W	1.85
East North Central	1.89	1.99	-5.0%	2.00	2.12	1.74	1.81
Illinois	W	W	W	1.60	1.97	W	W
Indiana	W	W	W	2.08	2.14	W	W
Michigan	W	W	W	2.02	2.09	W	W
Ohio	1.78	1.80	-1.1%	1.87	1.82	1.77	1.80
Wisconsin	1.98	2.24	-12.0%	1.98	2.24	--	--
West North Central	1.58	1.63	-4.3%	1.56	1.63	--	--
Iowa	1.51	1.55	-2.6%	1.51	1.55	--	--
Kansas	1.57	1.62	-3.1%	1.57	1.62	--	--
Minnesota	1.94	2.02	-4.0%	1.94	2.02	--	--
Missouri	1.56	1.67	-6.6%	1.56	1.67	--	--
Nebraska	1.23	1.24	-0.8%	1.23	1.24	--	--
North Dakota	1.61	1.59	1.3%	1.61	1.59	--	--
South Dakota	1.92	1.82	5.5%	1.92	1.82	--	--
South Atlantic	2.41	2.60	-7.3%	2.46	2.62	1.96	2.39
Delaware	--	W	W	--	--	--	W
District of Columbia	--	--	--	--	--	--	--
Florida	2.52	2.87	-12.0%	2.52	2.87	--	--
Georgia	2.72	2.71	0.4%	2.72	2.71	--	--
Maryland	W	2.67	W	--	--	W	2.67
North Carolina	W	W	W	2.58	2.86	W	W
South Carolina	W	W	W	3.17	3.21	W	W
Virginia	2.49	W	W	2.49	2.78	--	W
West Virginia	W	2.08	W	2.13	2.11	W	1.95
East South Central	W	W	W	1.96	2.08	W	W
Alabama	2.10	2.35	-11.0%	2.10	2.35	--	--
Kentucky	1.87	1.92	-2.6%	1.87	1.92	--	--
Mississippi	W	W	W	2.75	3.08	W	W
Tennessee	1.96	2.14	-8.4%	1.96	2.14	--	--
West South Central	1.82	1.87	-2.7%	2.06	2.10	1.59	1.59
Arkansas	W	W	W	1.86	1.98	W	W
Louisiana	W	W	W	3.86	3.14	W	W
Oklahoma	1.57	1.73	-9.2%	1.57	1.73	--	--
Texas	W	W	W	2.00	2.04	W	W
Mountain	W	W	W	1.97	2.07	W	W
Arizona	2.15	2.63	-18.0%	2.15	2.63	--	--
Colorado	1.69	1.78	-5.1%	1.69	1.78	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	2.21	1.98	W	W
Nevada	W	W	W	2.39	2.78	W	W
New Mexico	2.53	2.45	3.3%	2.53	2.45	--	--
Utah	2.05	1.98	3.5%	2.05	1.98	--	--
Wyoming	W	W	W	1.73	1.70	W	W
Pacific Contiguous	W	W	W	2.18	2.27	W	W
California	--	--	--	--	--	--	--
Oregon	2.18	2.27	4.0%	2.18	2.27	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	3.47	3.49	W	W
Alaska	3.47	3.49	-0.6%	3.47	3.49	--	--
Hawaii	W	W	W	--	--	W	W
U.S. Total	1.91	2.03	-5.9%	1.96	2.10	1.75	1.82

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Notes

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See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

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."

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Table 4.11.A. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, September 2020 and 2019
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2020	September 2019	Percentage Change	September 2020	September 2019	September 2020	September 2019
New England	W	W	W	--	17.07	W	W
Connecticut	--	W	W	--	--	--	W
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	--	17.65	W	W
New Hampshire	--	16.10	--	--	16.10	--	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	W	11.05	W	--	10.74	W	13.38
New Jersey	--	12.87	--	--	--	--	12.87
New York	--	W	W	--	10.74	--	W
Pennsylvania	W	W	W	--	--	W	W
East North Central	9.15	14.92	-39.0%	9.07	14.97	9.51	14.76
Illinois	W	15.67	W	--	15.95	W	15.62
Indiana	9.83	15.54	-37.0%	9.83	15.54	--	--
Michigan	8.61	14.37	-40.0%	8.61	14.37	--	--
Ohio	W	15.01	W	14.48	15.23	W	14.36
Wisconsin	8.83	12.37	-29.0%	8.83	12.37	--	--
West North Central	9.16	14.47	-37.0%	9.16	14.47	--	--
Iowa	9.10	13.82	-34.0%	9.10	13.82	--	--
Kansas	9.28	14.84	-37.0%	9.28	14.84	--	--
Minnesota	9.38	15.13	-38.0%	9.38	15.13	--	--
Missouri	9.04	13.98	-35.0%	9.04	13.98	--	--
Nebraska	--	14.28	--	--	14.28	--	--
North Dakota	9.42	14.23	-34.0%	9.42	14.23	--	--
South Dakota	--	14.02	--	--	14.02	--	--
South Atlantic	W	12.19	W	9.42	11.97	W	14.15
Delaware	W	--	W	--	--	W	--
District of Columbia	--	--	--	--	--	--	--
Florida	9.41	15.53	-39.0%	9.41	15.53	--	--
Georgia	--	W	W	--	15.21	--	W
Maryland	9.17	W	W	--	--	9.17	W
North Carolina	8.70	W	W	8.70	14.61	--	W
South Carolina	W	14.76	W	8.91	14.76	W	--
Virginia	W	9.13	W	--	9.13	W	--
West Virginia	10.02	15.90	-37.0%	10.02	15.90	--	--
East South Central	9.76	14.50	-33.0%	9.76	14.50	--	--
Alabama	--	15.42	--	--	15.42	--	--
Kentucky	10.48	14.24	26.0%	10.48	14.24	--	--
Mississippi	--	14.46	--	--	14.46	--	--
Tennessee	8.55	14.43	-41.0%	8.55	14.43	--	--
West South Central	W	W	W	9.72	14.72	W	W
Arkansas	10.10	14.68	-31.0%	10.10	14.68	--	--
Louisiana	--	14.66	--	--	14.66	--	--
Oklahoma	--	14.76	--	--	14.76	--	--
Texas	W	W	W	8.40	14.71	W	W
Mountain	W	16.85	W	10.44	16.85	W	--
Arizona	10.25	14.33	-28.0%	10.25	14.33	--	--
Colorado	--	18.73	--	--	18.73	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	--	W	--	--	W	--
Nevada	11.32	16.62	-32.0%	11.32	16.62	--	--
New Mexico	11.17	19.11	-42.0%	11.17	19.11	--	--
Utah	W	16.80	W	11.46	16.80	W	--
Wyoming	10.14	16.46	-38.0%	10.14	16.46	--	--
Pacific Contiguous	W	W	W	--	--	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	--	W	W
Pacific Noncontiguous	W	W	W	9.79	12.31	W	W
Alaska	10.65	16.34	-35.0%	10.65	16.34	--	--
Hawaii	W	W	W	9.79	12.30	W	W
U.S. Total	9.65	12.64	-24.0%	9.74	12.41	9.42	13.79

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 See Technical Notes for a discussion of the sample design for the Form EIA-923.
 Totals may not equal sum of components because of independent rounding. Percentage change is calculated before rounding.
 Petroleum Liquids includes distillate and residual fuel oils.
 See the Technical Notes for fuel conversion factors.

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

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Table 4.11.B. Average Cost of Petroleum Liquids Delivered for Electricity Generation by State, (Year-to-Date) September 2020 and 2019
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2020 YTD	September 2019 YTD	Percentage Change	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	W	11.12	W	10.22	16.32	W	10.81
Connecticut	W	16.59	W	--	--	W	16.59
Maine	W	W	W	--	--	W	W
Massachusetts	W	W	W	7.37	14.34	W	W
New Hampshire	W	17.46	W	17.38	17.46	W	--
Rhode Island	--	W	W	--	--	--	W
Vermont	--	--	--	--	--	--	--
Middle Atlantic	W	W	W	5.22	11.87	W	W
New Jersey	W	12.95	W	--	--	W	12.95
New York	7.68	12.40	-38.0%	5.22	11.87	10.75	14.78
Pennsylvania	9.01	W	W	--	--	9.01	W
East North Central	10.18	15.10	-33.0%	9.94	14.61	10.62	15.92
Illinois	W	W	W	10.76	15.72	W	W
Indiana	10.29	14.78	-30.0%	10.29	14.78	--	--
Michigan	9.51	13.84	-31.0%	9.51	13.84	--	--
Ohio	10.45	15.33	-32.0%	10.35	15.30	10.46	15.35
Wisconsin	W	W	W	9.06	13.80	W	W
West North Central	9.64	14.69	-34.0%	9.64	14.69	--	--
Iowa	9.51	14.51	-34.0%	9.51	14.51	--	--
Kansas	9.85	14.92	-34.0%	9.85	14.92	--	--
Minnesota	9.56	14.97	-36.0%	9.56	14.97	--	--
Missouri	8.96	14.69	-39.0%	8.96	14.69	--	--
Nebraska	11.52	14.77	-22.0%	11.52	14.77	--	--
North Dakota	10.57	14.33	-26.0%	10.57	14.33	--	--
South Dakota	8.82	14.14	-38.0%	8.82	14.14	--	--
South Atlantic	10.50	14.43	-27.0%	11.04	14.47	8.62	14.11
Delaware	W	W	W	--	--	W	W
District of Columbia	--	--	--	--	--	--	--
Florida	8.97	15.35	-42.0%	8.97	15.35	--	--
Georgia	W	W	W	11.03	14.90	W	W
Maryland	8.45	14.20	-40.0%	--	--	8.45	14.20
North Carolina	10.69	W	W	10.69	14.67	--	W
South Carolina	W	W	W	10.26	15.13	W	W
Virginia	W	W	W	14.70	11.56	W	W
West Virginia	12.18	15.38	-21.0%	12.18	15.38	--	--
East South Central	10.31	W	W	10.31	14.45	--	W
Alabama	9.58	W	W	9.58	15.13	--	W
Kentucky	10.39	14.53	-28.0%	10.39	14.53	--	--
Mississippi	10.27	14.34	-28.0%	10.27	14.34	--	--
Tennessee	10.25	14.25	-28.0%	10.25	14.25	--	--
West South Central	9.47	W	W	9.44	14.79	9.55	W
Arkansas	W	W	W	9.77	14.98	W	W
Louisiana	10.82	14.68	-26.0%	10.82	14.68	--	--
Oklahoma	7.74	15.29	-49.0%	7.74	15.29	--	--
Texas	W	W	W	10.90	14.42	W	W
Mountain	12.75	16.74	-24.0%	12.78	16.80	12.21	15.94
Arizona	13.00	16.78	-23.0%	13.00	16.78	--	--
Colorado	11.70	17.93	-35.0%	11.70	17.93	--	--
Idaho	--	--	--	--	--	--	--
Montana	W	W	W	--	--	W	W
Nevada	W	W	W	14.28	16.07	W	W
New Mexico	12.93	18.70	-31.0%	12.93	18.70	--	--
Utah	W	W	W	12.89	16.69	W	W
Wyoming	12.30	15.87	-22.0%	12.30	15.87	--	--
Pacific Contiguous	W	W	W	--	16.52	W	W
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	W	W	W	--	16.52	W	W
Pacific Noncontiguous	W	W	W	9.50	12.97	W	W
Alaska	11.58	15.43	-25.0%	11.58	15.43	--	--
Hawaii	W	W	W	9.49	12.96	W	W
U.S. Total	9.68	13.70	-29.0%	9.81	13.46	9.27	14.53

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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."

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Table 4.12 A. Average Cost of Petroleum Coke Delivered for Electricity Generation by State, September 2020 and 2019
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2020	September 2019	Percentage Change	September 2020	September 2019	September 2020	September 2019
New England							
Connecticut							
Maine							
Massachusetts							
New Hampshire							
Rhode Island							
Vermont							
Middle Atlantic							
New Jersey							
New York							
Pennsylvania							
East North Central	1.25	1.60	-22.0%	1.25	1.60		
Illinois							
Indiana							
Michigan	1.23	1.53	-20.0%	1.23	1.53		
Ohio							
Wisconsin	1.82	1.86	-2.2%	1.82	1.86		
West North Central							
Iowa							
Kansas							
Minnesota							
Missouri							
Nebraska							
North Dakota							
South Dakota							
South Atlantic	2.56	2.36	8.5%	2.56	2.36		
Delaware							
District of Columbia							
Florida	2.56	2.36	8.5%	2.56	2.36		
Georgia							
Maryland							
North Carolina							
South Carolina							
Virginia							
West Virginia							
East South Central							
Alabama							
Kentucky							
Mississippi							
Tennessee							
West South Central	2.23	1.26	77.0%	2.23	1.26		
Arkansas							
Louisiana	2.23	1.26	77.0%	2.23	1.26		
Oklahoma							
Texas							
Mountain							
Arizona							
Colorado							
Idaho							
Montana							
Nevada							
New Mexico							
Utah							
Wyoming							
Pacific Contiguous							
California							
Oregon							
Washington							
Pacific Noncontiguous							
Alaska							
Hawaii							
U.S. Total	1.97	1.68	17.0%	1.97	1.68		

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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."

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Table 4 12.B Average Cost of Petroleum Coke Delivered for Electricity Generation by State, (Year-to-Date) September 2020 and 2019
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2020 YTD	September 2019 YTD	Percentage Change	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	--	--	--	--	--	--	--
Connecticut	--	--	--	--	--	--	--
Maine	--	--	--	--	--	--	--
Massachusetts	--	--	--	--	--	--	--
New Hampshire	--	--	--	--	--	--	--
Rhode Island	--	--	--	--	--	--	--
Vermont	--	--	--	--	--	--	--
Middle Atlantic	--	--	--	--	--	--	--
New Jersey	--	--	--	--	--	--	--
New York	--	--	--	--	--	--	--
Pennsylvania	--	--	--	--	--	--	--
East North Central	1.26	1.58	-20.0%	1.26	1.58	--	--
Illinois	--	--	--	--	--	--	--
Indiana	--	--	--	--	--	--	--
Michigan	1.18	1.53	-23.0%	1.18	1.53	--	--
Ohio	--	--	--	--	--	--	--
Wisconsin	1.88	1.87	0.5%	1.88	1.87	--	--
West North Central	--	--	--	--	--	--	--
Iowa	--	--	--	--	--	--	--
Kansas	--	--	--	--	--	--	--
Minnesota	--	--	--	--	--	--	--
Missouri	--	--	--	--	--	--	--
Nebraska	--	--	--	--	--	--	--
North Dakota	--	--	--	--	--	--	--
South Dakota	--	--	--	--	--	--	--
South Atlantic	2.06	2.67	-23.0%	2.06	2.67	--	--
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	2.06	2.67	-23.0%	2.06	2.67	--	--
Georgia	--	--	--	--	--	--	--
Maryland	--	--	--	--	--	--	--
North Carolina	--	--	--	--	--	--	--
South Carolina	--	--	--	--	--	--	--
Virginia	--	--	--	--	--	--	--
West Virginia	--	--	--	--	--	--	--
East South Central	--	--	--	--	--	--	--
Alabama	--	--	--	--	--	--	--
Kentucky	--	--	--	--	--	--	--
Mississippi	--	--	--	--	--	--	--
Tennessee	--	--	--	--	--	--	--
West South Central	1.43	2.04	-30.0%	1.43	2.04	--	--
Arkansas	--	--	--	--	--	--	--
Louisiana	1.43	2.04	-30.0%	1.43	2.04	--	--
Oklahoma	--	--	--	--	--	--	--
Texas	--	--	--	--	--	--	--
Mountain	--	--	--	--	--	--	--
Arizona	--	--	--	--	--	--	--
Colorado	--	--	--	--	--	--	--
Idaho	--	--	--	--	--	--	--
Montana	--	--	--	--	--	--	--
Nevada	--	--	--	--	--	--	--
New Mexico	--	--	--	--	--	--	--
Utah	--	--	--	--	--	--	--
Wyoming	--	--	--	--	--	--	--
Pacific Contiguous	--	--	--	--	--	--	--
California	--	--	--	--	--	--	--
Oregon	--	--	--	--	--	--	--
Washington	--	--	--	--	--	--	--
Pacific Noncontiguous	--	--	--	--	--	--	--
Alaska	--	--	--	--	--	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	1.57	2.11	-26.0%	1.57	2.11	--	--

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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."

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Table 4.13.A Average Cost of Natural Gas Delivered for Electricity Generation by State, September 2020 and 2019
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2020	September 2019	Percentage Change	September 2020	September 2019	September 2020	September 2019
New England	W	W	W	2.11	4.43	W	W
Connecticut	1.71	2.28	-25.0%	--	--	1.71	2.28
Maine	W	W	W	--	--	W	--
Massachusetts	1.78	2.83	-37.0%	2.22	2.72	1.78	2.83
New Hampshire	W	W	W	2.01	6.28	W	W
Rhode Island	W	2.19	W	--	--	W	2.19
Vermont	--	--	--	--	--	--	--
Middle Atlantic	1.42	2.03	-30.0%	1.82	2.10	1.39	2.02
New Jersey	1.38	2.40	-43.0%	--	--	1.38	2.40
New York	1.71	2.16	-21.0%	1.82	2.10	1.67	2.18
Pennsylvania	1.29	1.82	-29.0%	--	--	1.29	1.82
East North Central	1.94	2.37	-18.0%	2.07	2.50	1.89	2.30
Illinois	W	W	W	2.06	2.94	W	W
Indiana	2.00	2.44	-18.0%	2.15	2.55	1.87	2.33
Michigan	1.98	2.48	-20.0%	2.16	2.70	1.94	2.35
Ohio	1.82	2.16	-16.0%	1.65	2.25	1.86	2.14
Wisconsin	W	W	W	2.25	2.40	W	W
West North Central	W	W	W	2.27	2.41	W	W
Iowa	1.92	2.19	-12.0%	1.92	2.19	--	--
Kansas	2.68	2.41	11.0%	2.68	2.41	--	--
Minnesota	W	W	W	2.93	2.67	W	W
Missouri	W	W	W	2.19	2.17	W	W
Nebraska	2.83	2.66	6.4%	2.83	2.66	--	--
North Dakota	2.76	3.05	-9.5%	2.76	3.05	--	--
South Dakota	--	2.13	--	--	2.13	--	--
South Atlantic	2.86	3.07	-6.8%	2.99	3.13	1.99	2.67
Delaware	--	--	--	--	--	--	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	3.36	W	3.24	3.36	W	3.24
Georgia	2.36	2.69	-12.0%	2.37	2.65	2.34	2.82
Maryland	W	W	W	3.36	3.33	W	W
North Carolina	W	3.17	W	3.46	3.30	W	2.69
South Carolina	2.63	3.08	-15.0%	2.63	3.08	--	--
Virginia	1.87	2.51	-25.0%	2.10	2.55	1.44	2.39
West Virginia	W	W	W	1.92	2.13	W	W
East South Central	2.41	2.72	-11.0%	2.41	2.69	2.42	2.82
Alabama	W	W	W	2.67	2.77	W	W
Kentucky	W	W	W	3.13	2.91	W	W
Mississippi	W	W	W	2.22	2.61	W	W
Tennessee	2.48	2.64	-6.1%	2.48	2.64	--	--
West South Central	2.23	2.37	-5.9%	2.35	2.37	2.13	2.38
Arkansas	W	W	W	2.04	2.75	W	W
Louisiana	W	W	W	2.27	2.65	W	W
Oklahoma	W	W	W	3.05	2.15	W	W
Texas	2.15	2.34	8.1%	2.14	2.19	2.15	2.39
Mountain	2.78	2.37	17.0%	2.76	2.32	2.94	2.83
Arizona	W	W	W	2.73	2.26	W	W
Colorado	W	W	W	3.01	2.88	W	W
Idaho	2.70	2.65	1.9%	2.70	2.65	--	--
Montana	1.85	W	W	1.85	0.65	--	W
Nevada	3.00	2.29	31.0%	3.00	2.29	--	--
New Mexico	1.70	1.84	7.6%	1.70	1.84	--	--
Utah	2.79	2.22	26.0%	2.79	2.22	--	--
Wyoming	W	W	W	2.52	2.80	W	W
Pacific Contiguous	3.51	2.89	21.0%	3.34	2.82	3.64	2.95
California	3.82	3.39	13.0%	3.75	3.71	3.87	3.17
Oregon	W	W	W	2.16	1.65	W	W
Washington	W	W	W	2.90	2.31	W	W
Pacific Noncontiguous	7.82	7.04	11.0%	7.82	7.04	--	--
Alaska	7.82	7.04	11.0%	7.82	7.04	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.41	2.60	-7.3%	2.72	2.75	2.02	2.38

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

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Notes

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See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

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

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Table 4 13.B Average Cost of Natural Gas Delivered for Electricity Generation by State, (Year-to-Date) September 2020 and 2019
(Dollars per MMBtu)

Census Division and State	Electric Power Sector			Electric Utilities		Independent Power Producers	
	September 2020 YTD	September 2019 YTD	Percentage Change	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	W	W	W	2.07	3.35	W	W
Connecticut	2.16	3.45	-37.0%	--	--	2.16	3.45
Maine	W	W	W	--	--	W	W
Massachusetts	3.37	4.37	-23.0%	1.80	3.02	3.40	4.39
New Hampshire	W	W	W	3.17	6.11	W	W
Rhode Island	W	3.18	W	--	--	W	3.18
Vermont	--	--	--	--	--	--	--
Middle Atlantic	1.72	2.69	-36.0%	2.23	3.22	1.68	2.64
New Jersey	1.78	2.89	-38.0%	--	--	1.78	2.89
New York	1.96	3.01	-35.0%	2.23	3.22	1.86	2.93
Pennsylvania	1.58	2.43	-35.0%	--	--	1.58	2.43
East North Central	1.91	2.69	-29.0%	2.06	2.79	1.83	2.64
Illinois	W	3.11	W	1.93	3.05	W	3.11
Indiana	1.95	W	W	2.06	2.83	1.87	W
Michigan	1.97	2.67	-26.0%	2.11	2.79	1.90	2.62
Ohio	1.75	2.51	-30.0%	1.73	2.64	1.75	2.48
Wisconsin	W	W	W	2.21	2.82	W	W
West North Central	W	W	W	2.14	2.72	W	W
Iowa	1.82	2.52	-28.0%	1.82	2.52	--	--
Kansas	2.49	2.75	-9.5%	2.49	2.75	--	--
Minnesota	W	W	W	2.45	2.96	W	W
Missouri	W	W	W	2.00	2.50	W	W
Nebraska	3.22	2.82	14.0%	3.22	2.82	--	--
North Dakota	2.57	3.18	-19.0%	2.57	3.18	--	--
South Dakota	--	2.58	--	--	2.58	--	--
South Atlantic	2.73	3.45	-21.0%	2.85	3.54	1.96	2.87
Delaware	W	--	W	--	--	W	--
District of Columbia	--	--	--	--	--	--	--
Florida	W	3.74	W	3.00	3.74	W	3.39
Georgia	W	2.93	W	2.23	2.93	W	2.94
Maryland	2.27	3.16	-28.0%	2.44	3.41	2.22	3.06
North Carolina	W	3.59	W	3.25	3.79	W	2.82
South Carolina	2.59	3.20	-19.0%	2.59	3.20	--	--
Virginia	2.34	3.18	-26.0%	2.61	3.34	1.58	2.62
West Virginia	W	2.27	W	1.84	2.40	W	2.24
East South Central	2.26	2.87	-21.0%	2.29	2.88	2.12	2.82
Alabama	W	W	W	2.32	2.88	W	W
Kentucky	W	W	W	2.82	3.28	W	W
Mississippi	W	W	W	2.16	2.77	W	W
Tennessee	2.33	2.87	-19.0%	2.33	2.87	--	--
West South Central	1.97	2.44	-19.0%	2.01	2.42	1.94	2.46
Arkansas	W	W	W	1.97	2.68	W	W
Louisiana	W	W	W	2.09	2.73	W	W
Oklahoma	W	W	W	2.15	2.46	W	W
Texas	1.93	2.36	-18.0%	1.85	2.10	1.95	2.46
Mountain	2.32	2.57	-9.7%	2.30	2.53	2.61	2.96
Arizona	W	W	W	2.21	2.06	W	W
Colorado	W	W	W	2.67	3.05	W	W
Idaho	2.36	4.31	45.0%	2.36	4.31	--	--
Montana	1.62	W	W	1.62	1.44	--	W
Nevada	2.50	3.02	-17.0%	2.50	3.02	--	--
New Mexico	1.40	1.14	23.0%	1.40	1.14	--	--
Utah	2.32	3.08	-25.0%	2.32	3.08	--	--
Wyoming	W	W	W	2.02	3.16	W	W
Pacific Contiguous	2.88	3.50	-18.0%	2.88	3.50	2.87	3.50
California	W	3.88	W	3.14	4.28	W	3.58
Oregon	W	W	W	1.93	2.11	W	W
Washington	W	W	W	2.73	3.24	W	W
Pacific Noncontiguous	7.86	6.93	13.0%	7.86	6.93	--	--
Alaska	7.86	6.93	13.0%	7.86	6.93	--	--
Hawaii	--	--	--	--	--	--	--
U.S. Total	2.26	2.92	-23.0%	2.48	3.05	1.96	2.75

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Notes

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See Technical Notes for a discussion of the sample design for the Form EIA-923.

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

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

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Table 4.14 Receipts and Quality of Coal by Rank Delivered for Electricity Generation Total (All Sectors) by State, September 2020

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	5	0.58	6.7	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	5	0.58	6.7	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	633	2.61	10.4	0	--	--	0	--	--
New Jersey	36	1.58	8.2	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	597	2.67	10.5	0	--	--	0	--	--
East North Central	3,928	3.29	10.1	4,437	0.24	4.7	0	--	--
Illinois	537	3.39	19.2	1,478	0.20	4.6	0	--	--
Indiana	1,779	2.98	9.1	95	0.30	4.9	0	--	--
Michigan	164	2.25	7.5	1,653	0.28	4.7	0	--	--
Ohio	1,401	3.78	8.9	0	--	--	0	--	--
Wisconsin	47	2.25	7.5	1,210	0.23	4.8	0	--	--
West North Central	55	2.88	9.2	6,421	0.27	5.0	1,628	0.79	9.6
Iowa	14	2.93	8.7	995	0.24	4.9	0	--	--
Kansas	10	2.70	12.1	1,382	0.31	4.9	0	--	--
Minnesota	0	--	--	785	0.34	6.0	0	--	--
Missouri	31	2.91	8.4	2,345	0.24	4.9	0	--	--
Nebraska	0	--	--	843	0.23	4.7	0	--	--
North Dakota	0	--	--	0	--	--	1,628	0.79	9.6
South Dakota	0	--	--	70	0.87	5.4	0	--	--
South Atlantic	4,011	2.63	9.3	395	0.30	4.9	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	789	2.67	8.4	0	--	--	0	--	--
Georgia	369	2.65	8.6	395	0.30	4.9	0	--	--
Maryland	117	2.13	11.8	0	--	--	0	--	--
North Carolina	761	1.76	8.9	0	--	--	0	--	--
South Carolina	304	1.81	9.4	0	--	--	0	--	--
Virginia	162	1.72	8.9	0	--	--	0	--	--
West Virginia	1,509	3.34	10.0	0	--	--	0	--	--
East South Central	2,188	2.62	9.4	1,479	0.27	5.4	190	0.43	13.3
Alabama	284	0.91	11.3	816	0.28	5.4	0	--	--
Kentucky	1,509	2.92	9.2	444	0.25	5.4	0	--	--
Mississippi	0	--	--	175	0.31	5.4	190	0.43	13.3
Tennessee	395	2.61	9.0	44	0.24	5.9	0	--	--
West South Central	50	2.59	8.9	4,195	0.29	5.2	1,479	1.02	16.2
Arkansas	6	0.44	9.6	761	0.23	5.2	0	--	--
Louisiana	43	2.94	8.8	114	0.24	4.9	67	0.56	15.3
Oklahoma	0	--	--	578	0.20	4.7	0	--	--
Texas	0	--	--	2,742	0.32	5.3	1,412	1.04	16.3
Mountain	1,465	0.54	13.5	4,371	0.44	9.6	12	0.64	10.1
Arizona	0	--	--	824	0.63	10.8	0	--	--
Colorado	136	0.52	11.1	829	0.33	5.9	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	345	0.69	8.6	12	0.64	10.1
Nevada	0	--	--	30	0.22	4.7	0	--	--
New Mexico	232	0.90	23.8	556	0.09	21.0	0	--	--
Utah	1,097	0.48	11.9	53	0.94	9.2	0	--	--
Wyoming	0	--	--	1,733	0.44	7.4	0	--	--
Pacific Contiguous	33	0.35	10.5	340	0.35	8.6	0	--	--
California	33	0.35	10.5	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	340	0.35	8.6	0	--	--
Pacific Noncontiguous	0	--	--	61	0.16	6.0	16	0.19	12.0
Alaska	0	--	--	0	--	--	16	0.19	12.0
Hawaii	0	--	--	61	0.16	6.0	0	--	--
U.S. Total	12,367	2.60	10.1	21,698	0.30	6.0	3,324	0.87	12.7

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

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Notes

Bituminous coal includes anthracite coal and coal-derived synthesis gas

See Glossary for definitions. Values for 2020 are preliminary. Values for 2019 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"

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Table 4.15. Receipts and Quality of Coal by Rank Delivered for Electricity Generation Electric Utilities by State, September 2020

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	2,020	2.96	9.0	3,119	0.26	4.8	0	--	--
Illinois	91	2.48	11.0	161	0.20	4.6	0	--	--
Indiana	1,576	2.96	9.1	95	0.30	4.9	0	--	--
Michigan	124	2.63	7.6	1,653	0.28	4.7	0	--	--
Ohio	182	3.57	8.9	0	--	--	0	--	--
Wisconsin	47	2.25	7.5	1,210	0.23	4.8	0	--	--
West North Central	41	2.86	9.3	6,229	0.27	5.1	1,628	0.79	9.6
Iowa	0	--	--	864	0.24	5.0	0	--	--
Kansas	10	2.70	12.1	1,382	0.31	4.9	0	--	--
Minnesota	0	--	--	785	0.34	6.0	0	--	--
Missouri	31	2.91	8.4	2,345	0.24	4.9	0	--	--
Nebraska	0	--	--	783	0.23	4.8	0	--	--
North Dakota	0	--	--	0	--	--	1,628	0.79	9.6
South Dakota	0	--	--	70	0.87	5.4	0	--	--
South Atlantic	3,404	2.52	9.3	395	0.30	4.9	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	779	2.70	8.4	0	--	--	0	--	--
Georgia	359	2.72	8.6	395	0.30	4.9	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	745	1.78	8.9	0	--	--	0	--	--
South Carolina	294	1.83	9.4	0	--	--	0	--	--
Virginia	161	1.73	8.9	0	--	--	0	--	--
West Virginia	1,067	3.16	10.4	0	--	--	0	--	--
East South Central	2,156	2.65	9.5	1,479	0.27	5.4	0	--	--
Alabama	284	0.91	11.3	816	0.28	5.4	0	--	--
Kentucky	1,509	2.92	9.2	444	0.25	5.4	0	--	--
Mississippi	0	--	--	175	0.31	5.4	0	--	--
Tennessee	363	2.79	9.1	44	0.24	5.9	0	--	--
West South Central	43	2.94	8.8	2,468	0.23	4.9	217	1.72	23.0
Arkansas	0	--	--	629	0.22	4.7	0	--	--
Louisiana	43	2.94	8.8	65	0.19	4.7	67	0.56	15.3
Oklahoma	0	--	--	578	0.20	4.7	0	--	--
Texas	0	--	--	1,196	0.25	5.1	150	2.38	27.3
Mountain	1,465	0.54	13.5	3,951	0.42	9.8	12	0.64	10.1
Arizona	0	--	--	824	0.63	10.8	0	--	--
Colorado	136	0.52	11.1	829	0.33	5.9	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	0	--	--	12	0.64	10.1
Nevada	0	--	--	0	--	--	0	--	--
New Mexico	232	0.90	23.8	556	0.09	21.0	0	--	--
Utah	1,097	0.48	11.9	53	0.94	9.2	0	--	--
Wyoming	0	--	--	1,690	0.44	7.5	0	--	--
Pacific Contiguous	0	--	--	0	--	--	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	0	--	--	0	--	--
Pacific Noncontiguous	0	--	--	0	--	--	16	0.19	12.0
Alaska	0	--	--	0	--	--	16	0.19	12.0
Hawaii	0	--	--	0	--	--	0	--	--
U.S. Total	9,130	2.36	9.9	17,642	0.30	6.1	1,872	0.88	11.0

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Notes

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

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Table 4.16 Receipts and Quality of Coal by Rank Delivered for Electricity Generation Independent Power Producers by State, September 2020

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	5	0.58	6.7	0	--	--	0	--	--
Connecticut	0	--	--	0	--	--	0	--	--
Maine	5	0.58	6.7	0	--	--	0	--	--
Massachusetts	0	--	--	0	--	--	0	--	--
New Hampshire	0	--	--	0	--	--	0	--	--
Rhode Island	0	--	--	0	--	--	0	--	--
Vermont	0	--	--	0	--	--	0	--	--
Middle Atlantic	633	2.61	10.4	0	--	--	0	--	--
New Jersey	36	1.58	8.2	0	--	--	0	--	--
New York	0	--	--	0	--	--	0	--	--
Pennsylvania	597	2.67	10.5	0	--	--	0	--	--
East North Central	1,816	3.65	11.3	1,245	0.20	4.6	0	--	--
Illinois	355	3.63	25.0	1,245	0.20	4.6	0	--	--
Indiana	203	3.14	8.9	0	--	--	0	--	--
Michigan	39	0.96	6.9	0	--	--	0	--	--
Ohio	1,219	3.81	9.0	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	572	3.39	9.7	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	0	--	--	0	--	--	0	--	--
Georgia	0	--	--	0	--	--	0	--	--
Maryland	117	2.13	11.8	0	--	--	0	--	--
North Carolina	3	0.78	6.3	0	--	--	0	--	--
South Carolina	10	1.17	9.2	0	--	--	0	--	--
Virginia	0	--	--	0	--	--	0	--	--
West Virginia	442	3.78	9.2	0	--	--	0	--	--
East South Central	0	--	--	0	--	--	190	0.43	13.3
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	190	0.43	13.3
Tennessee	0	--	--	0	--	--	0	--	--
West South Central	0	--	--	1,727	0.37	5.5	1,262	0.92	15.3
Arkansas	0	--	--	132	0.25	7.4	0	--	--
Louisiana	0	--	--	49	0.32	5.1	0	--	--
Oklahoma	0	--	--	0	--	--	0	--	--
Texas	0	--	--	1,546	0.38	5.4	1,262	0.92	15.3
Mountain	0	--	--	419	0.62	8.0	0	--	--
Arizona	0	--	--	0	--	--	0	--	--
Colorado	0	--	--	0	--	--	0	--	--
Idaho	0	--	--	0	--	--	0	--	--
Montana	0	--	--	345	0.69	8.6	0	--	--
Nevada	0	--	--	30	0.22	4.7	0	--	--
New Mexico	0	--	--	0	--	--	0	--	--
Utah	0	--	--	0	--	--	0	--	--
Wyoming	0	--	--	44	0.37	5.2	0	--	--
Pacific Contiguous	0	--	--	340	0.35	8.6	0	--	--
California	0	--	--	0	--	--	0	--	--
Oregon	0	--	--	0	--	--	0	--	--
Washington	0	--	--	340	0.35	8.6	0	--	--
Pacific Noncontiguous	0	--	--	61	0.16	6.0	0	--	--
Alaska	0	--	--	0	--	--	0	--	--
Hawaii	0	--	--	61	0.16	6.0	0	--	--
U.S. Total	3,025	3.37	10.7	3,792	0.33	5.8	1,452	0.87	15.1

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 2020 are preliminary. Values for 2019 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."

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Table 4.17. Receipts and Quality of Coal by Rank Delivered for Electricity Generation:
Commercial Sector by State, September 2020

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 2020 are preliminary Values for 2019 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 "

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Table 4.18. Receipts and Quality of Coal by Rank Delivered for Electricity Generation:
Industrial Sector by State, September 2020

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	92	3.49	8.8	73	0.22	5.7	0	--	--
Illinois	91	3.50	8.8	73	0.22	5.7	0	--	--
Indiana	0	--	--	0	--	--	0	--	--
Michigan	0	0.49	6.3	0	--	--	0	--	--
Ohio	0	--	--	0	--	--	0	--	--
Wisconsin	0	--	--	0	--	--	0	--	--
West North Central	14	2.93	8.7	192	0.21	4.4	0	--	--
Iowa	14	2.93	8.7	131	0.21	4.4	0	--	--
Kansas	0	--	--	0	--	--	0	--	--
Minnesota	0	--	--	0	--	--	0	--	--
Missouri	0	--	--	0	--	--	0	--	--
Nebraska	0	--	--	61	0.21	4.4	0	--	--
North Dakota	0	--	--	0	--	--	0	--	--
South Dakota	0	--	--	0	--	--	0	--	--
South Atlantic	35	0.75	7.7	0	--	--	0	--	--
Delaware	0	--	--	0	--	--	0	--	--
District of Columbia	0	--	--	0	--	--	0	--	--
Florida	10	0.70	8.0	0	--	--	0	--	--
Georgia	11	0.70	9.4	0	--	--	0	--	--
Maryland	0	--	--	0	--	--	0	--	--
North Carolina	13	0.81	6.3	0	--	--	0	--	--
South Carolina	0	--	--	0	--	--	0	--	--
Virginia	1	0.79	7.0	0	--	--	0	--	--
West Virginia	0	--	--	0	--	--	0	--	--
East South Central	32	0.86	7.0	0	--	--	0	--	--
Alabama	0	--	--	0	--	--	0	--	--
Kentucky	0	--	--	0	--	--	0	--	--
Mississippi	0	--	--	0	--	--	0	--	--
Tennessee	32	0.86	7.0	0	--	--	0	--	--
West South Central	6	0.44	9.6	0	--	--	0	--	--
Arkansas	6	0.44	9.6	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	33	0.35	10.5	0	--	--	0	--	--
California	33	0.35	10.5	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	212	1.93	8.5	265	0.21	4.8	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 2020 are preliminary. Values for 2019 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

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Table 5.1. Sales of Electricity to Ultimate Customers.

Total by End-Use Sector, 2010 - September 2020 (Thousand Megawatthours)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2010	1,445,708	1,330,199	971,221	7,712	3,754,841
2011	1,422,801	1,328,057	991,316	7,672	3,749,846
2012	1,374,515	1,327,101	985,714	7,320	3,694,650
2013	1,394,812	1,337,079	985,352	7,625	3,724,868
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
Year 2018					
January	148,917	114,925	79,890	745	344,478
February	113,751	102,685	75,661	634	292,732
March	107,218	108,108	81,053	620	296,999
April	95,454	103,331	79,083	599	278,468
May	103,848	113,175	85,638	587	303,248
June	129,913	122,011	85,536	623	338,083
July	153,566	131,522	89,301	634	375,023
August	153,496	134,848	92,106	680	381,131
Sept	128,910	122,033	85,679	640	337,263
October	107,049	116,133	85,301	631	309,114
November	103,790	104,983	81,118	616	290,507
December	123,180	107,998	80,306	655	312,140
Year 2019					
January	133,318	112,012	82,610	670	328,609
February	116,608	102,071	76,447	672	295,798
March	112,605	107,468	81,093	686	301,853
April	90,384	102,446	80,460	610	273,900
May	100,331	111,201	84,661	608	296,802
June	120,116	115,745	84,992	608	321,462
July	153,749	130,951	90,752	642	376,095
August	150,083	130,776	91,062	653	372,574
Sept	131,567	122,059	86,160	677	340,463
October	107,997	115,305	84,396	543	308,241
November	102,453	102,840	79,625	614	285,532
December	121,078	108,001	80,095	648	309,823
Year 2020					
January	124,414	108,857	77,426	664	311,361
February	111,931	101,905	75,650	622	290,109
March	104,006	102,937	77,565	577	285,085
April	97,465	90,631	69,591	458	258,145
May	105,412	93,406	71,220	448	270,486
June	131,242	108,695	75,211	480	315,628
July	166,891	125,994	81,276	555	374,716
August	158,821	122,025	82,582	562	363,990
Sept	127,584	112,214	77,505	494	317,796
Year to Date					
2018	1,135,074	1,052,640	753,947	5,763	2,947,425
2019	1,108,761	1,034,730	758,237	5,826	2,907,555
2020	1,127,767	966,663	688,025	4,860	2,787,315
Rolling 12 Months Ending in September					
2019	1,442,780	1,363,845	1,004,963	7,728	3,819,315
2020	1,459,295	1,292,809	932,141	6,665	3,690,911

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 2019 and prior years are final. Values for 2020 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).

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Table 5.2. Revenue from Sales of Electricity to Ultimate Customers
Total by End-Use Sector, 2010 - September 2020 (Million Dollars)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2010	166,778	135,554	65,772	814	368,918
2011	166,714	135,927	67,606	803	371,049
2012	163,280	133,898	65,761	747	363,687
2013	169,131	137,188	67,934	805	375,058
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
Year 2018					
January	18,193	12,053	5,543	70	35,859
February	14,364	10,936	5,128	62	30,490
March	13,905	11,365	5,373	58	30,701
April	12,290	10,806	5,194	57	28,347
May	13,625	11,890	5,819	55	31,388
June	16,922	13,223	6,136	64	36,344
July	20,156	14,466	6,540	64	41,226
August	20,351	14,874	6,673	65	41,963
Sept	16,775	13,085	6,038	64	35,962
October	13,751	12,506	5,864	62	32,182
November	13,389	11,069	5,557	60	30,074
December	15,311	11,155	5,353	64	31,883
Year 2019					
January	16,620	11,541	5,433	66	33,660
February	14,831	10,761	5,116	67	30,775
March	14,457	11,238	5,454	63	31,212
April	11,976	10,777	5,239	58	28,050
May	13,356	11,725	5,667	58	30,805
June	16,005	12,618	5,843	61	34,526
July	20,382	14,433	6,476	63	41,354
August	19,955	14,407	6,739	63	41,164
Sept	17,317	13,379	6,085	66	36,847
October	13,837	12,380	5,770	53	32,039
November	13,346	10,874	5,350	58	29,629
December	15,354	11,146	5,112	61	31,674
Year 2020					
January	15,913	11,143	4,901	64	32,020
February	14,382	10,560	4,852	59	29,853
March	13,611	10,714	4,950	57	29,331
April	12,947	9,442	4,454	44	26,887
May	13,866	9,767	4,654	42	28,329
June	17,425	11,900	5,217	50	34,592
July	22,124	13,732	5,825	57	41,738
August	21,145	13,365	5,855	57	40,422
Sept	17,284	12,423	5,432	51	35,191
Year to Date					
2018	146,582	112,696	52,445	559	312,281
2019	144,899	110,878	52,053	565	308,395
2020	148,697	103,045	46,140	480	298,361
Rolling 12 Months Ending in September					
2019	187,350	145,608	68,826	750	402,534
2020	191,234	137,446	62,373	652	391,705

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 2019 and prior years are final. Values for 2020 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).

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Table 5.3. Average Price of Electricity to Ultimate Customers.

Total by End-Use Sector, 2010 - September 2020 (Cents per Kilowatthour)

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2010	11.54	10.19	6.77	10.56	9.83
2011	11.72	10.24	6.82	10.46	9.90
2012	11.88	10.09	6.67	10.21	9.84
2013	12.13	10.26	6.89	10.55	10.07
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
Year 2018					
January	12.22	10.49	6.94	9.39	10.41
February	12.63	10.65	6.78	9.78	10.42
March	12.97	10.51	6.63	9.40	10.34
April	12.88	10.46	6.57	9.47	10.18
May	13.12	10.51	6.79	9.39	10.35
June	13.03	10.84	7.17	10.23	10.75
July	13.13	11.00	7.32	10.05	10.99
August	13.26	11.03	7.25	9.50	11.01
Sept	13.01	10.72	7.05	10.05	10.66
October	12.85	10.77	6.87	9.79	10.41
November	12.90	10.54	6.85	9.70	10.35
December	12.43	10.33	6.67	9.71	10.21
Year 2019					
January	12.47	10.30	6.58	9.83	10.24
February	12.72	10.54	6.69	10.02	10.40
March	12.84	10.46	6.73	9.25	10.34
April	13.25	10.52	6.51	9.45	10.24
May	13.31	10.54	6.69	9.46	10.38
June	13.32	10.90	6.87	10.01	10.74
July	13.26	11.02	7.14	9.82	11.00
August	13.30	11.02	7.40	9.65	11.05
Sept	13.16	10.96	7.06	9.78	10.82
October	12.81	10.74	6.84	9.72	10.39
November	13.03	10.57	6.72	9.52	10.38
December	12.68	10.32	6.38	9.46	10.22
Year 2020					
January	12.79	10.24	6.33	9.56	10.28
February	12.85	10.36	6.41	9.41	10.29
March	13.09	10.41	6.38	9.82	10.29
April	13.28	10.42	6.40	9.63	10.42
May	13.15	10.46	6.53	9.29	10.47
June	13.28	10.95	6.94	10.44	10.96
July	13.26	10.90	7.17	10.20	11.14
August	13.31	10.95	7.09	10.20	11.11
Sept	13.55	11.07	7.01	10.41	11.07
Year to Date					
2018	12.91	10.71	6.96	9.69	10.60
2019	13.07	10.72	6.86	9.70	10.61
2020	13.19	10.66	6.71	9.67	10.70
Rolling 12 Months Ending in September					
2019	12.99	10.68	6.85	9.70	10.54
2020	13.10	10.63	6.69	9.79	10.61

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 2019 and prior years are final. Values for 2020 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).

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Table 5.4 A. Sales of Electricity to Ultimate Customers by End-Use Sector,
by State, September 2020 and 2019 (Thousand Megawatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	3,851	3,479	4,102	4,195	1,284	1,288	36	43	9,274	9,005
Connecticut	938	851	997	1,008	254	261	10	15	2,199	2,134
Maine	384	360	332	336	218	173	0	0	934	869
Massachusetts	1,756	1,551	1,981	2,047	478	520	25	26	4,240	4,144
New Hampshire	348	325	348	354	171	167	0	0	866	846
Rhode Island	270	243	294	293	54	54	1	2	619	592
Vermont	157	149	150	157	109	114	0	0	416	420
Middle Atlantic	11,620	11,188	12,036	13,220	5,920	6,534	276	309	29,853	31,251
New Jersey	2,537	2,501	3,010	3,195	526	587	23	24	6,096	6,308
New York	4,787	4,360	5,998	6,652	1,317	1,494	211	237	12,313	12,743
Pennsylvania	4,297	4,327	3,028	3,372	4,078	4,453	42	48	11,445	12,201
East North Central	14,039	15,151	14,167	15,551	14,298	16,290	38	48	42,542	47,040
Illinois	3,385	3,849	3,851	4,193	3,247	3,710	34	43	10,517	11,795
Indiana	2,552	2,820	1,942	2,103	3,278	3,863	1	2	7,774	8,788
Michigan	2,495	2,489	2,932	3,253	2,148	2,536	0	1	7,576	8,279
Ohio	4,053	4,332	3,619	4,045	3,697	4,172	2	2	11,371	12,551
Wisconsin	1,554	1,661	1,822	1,956	1,929	2,010	0	0	5,305	5,627
West North Central	7,953	8,672	7,974	8,900	7,420	8,052	3	4	23,350	25,627
Iowa	1,049	1,071	946	1,025	1,979	2,096	0	0	3,974	4,191
Kansas	1,148	1,394	1,315	1,515	895	993	0	0	3,358	3,902
Minnesota	1,592	1,616	1,661	1,901	1,551	1,826	2	2	4,805	5,344
Missouri	2,730	3,180	2,431	2,716	989	1,149	1	2	6,151	7,047
Nebraska	782	776	744	822	906	935	0	0	2,432	2,533
North Dakota	302	296	481	519	856	788	0	0	1,638	1,603
South Dakota	351	339	396	403	244	264	0	0	991	1,006
South Atlantic	32,676	34,851	26,691	29,010	10,782	12,089	50	166	70,199	76,116
Delaware	478	426	346	394	87	175	0	0	912	994
District of Columbia	221	229	573	650	15	15	N/A	65	809	959
Florida	12,773	12,977	8,357	8,972	1,357	1,403	6	7	22,494	23,358
Georgia	5,270	6,039	3,966	4,499	2,558	2,763	12	14	11,806	13,315
Maryland	2,074	2,152	2,224	2,488	263	308	15	61	4,576	5,009
North Carolina	4,880	5,524	4,129	4,655	2,122	2,349	1	2	11,132	12,530
South Carolina	2,714	2,967	1,834	2,013	2,124	2,339	0	0	6,672	7,319
Virginia	3,505	3,744	4,691	4,703	1,155	1,539	15	17	9,365	10,003
West Virginia	762	793	571	637	1,100	1,198	0	0	2,433	2,629
East South Central	10,925	11,859	7,985	8,998	7,731	8,259	0	0	26,641	29,117
Alabama	2,875	3,336	1,930	2,255	2,501	2,683	0	0	7,306	8,273
Kentucky	2,114	2,364	1,572	1,800	2,215	2,442	0	0	5,901	6,606
Mississippi	1,904	1,991	1,251	1,447	1,364	1,354	0	0	4,519	4,792
Tennessee	4,031	4,169	3,232	3,497	1,652	1,781	0	0	8,915	9,446
West South Central	22,465	24,831	17,412	19,386	15,687	17,934	17	18	55,580	62,169
Arkansas	1,726	1,903	1,047	1,214	1,470	1,547	0	0	4,243	4,664
Louisiana	3,143	3,370	2,145	2,381	2,752	3,296	1	1	8,042	9,049
Oklahoma	1,967	2,434	1,587	1,949	1,664	1,791	0	0	5,218	6,174
Texas	15,628	17,124	12,634	13,842	9,801	11,299	16	18	38,079	42,283
Mountain	9,925	9,222	8,567	8,725	7,037	7,469	12	15	25,541	25,431
Arizona	4,017	3,697	2,802	2,772	1,148	1,187	1	1	7,968	7,657
Colorado	1,782	1,695	1,681	1,760	1,343	1,432	7	9	4,814	4,896
Idaho	585	560	526	519	843	790	0	0	1,953	1,869
Montana	374	339	396	400	344	447	0	0	1,114	1,187
Nevada	1,465	1,291	1,118	1,115	1,066	1,092	0	1	3,649	3,498
New Mexico	629	636	779	844	800	819	0	0	2,208	2,299
Utah	889	830	993	1,030	803	822	4	4	2,688	2,686
Wyoming	184	173	272	286	691	880	0	0	1,147	1,339
Pacific Contiguous	13,734	11,922	12,861	13,589	6,974	7,811	61	74	33,630	33,396
California	10,009	8,435	9,368	9,900	4,351	4,554	51	63	23,779	22,952
Oregon	1,358	1,265	1,296	1,339	1,020	1,200	2	2	3,675	3,806
Washington	2,367	2,222	2,198	2,350	1,603	2,058	7	8	6,175	6,638
Pacific Noncontiguous	396	392	417	486	373	433	0	0	1,186	1,311
Alaska	145	136	199	208	102	107	0	0	446	450
Hawaii	251	256	219	278	271	326	0	0	740	860
U.S. Total	127,584	131,567	112,214	122,059	77,505	86,160	494	677	317,796	340,463

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 2019 are final. Values for 2020 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

N/A - September 2020 Transportation sector sales and revenue data were not available for the District of Columbia at time of publication

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

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Table 5 4 B. Sales of Electricity to Ultimate Customers by End-Use Sector,
by State, Year-to-Date through September 2020 and 2019 (Thousand Megawatthours)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	37,182	35,335	36,040	38,947	11,088	12,235	351	411	84,661	86,928
Connecticut	9,997	9,536	8,437	9,176	2,086	2,340	95	134	20,615	21,185
Maine	3,760	3,618	2,905	3,162	1,853	2,057	0	0	8,519	8,838
Massachusetts	15,704	14,876	17,575	19,137	4,273	4,802	243	257	37,794	39,073
New Hampshire	3,664	3,431	3,058	3,242	1,396	1,456	0	0	8,118	8,129
Rhode Island	2,446	2,313	2,694	2,762	485	526	14	20	5,638	5,622
Vermont	1,611	1,561	1,371	1,467	995	1,053	0	0	3,977	4,081
Middle Atlantic	106,251	103,361	105,742	117,206	52,764	56,325	2,415	2,841	267,171	279,733
New Jersey	23,568	22,647	26,407	28,981	4,783	5,272	203	228	54,961	57,128
New York	40,422	38,852	52,486	57,150	11,720	13,263	1,903	2,114	106,531	111,379
Pennsylvania	42,260	41,862	26,849	31,075	36,261	37,790	309	499	105,679	111,226
East North Central	146,591	142,814	128,689	137,035	126,138	145,982	394	497	401,812	426,328
Illinois	36,111	34,963	34,876	37,379	29,671	32,705	349	447	101,007	105,493
Indiana	25,090	25,564	16,905	17,952	28,592	34,521	14	15	70,600	78,053
Michigan	27,415	25,544	27,044	28,835	18,523	22,680	3	5	72,986	77,063
Ohio	40,570	40,137	32,961	35,030	32,523	38,130	27	28	106,082	113,325
Wisconsin	17,406	16,606	16,903	17,839	16,828	17,947	1	1	51,138	52,393
West North Central	81,284	81,471	72,667	77,802	65,222	70,507	30	37	219,203	229,817
Iowa	11,066	11,087	8,725	9,199	17,725	18,220	0	0	37,516	38,506
Kansas	10,653	10,707	11,111	12,180	7,684	8,819	0	0	29,448	31,706
Minnesota	17,221	16,798	15,986	17,299	13,878	16,343	14	19	47,100	50,459
Missouri	26,948	27,520	21,633	23,109	8,361	9,924	16	18	56,958	60,570
Nebraska	7,931	7,853	6,835	7,154	8,249	8,055	0	0	23,015	23,062
North Dakota	3,689	3,706	4,757	5,162	7,267	6,954	0	0	15,713	15,823
South Dakota	3,775	3,801	3,620	3,699	2,057	2,192	0	0	9,452	9,692
South Atlantic	285,360	285,681	227,723	242,381	98,066	106,891	853	1,085	612,001	636,039
Delaware	3,900	3,910	3,142	3,370	1,311	1,561	0	0	8,352	8,840
District of Columbia	1,915	2,001	5,085	6,078	152	145	212	290	7,364	8,514
Florida	99,976	97,812	69,122	73,285	12,146	12,469	57	65	181,301	183,630
Georgia	45,568	46,207	33,816	36,343	22,211	24,597	108	125	101,703	107,273
Maryland	21,064	21,307	20,100	22,073	2,518	2,837	342	450	44,023	46,666
North Carolina	45,162	46,172	35,112	37,633	18,732	20,745	12	14	99,018	104,564
South Carolina	24,134	24,164	15,697	17,059	18,751	20,409	0	0	58,582	61,632
Virginia	35,423	35,758	40,411	40,789	11,687	13,305	122	141	87,643	89,992
West Virginia	8,218	8,351	5,238	5,751	10,558	10,825	0	0	24,014	24,927
East South Central	92,250	92,806	65,392	71,134	68,122	74,956	0	0	225,764	238,896
Alabama	24,632	25,134	15,986	17,732	22,882	24,760	0	0	63,500	67,626
Kentucky	20,199	20,538	13,753	14,979	19,538	22,115	0	0	53,490	57,632
Mississippi	14,596	14,389	9,751	10,872	11,944	12,011	0	0	36,290	37,272
Tennessee	32,824	32,746	25,902	27,551	13,758	16,069	0	0	72,484	76,366
West South Central	177,945	177,987	143,934	150,756	139,324	156,942	140	149	461,343	485,833
Arkansas	14,130	14,443	8,387	9,151	12,412	13,143	0	0	34,930	36,737
Louisiana	24,207	23,990	17,448	18,402	25,313	28,594	8	9	66,976	70,985
Oklahoma	18,462	18,660	13,889	15,528	15,016	15,691	0	0	47,367	49,879
Texas	121,146	120,904	104,210	107,674	86,584	99,514	132	139	312,071	328,232
Mountain	84,400	78,364	71,944	74,768	62,894	64,434	121	139	219,358	217,705
Arizona	30,974	28,020	22,263	22,724	10,255	10,447	9	8	63,500	61,199
Colorado	15,794	14,819	14,812	15,876	12,092	12,008	72	86	42,769	42,789
Idaho	6,489	6,345	4,655	4,819	7,369	7,192	0	0	18,513	18,356
Montana	3,941	3,926	3,540	3,711	3,351	3,796	0	0	10,833	11,434
Nevada	11,429	10,400	9,154	9,067	9,018	9,488	3	6	29,604	28,962
New Mexico	5,697	5,295	6,594	6,883	6,874	6,669	0	0	19,165	18,847
Utah	7,949	7,477	8,383	9,006	7,152	7,060	37	39	23,520	23,581
Wyoming	2,126	2,082	2,544	2,683	6,784	7,773	0	0	11,454	12,538
Pacific Contiguous	112,913	107,501	110,702	120,457	61,033	66,342	556	669	285,204	294,969
California	77,620	66,843	78,619	86,168	35,601	36,173	463	576	186,303	189,760
Oregon	14,392	14,004	11,760	12,337	9,117	11,053	19	20	35,288	37,414
Washington	26,901	26,655	20,323	21,952	16,315	19,116	74	72	63,613	67,794
Pacific Noncontiguous	3,591	3,440	3,831	4,244	3,375	3,624	0	0	10,797	11,308
Alaska	1,519	1,411	1,891	1,974	955	934	0	0	4,364	4,318
Hawaii	2,072	2,029	1,940	2,270	2,420	2,690	0	0	6,433	6,990
U S Total	1,127,767	1,108,761	966,663	1,034,730	688,025	758,237	4,860	5,826	2,787,315	2,907,555

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 2019 are final. Values for 2020 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

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Table 5.5 A Revenue from Sales of Electricity to Ultimate Customers by End-Use Sector,
by State, September 2020 and 2019 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	822	736	647	676	161	167	3	3	1,633	1,582
Connecticut	222	183	159	161	33	35	1	2	416	381
Maine	66	65	40	42	19	15	0	0	126	122
Massachusetts	378	342	323	345	65	75	1	1	766	764
New Hampshire	66	66	54	57	23	21	0	0	142	144
Rhode Island	59	55	46	45	9	8	0	0	115	109
Vermont	31	25	25	25	12	12	0	0	68	63
Middle Atlantic	1,906	1,810	1,599	1,729	377	423	33	36	3,915	3,998
New Jersey	415	386	386	397	54	59	2	2	857	845
New York	909	816	960	1,045	76	86	27	30	1,971	1,978
Pennsylvania	583	608	254	286	248	278	3	3	1,088	1,175
East North Central	1,906	2,012	1,492	1,579	953	1,098	3	3	4,354	4,693
Illinois	420	488	355	376	209	227	2	3	986	1,095
Indiana	333	353	218	230	220	278	0	0	771	861
Michigan	424	405	359	375	158	181	0	0	941	962
Ohio	490	523	354	381	215	262	0	0	1,059	1,167
Wisconsin	239	242	206	217	152	150	0	0	597	608
West North Central	985	1,086	798	896	564	626	0	0	2,347	2,608
Iowa	138	144	102	109	148	165	0	0	389	418
Kansas	143	179	132	158	62	72	0	0	336	409
Minnesota	230	223	191	206	134	143	0	0	555	572
Missouri	298	365	216	255	66	85	0	0	580	705
Nebraska	94	95	71	77	69	75	0	0	234	248
North Dakota	37	37	47	51	66	64	0	0	150	152
South Dakota	45	44	38	40	20	21	0	0	103	105
South Atlantic	3,982	4,196	2,454	2,710	702	812	4	13	7,142	7,732
Delaware	58	54	30	36	7	13	0	0	95	103
District of Columbia	28	29	67	80	1	1	N/A	6	96	116
Florida	1,529	1,534	781	824	103	109	0	1	2,414	2,467
Georgia	638	723	391	466	147	194	1	1	1,177	1,385
Maryland	269	276	213	235	20	23	1	4	503	539
North Carolina	593	642	377	418	143	157	0	0	1,113	1,217
South Carolina	350	389	190	217	132	144	0	0	672	750
Virginia	424	455	351	376	78	99	1	1	854	931
West Virginia	93	94	54	58	71	72	0	0	218	223
East South Central	1,246	1,332	855	955	436	493	0	0	2,536	2,780
Alabama	379	421	227	258	157	174	0	0	762	853
Kentucky	233	253	165	183	114	137	0	0	512	573
Mississippi	206	217	125	147	76	80	0	0	408	444
Tennessee	427	441	339	367	88	101	0	0	854	909
West South Central	2,584	2,810	1,411	1,644	808	1,011	1	1	4,804	5,465
Arkansas	186	191	90	105	89	99	0	0	365	396
Louisiana	307	335	187	208	132	162	0	0	625	705
Oklahoma	214	261	131	165	77	94	0	0	422	521
Texas	1,877	2,022	1,004	1,165	510	656	1	1	3,392	3,844
Mountain	1,227	1,115	860	861	476	499	1	1	2,564	2,477
Arizona	503	456	298	287	74	75	0	0	876	818
Colorado	235	217	186	197	101	110	1	1	523	524
Idaho	59	55	41	39	55	49	0	0	154	143
Montana	45	40	43	42	18	22	0	0	106	105
Nevada	175	156	92	96	79	88	0	0	346	341
New Mexico	90	81	87	81	48	44	0	0	225	207
Utah	97	89	87	90	52	52	0	0	236	232
Wyoming	22	21	28	28	49	59	0	0	98	108
Pacific Contiguous	2,517	2,107	2,205	2,209	872	855	7	7	5,601	5,178
California	2,125	1,742	1,895	1,888	713	687	6	6	4,739	4,323
Oregon	155	143	115	117	66	70	0	0	336	330
Washington	238	222	195	204	93	97	1	1	527	524
Pacific Noncontiguous	109	112	102	121	83	101	0	0	294	334
Alaska	34	33	40	42	18	18	0	0	91	93
Hawaii	75	80	62	79	65	82	0	0	203	241
U.S. Total	17,284	17,317	12,423	13,379	5,432	6,085	51	66	35,191	36,847

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 2019 are final. Values for 2020 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

N/A - September 2020 Transportation sector sales and revenue data were not available for the District of Columbia at time of publication

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

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Table 5.5.B Revenue from Sales of Electricity to Ultimate Customers by End-Use Sector,
by State, Year-to-Date through September 2020 and 2019 (Million Dollars)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	7,926	7,476	5,754	6,406	1,369	1,606	32	39	15,081	15,527
Connecticut	2,276	2,110	1,443	1,558	282	317	13	19	4,014	4,003
Maine	633	647	361	406	167	191	0	0	1,161	1,244
Massachusetts	3,473	3,263	2,826	3,233	558	709	15	16	6,873	7,221
New Hampshire	698	688	470	518	177	190	0	0	1,345	1,396
Rhode Island	532	502	430	459	76	83	3	4	1,041	1,048
Vermont	313	266	225	233	110	116	0	0	647	615
Middle Atlantic	16,897	16,336	13,214	14,390	3,365	3,727	275	317	33,751	34,770
New Jersey	3,795	3,621	3,321	3,603	487	547	19	20	7,621	7,792
New York	7,362	6,971	7,610	8,080	643	749	232	261	15,847	16,062
Pennsylvania	5,741	5,743	2,284	2,707	2,235	2,430	24	36	10,283	10,917
East North Central	19,633	19,123	13,080	14,013	8,420	10,151	27	36	41,161	43,323
Illinois	4,606	4,522	3,116	3,391	1,903	2,137	23	32	9,648	10,081
Indiana	3,099	3,221	1,834	1,981	1,937	2,561	1	2	6,871	7,764
Michigan	4,476	4,011	3,165	3,278	1,391	1,604	0	1	9,031	8,894
Ohio	4,878	5,012	3,093	3,439	1,878	2,527	2	2	9,851	10,981
Wisconsin	2,576	2,356	1,872	1,924	1,312	1,322	0	0	5,759	5,603
West North Central	9,879	9,820	7,151	7,646	4,822	5,239	3	3	21,855	22,708
Iowa	1,466	1,411	924	946	1,224	1,258	0	0	3,615	3,614
Kansas	1,357	1,363	1,151	1,254	547	649	0	0	3,055	3,267
Minnesota	2,325	2,219	1,708	1,822	1,124	1,249	1	2	5,159	5,292
Missouri	3,015	3,143	1,960	2,157	552	724	1	1	5,528	6,025
Nebraska	879	853	628	639	631	631	0	0	2,138	2,123
North Dakota	392	390	434	473	582	556	0	0	1,409	1,419
South Dakota	445	441	345	355	162	172	0	0	952	968
South Atlantic	33,984	34,184	20,761	22,705	6,079	7,004	69	87	60,893	63,979
Delaware	489	486	292	320	92	121	0	0	873	927
District of Columbia	238	259	607	742	12	12	21	28	879	1,041
Florida	11,506	11,422	6,263	6,772	867	957	4	5	18,640	19,157
Georgia	5,468	5,584	3,321	3,705	1,235	1,569	6	8	10,031	10,866
Maryland	2,732	2,793	1,956	2,209	195	222	26	33	4,909	5,257
North Carolina	5,218	5,279	3,091	3,309	1,169	1,315	1	1	9,480	9,904
South Carolina	3,037	3,104	1,607	1,779	1,104	1,241	0	0	5,749	6,124
Virginia	4,332	4,319	3,138	3,347	765	914	11	12	8,245	8,592
West Virginia	962	937	486	522	640	652	0	0	2,088	2,112
East South Central	10,473	10,570	7,008	7,649	3,783	4,358	0	0	21,262	22,577
Alabama	3,139	3,177	1,859	2,053	1,354	1,497	0	0	6,352	6,726
Kentucky	2,174	2,205	1,402	1,512	1,005	1,234	0	0	4,581	4,952
Mississippi	1,632	1,620	1,009	1,139	678	703	0	0	3,319	3,461
Tennessee	3,528	3,568	2,737	2,946	746	924	0	0	7,011	7,438
West South Central	20,048	19,896	11,329	12,374	7,086	8,580	9	10	38,473	40,860
Arkansas	1,473	1,427	719	808	710	817	0	0	2,902	3,052
Louisiana	2,264	2,355	1,494	1,640	1,182	1,508	1	1	4,941	5,504
Oklahoma	1,849	1,917	1,061	1,253	664	816	0	0	3,574	3,986
Texas	14,462	14,198	8,056	8,673	4,530	5,438	9	9	27,056	28,318
Mountain	10,088	9,323	6,956	7,231	3,958	4,159	11	13	21,013	20,725
Arizona	3,871	3,504	2,323	2,365	640	668	1	1	6,834	6,538
Colorado	1,970	1,826	1,540	1,689	877	902	6	8	4,394	4,424
Idaho	650	633	361	373	471	451	0	0	1,482	1,457
Montana	457	436	375	384	166	210	0	0	998	1,029
Nevada	1,301	1,242	704	733	529	606	0	1	2,534	2,582
New Mexico	750	665	689	676	381	369	0	0	1,820	1,711
Utah	851	783	717	753	427	430	4	4	1,999	1,970
Wyoming	238	234	247	259	467	522	0	0	952	1,015
Pacific Contiguous	18,780	17,191	16,851	17,406	6,497	6,371	54	59	42,182	41,027
California	14,570	13,055	13,996	14,398	5,123	4,798	45	51	33,734	32,302
Oregon	1,598	1,543	1,057	1,092	560	653	2	2	3,217	3,290
Washington	2,612	2,593	1,798	1,917	814	919	7	7	5,231	5,436
Pacific Noncontiguous	987	981	943	1,059	760	857	0	0	2,690	2,898
Alaska	349	322	377	390	161	157	0	0	886	869
Hawaii	638	659	566	670	599	700	0	0	1,804	2,029
U S Total	148,697	144,899	103,045	110,878	46,140	52,053	480	565	298,361	308,395

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

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Table 5.6.A. Average Price of Electricity to Ultimate Customers by End-Use Sector,
by State, September 2020 and 2019 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	21.35	21.17	15.77	16.11	12.52	12.93	7.84	7.73	17.61	17.57
Connecticut	23.67	21.53	15.96	15.99	13.12	13.24	12.66	11.48	18.91	17.83
Maine	17.21	18.12	12.10	12.42	8.92	8.68	--	--	13.46	14.03
Massachusetts	21.51	22.03	16.29	16.88	13.54	14.46	5.21	4.78	18.08	18.42
New Hampshire	19.03	20.24	15.38	15.99	13.20	12.80	--	--	16.42	16.99
Rhode Island	21.98	22.64	15.79	15.51	15.91	14.81	25.51	18.00	18.51	18.38
Vermont	19.79	17.09	16.55	16.20	11.15	10.97	--	--	16.35	15.10
Middle Atlantic	16.40	16.18	13.29	13.08	6.38	6.48	11.81	11.66	13.12	12.79
New Jersey	16.34	15.45	12.83	12.43	10.25	10.10	9.77	9.37	14.06	13.40
New York	18.98	18.72	16.00	15.71	5.76	5.77	12.77	12.87	16.01	15.52
Pennsylvania	13.56	14.05	8.38	8.49	6.08	6.24	8.14	6.84	9.50	9.63
East North Central	13.57	13.28	10.53	10.15	6.67	6.74	6.89	7.14	10.23	9.98
Illinois	12.41	12.69	9.21	8.97	6.42	6.13	6.69	6.98	9.37	9.28
Indiana	13.04	12.53	11.24	10.92	6.72	7.19	10.41	10.84	9.92	9.80
Michigan	16.99	16.28	12.24	11.52	7.35	7.15	12.41	11.11	12.42	11.62
Ohio	12.09	12.08	9.78	9.43	5.81	6.28	7.14	6.61	9.31	9.30
Wisconsin	15.38	14.58	11.33	11.08	7.88	7.45	14.52	13.96	11.26	10.81
West North Central	12.38	12.52	10.01	10.06	7.60	7.78	10.38	10.15	10.05	10.18
Iowa	13.15	13.42	10.82	10.62	7.49	7.88	--	--	9.78	9.97
Kansas	12.43	12.82	10.04	10.42	6.90	7.29	--	--	10.02	10.48
Minnesota	14.44	13.80	11.51	10.84	8.64	7.82	9.79	9.63	11.56	10.70
Missouri	10.92	11.48	8.88	9.38	6.65	7.43	11.16	10.66	9.43	10.01
Nebraska	12.03	12.24	9.55	9.40	7.60	8.06	--	--	9.62	9.77
North Dakota	12.37	12.34	9.79	9.80	7.70	8.17	--	--	9.17	9.47
South Dakota	12.70	12.86	9.71	9.94	8.03	7.86	--	--	10.35	10.38
South Atlantic	12.19	12.04	9.19	9.34	6.51	6.72	7.26	8.05	10.17	10.16
Delaware	12.09	12.69	8.62	9.11	8.52	7.49	--	--	10.43	10.36
District of Columbia	12.55	12.79	11.74	12.24	8.00	7.88	N/A	8.76	11.89	12.07
Florida	11.97	11.82	9.34	9.19	7.60	7.73	7.67	8.44	10.73	10.56
Georgia	12.11	11.98	9.85	10.36	5.76	7.04	6.28	8.00	9.97	10.40
Maryland	12.95	12.82	9.59	9.44	7.75	7.59	6.76	7.22	11.00	10.75
North Carolina	12.15	11.63	9.14	8.98	6.71	6.68	7.49	7.97	10.00	9.71
South Carolina	12.91	13.11	10.35	10.78	6.20	6.17	--	--	10.07	10.25
Virginia	12.10	12.14	7.48	8.00	6.73	6.40	8.37	8.19	9.12	9.31
West Virginia	12.23	11.80	9.44	9.10	6.44	6.00	--	--	8.96	8.50
East South Central	11.40	11.23	10.70	10.61	5.64	5.97	--	--	9.52	9.55
Alabama	13.18	12.61	11.74	11.46	6.27	6.50	--	--	10.44	10.31
Kentucky	11.03	10.71	10.47	10.16	5.17	5.62	--	--	8.68	8.68
Mississippi	10.84	10.90	9.98	10.17	5.59	5.90	--	--	9.02	9.27
Tennessee	10.60	10.59	10.47	10.48	5.35	5.69	--	--	9.58	9.63
West South Central	11.50	11.31	8.10	8.48	5.15	5.64	6.51	6.36	8.64	8.79
Arkansas	10.80	10.04	8.57	8.69	6.06	6.41	22.79	13.21	8.61	8.49
Louisiana	9.76	9.94	8.70	8.74	4.79	4.90	9.50	9.02	7.77	7.79
Oklahoma	10.87	10.73	8.25	8.47	4.61	5.27	--	--	8.08	8.43
Texas	12.01	11.81	7.94	8.42	5.20	5.80	6.32	6.21	8.91	9.09
Mountain	12.36	12.10	10.04	9.87	6.76	6.68	9.64	9.65	10.04	9.74
Arizona	12.53	12.32	10.63	10.35	6.46	6.34	9.63	10.34	10.99	10.68
Colorado	13.20	12.80	11.06	11.18	7.54	7.65	9.08	9.09	10.87	10.70
Idaho	10.07	9.86	7.72	7.56	6.47	6.14	--	--	7.88	7.65
Montana	12.04	11.80	10.76	10.53	5.37	4.99	--	--	9.53	8.81
Nevada	11.97	12.12	8.20	8.64	7.44	8.03	10.30	9.55	9.49	9.73
New Mexico	14.33	12.78	11.20	9.64	5.97	5.41	--	--	10.20	9.00
Utah	10.93	10.73	8.74	8.75	6.44	6.32	10.59	10.66	8.78	8.62
Wyoming	11.91	12.03	10.13	9.93	7.06	6.73	--	--	8.56	8.10
Pacific Contiguous	18.33	17.67	17.15	16.26	12.51	10.94	11.58	9.53	16.66	15.50
California	21.23	20.65	20.23	19.07	16.39	15.10	11.92	9.52	19.93	18.84
Oregon	11.39	11.30	8.87	8.75	6.47	5.83	9.41	9.18	9.13	8.68
Washington	10.04	10.00	8.88	8.67	5.82	4.74	9.92	9.67	8.53	7.90
Pacific Noncontiguous	27.60	28.66	24.44	24.96	22.31	23.26	--	--	24.83	25.51
Alaska	23.49	23.94	19.92	20.17	17.35	17.32	--	--	20.50	20.63
Hawaii	29.99	31.17	28.53	28.55	24.18	25.21	--	--	27.43	28.06
U.S. Total	13.55	13.16	11.07	10.96	7.01	7.06	10.41	9.78	11.07	10.82

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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

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Table 5.6.B. Average Price of Electricity to Ultimate Customers by End-Use Sector,
by State, Year-to-Date through September 2020 and 2019 (Cents per Kilowatthour)

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD	September 2020 YTD	September 2019 YTD
New England	21.32	21.16	15.97	16.45	12.35	13.12	9.01	9.48	17.81	17.86
Connecticut	22.77	22.13	17.10	16.98	13.52	13.54	13.96	14.15	19.47	18.90
Maine	16.84	17.87	12.41	12.83	9.02	9.29	--	--	13.63	14.07
Massachusetts	22.12	21.94	16.08	16.89	13.05	14.76	6.35	6.32	18.18	18.48
New Hampshire	19.06	20.04	15.37	15.99	12.67	13.07	--	--	16.57	17.18
Rhode Island	21.76	21.70	15.95	16.62	15.65	15.71	21.91	18.58	18.46	18.63
Vermont	19.44	17.05	16.38	15.88	11.01	11.02	--	--	16.27	15.07
Middle Atlantic	15.90	15.80	12.50	12.28	6.38	6.62	11.38	11.17	12.63	12.43
New Jersey	16.10	15.99	12.58	12.43	10.18	10.38	9.15	8.94	13.87	13.64
New York	18.21	17.94	14.50	14.14	5.48	5.65	12.21	12.33	14.88	14.42
Pennsylvania	13.58	13.72	8.51	8.71	6.16	6.43	7.70	7.27	9.73	9.81
East North Central	13.39	13.39	10.16	10.23	6.68	6.95	6.77	7.21	10.24	10.16
Illinois	12.76	12.93	8.94	9.07	6.41	6.53	6.59	7.05	9.55	9.56
Indiana	12.35	12.60	10.85	11.03	6.78	7.42	10.37	10.93	9.73	9.95
Michigan	16.32	15.70	11.70	11.37	7.51	7.07	11.25	10.42	12.37	11.54
Ohio	12.02	12.49	9.38	9.82	5.78	6.63	6.60	7.05	9.29	9.69
Wisconsin	14.80	14.19	11.07	10.79	7.79	7.37	14.63	13.91	11.26	10.69
West North Central	12.15	12.05	9.84	9.83	7.39	7.43	8.77	9.05	9.97	9.88
Iowa	13.25	12.73	10.59	10.28	6.91	6.90	--	--	9.63	9.39
Kansas	12.74	12.73	10.36	10.30	7.12	7.36	--	--	10.37	10.30
Minnesota	13.50	13.21	10.69	10.53	8.10	7.64	9.43	9.76	10.95	10.49
Missouri	11.19	11.42	9.06	9.33	6.60	7.29	8.17	8.30	9.71	9.95
Nebraska	11.08	10.87	9.19	8.93	7.65	7.83	--	--	9.29	9.21
North Dakota	10.64	10.52	9.12	9.16	8.01	8.00	--	--	8.96	8.97
South Dakota	11.78	11.59	9.53	9.61	7.87	7.85	--	--	10.07	9.99
South Atlantic	11.91	11.97	9.12	9.37	6.20	6.55	8.12	8.02	9.95	10.06
Delaware	12.54	12.43	9.29	9.50	7.04	7.76	--	--	10.45	10.49
District of Columbia	12.45	12.93	11.93	12.21	8.07	8.23	9.94	9.59	11.93	12.22
Florida	11.51	11.68	9.06	9.24	7.14	7.68	7.63	8.29	10.28	10.43
Georgia	12.00	12.09	9.82	10.19	5.56	6.38	5.41	6.13	9.86	10.13
Maryland	12.97	13.11	9.73	10.01	7.73	7.82	7.70	7.41	11.15	11.27
North Carolina	11.55	11.43	8.80	8.79	6.24	6.34	7.75	8.15	9.57	9.47
South Carolina	12.59	12.85	10.24	10.43	5.89	6.08	--	--	9.81	9.94
Virginia	12.23	12.08	7.76	8.20	6.54	6.87	8.81	8.24	9.41	9.55
West Virginia	11.71	11.22	9.28	9.08	6.07	6.03	--	--	8.70	8.47
East South Central	11.35	11.39	10.71	10.75	5.55	5.81	--	--	9.42	9.45
Alabama	12.74	12.64	11.63	11.58	5.92	6.04	--	--	10.00	9.95
Kentucky	10.76	10.74	10.19	10.10	5.14	5.58	--	--	8.56	8.59
Mississippi	11.18	11.26	10.35	10.47	5.67	5.85	--	--	9.15	9.29
Tennessee	10.75	10.90	10.56	10.69	5.42	5.75	--	--	9.67	9.74
West South Central	11.27	11.18	7.87	8.21	5.09	5.47	6.64	6.62	8.34	8.41
Arkansas	10.42	9.88	8.57	8.82	5.72	6.22	13.50	12.23	8.31	8.31
Louisiana	9.35	9.82	8.56	8.91	4.67	5.27	8.74	9.19	7.38	7.75
Oklahoma	10.02	10.27	7.64	8.07	4.42	5.20	--	--	7.55	7.99
Texas	11.94	11.74	7.73	8.05	5.23	5.47	6.51	6.43	8.67	8.63
Mountain	11.95	11.90	9.67	9.67	6.29	6.45	9.32	9.45	9.58	9.52
Arizona	12.50	12.51	10.43	10.41	6.24	6.39	9.60	10.02	10.76	10.68
Colorado	12.47	12.32	10.40	10.64	7.25	7.51	8.60	8.94	10.27	10.34
Idaho	10.02	9.97	7.76	7.73	6.40	6.27	--	--	8.01	7.94
Montana	11.59	11.11	10.58	10.33	4.96	5.52	--	--	9.21	9.00
Nevada	11.38	11.94	7.69	8.08	5.86	6.39	8.49	8.48	8.56	8.91
New Mexico	13.17	12.57	10.45	9.82	5.54	5.54	--	--	9.50	9.08
Utah	10.71	10.47	8.55	8.36	5.97	6.10	10.73	10.61	8.50	8.35
Wyoming	11.22	11.24	9.71	9.66	6.88	6.72	--	--	8.32	8.10
Pacific Contiguous	16.63	15.99	15.22	14.45	10.64	9.60	9.76	8.90	14.79	13.91
California	20.34	19.53	17.80	16.71	14.39	13.26	9.75	8.82	18.11	17.02
Oregon	11.10	11.02	8.98	8.85	6.14	5.91	9.42	9.15	9.12	8.79
Washington	9.71	9.73	8.85	8.73	4.99	4.81	9.89	9.42	8.22	8.02
Pacific Noncontiguous	27.50	28.53	24.61	24.95	22.52	23.66	--	--	24.92	25.63
Alaska	22.98	22.84	19.92	19.74	16.83	16.82	--	--	20.31	20.12
Hawaii	30.81	32.48	29.18	29.49	24.77	26.04	--	--	28.04	29.03
U S Total	13.19	13.07	10.66	10.72	6.71	6.86	9.87	9.70	10.70	10.61

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 2019 are final. Values for 2020 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:
2010 - September 2020

Period	Residential	Commercial	Industrial	Transportation	All Sectors
Annual Totals					
2010	125,717,935	17,674,338	747,747	239	144,140,259
2011	126,143,072	17,638,062	727,920	92	144,509,146
2012	126,832,343	17,729,029	732,385	83	145,293,840
2013	127,777,153	17,679,562	831,790	75	146,288,580
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
Year 2018					
January	133,302,446	18,552,003	838,797	82	152,693,328
February	132,923,513	18,440,673	811,940	82	152,176,208
March	133,852,602	18,574,947	822,275	82	153,249,906
April	133,417,773	18,526,543	824,075	82	152,768,473
May	134,121,801	18,613,438	851,023	82	153,586,344
June	133,935,311	18,615,355	858,759	83	153,409,508
July	133,883,159	18,623,955	860,910	83	153,368,107
August	134,433,813	18,686,099	866,859	83	153,986,854
Sept	133,791,062	18,594,023	844,187	83	153,229,355
October	134,377,594	18,717,481	844,839	83	153,939,997
November	134,155,451	18,636,211	823,868	83	153,615,613
December	134,524,109	18,682,871	835,705	83	154,042,768
Year 2019					
January	134,845,133	18,650,138	932,601	83	154,427,955
February	133,333,741	18,539,519	914,361	83	152,787,704
March	135,170,833	18,635,772	919,551	83	154,726,239
April	134,920,415	18,640,407	933,498	84	154,494,404
May	135,405,612	18,708,360	954,838	81	155,068,891
June	135,074,042	18,637,617	961,090	83	154,672,832
July	135,468,046	18,735,687	988,365	83	155,192,181
August	135,635,335	18,728,398	983,435	82	155,347,250
Sept	135,291,081	18,691,319	975,412	83	154,957,895
October	136,260,010	18,821,137	972,507	83	156,053,737
November	135,340,521	18,705,003	945,483	84	154,991,091
December	136,250,376	18,836,882	968,966	84	156,056,308
Year 2020					
January	136,242,098	18,726,474	936,513	83	155,905,168
February	135,574,675	18,609,362	919,906	83	155,104,026
March	136,735,189	18,790,043	936,497	83	156,461,812
April	136,709,401	18,747,084	942,662	83	156,399,230
May	136,581,044	18,689,150	942,877	83	156,213,154
June	137,113,150	18,781,259	964,445	83	156,858,937
July	137,828,370	18,838,778	977,659	82	157,644,889
August	137,220,273	18,749,015	966,934	82	156,936,304
Sept	137,451,982	18,780,746	968,204	82	157,201,014
Rolling 12 Months Ending in September					
2019	134,850,116	18,666,982	922,297	83	154,439,477
2020	136,608,924	18,756,244	953,554	83	156,318,806

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 2019 and prior years are final Values for 2020 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).

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Table 5.8. Number of Ultimate Customers Served by Sector by State.
September 2020 and 2019

Census Division and State	Residential		Commercial		Industrial		Transportation		All Sectors	
	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	6,470,327	6,399,306	898,853	889,618	19,026	23,052	6	6	7,388,212	7,311,982
Connecticut	1,525,472	1,511,927	155,378	152,070	3,884	4,173	3	3	1,684,737	1,668,173
Maine	730,808	697,969	96,356	98,379	2,667	2,710	0	0	829,831	799,058
Massachusetts	2,832,094	2,797,251	419,594	410,769	7,539	10,965	2	2	3,259,229	3,219,007
New Hampshire	635,978	628,328	109,621	108,568	3,142	3,189	0	0	748,741	740,085
Rhode Island	426,023	446,765	58,248	61,011	1,652	1,753	1	1	485,924	509,530
Vermont	319,952	317,066	59,656	58,821	142	242	0	0	379,750	376,129
Middle Atlantic	16,336,534	16,248,572	2,396,266	2,366,543	32,554	34,965	19	20	18,765,373	18,650,100
New Jersey	3,630,528	3,606,683	523,948	525,033	11,432	11,854	6	6	4,165,914	4,143,576
New York	7,228,183	7,237,146	1,151,568	1,125,210	6,426	7,609	8	8	8,386,185	8,369,973
Pennsylvania	5,477,823	5,404,743	720,750	716,300	14,696	15,502	5	6	6,213,274	6,136,551
East North Central	20,638,554	20,295,066	2,546,566	2,518,888	47,359	56,652	11	11	23,232,490	22,870,617
Illinois	5,390,403	5,317,603	627,782	624,098	3,989	5,745	3	3	6,022,177	5,947,449
Indiana	2,939,520	2,888,767	362,877	360,737	15,911	19,447	1	1	3,318,309	3,268,952
Michigan	4,466,028	4,385,300	555,348	542,595	NM	5,754	2	2	5,026,987	4,933,651
Ohio	5,068,851	4,978,173	636,295	633,536	16,876	20,115	3	3	5,722,025	5,631,827
Wisconsin	2,773,752	2,725,223	364,264	357,922	NM	5,591	2	2	3,142,992	3,088,738
West North Central	9,777,139	9,573,919	1,492,088	1,468,555	117,250	131,034	3	3	11,386,480	11,173,511
Iowa	1,427,407	1,391,783	249,704	242,250	8,735	8,735	0	0	1,684,022	1,642,768
Kansas	1,303,990	1,276,615	237,852	235,280	25,321	24,594	0	0	1,567,163	1,536,489
Minnesota	2,475,305	2,446,044	297,608	300,353	NM	9,237	1	1	2,781,503	2,755,635
Missouri	2,888,653	2,812,461	390,506	385,705	6,483	10,056	2	2	3,285,844	3,208,224
Nebraska	882,330	856,479	164,498	154,102	57,726	65,348	0	0	1,104,554	1,075,929
North Dakota	385,928	386,279	75,393	76,819	9,046	8,882	0	0	470,367	471,979
South Dakota	413,326	404,258	76,527	74,047	NM	4,182	0	0	493,027	482,487
South Atlantic	28,965,006	28,412,853	3,872,151	3,843,014	78,823	86,484	13	13	32,915,993	32,342,364
Delaware	444,497	440,537	56,239	56,023	542	864	0	0	501,278	497,424
District of Columbia	292,733	282,994	26,702	26,454	1	1	3	3	319,439	309,452
Florida	9,715,422	9,600,439	1,260,955	1,244,147	20,613	23,757	2	2	10,996,992	10,868,345
Georgia	4,558,951	4,426,033	593,997	586,283	19,766	24,007	1	1	5,172,715	5,036,324
Maryland	2,385,969	2,356,062	256,196	256,554	8,810	8,955	5	5	2,650,980	2,621,576
North Carolina	4,762,262	4,637,941	715,804	706,858	9,751	9,907	1	1	5,487,818	5,354,707
South Carolina	2,403,791	2,340,323	378,215	386,642	4,225	3,714	0	0	2,786,231	2,730,679
Virginia	3,536,987	3,472,538	437,036	434,691	3,817	3,732	1	1	3,977,841	3,910,962
West Virginia	864,394	855,986	147,007	145,362	11,298	11,547	0	0	1,022,699	1,012,895
East South Central	8,794,311	8,471,828	1,436,888	1,417,949	21,108	24,652	0	0	10,252,307	9,914,429
Alabama	2,325,509	2,254,070	374,311	369,773	8,186	7,267	0	0	2,708,006	2,631,110
Kentucky	2,056,066	1,993,614	311,503	311,118	5,317	6,132	0	0	2,372,886	2,310,864
Mississippi	1,354,906	1,300,469	239,201	237,417	6,715	10,234	0	0	1,600,822	1,548,120
Tennessee	3,057,830	2,923,675	511,873	499,641	890	1,019	0	0	3,570,593	3,424,335
West South Central	16,731,198	16,683,572	2,233,833	2,314,305	352,252	318,974	6	6	19,317,289	19,316,857
Arkansas	1,436,327	1,400,873	195,395	198,856	39,547	39,508	2	2	1,671,271	1,639,239
Louisiana	2,150,136	2,102,385	293,545	293,452	18,649	19,484	1	1	2,462,331	2,415,322
Oklahoma	1,834,423	1,781,238	291,111	286,478	18,965	20,419	0	0	2,144,499	2,088,135
Texas	11,310,312	11,399,076	1,453,782	1,535,519	275,091	239,563	3	3	13,039,188	13,174,161
Mountain	10,175,260	10,019,154	1,431,319	1,437,439	92,802	100,097	5	5	11,699,386	11,556,695
Arizona	2,900,525	2,856,489	331,143	329,155	NM	7,972	2	2	3,237,572	3,193,618
Colorado	2,406,483	2,376,739	374,170	381,862	NM	14,761	1	1	2,795,569	2,773,363
Idaho	784,587	767,644	115,074	112,514	29,253	28,715	0	0	928,914	908,873
Montana	528,286	516,658	114,228	109,914	NM	13,422	0	0	652,474	639,994
Nevada	1,229,642	1,210,349	168,771	168,284	NM	3,415	1	1	1,401,903	1,382,049
New Mexico	922,246	895,893	140,806	145,163	NM	9,588	0	0	1,071,469	1,050,644
Utah	1,123,516	1,120,459	127,890	131,961	10,711	10,806	1	1	1,262,118	1,263,227
Wyoming	279,975	274,923	59,237	58,586	10,155	11,418	0	0	349,367	344,927
Pacific Contiguous	18,828,314	18,457,977	2,357,653	2,319,749	204,788	197,530	19	19	21,390,774	20,975,275
California	13,854,492	13,586,517	1,706,103	1,690,345	148,404	145,023	12	12	15,709,011	15,421,897
Oregon	1,807,466	1,767,063	244,424	240,727	27,025	25,596	2	2	2,078,917	2,033,388
Washington	3,166,356	3,104,397	407,126	388,677	29,359	26,911	5	5	3,602,846	3,519,990
Pacific Noncontiguous	735,339	728,834	115,129	115,259	NM	1,972	0	0	852,710	846,065
Alaska	294,176	290,084	55,553	55,326	NM	NM	0	0	351,164	346,555
Hawaii	441,163	438,750	59,576	59,933	807	827	0	0	501,546	499,510
U S Total	137,451,982	135,291,081	18,780,746	18,691,319	968,204	975,412	82	83	157,201,014	154,957,895

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 2019 are final. Values for 2020 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

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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

Chapter 6

Capacity

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Table 6.1 Electric Generating Summer Capacity Changes (MW), August 2020 to September 2020

		As of End of August 2020	Activity During September 2020 as Reported to EIA	As of End of September 2020	Net Change in Capacity - Current Month and Prior Periods			Changes in and Total Net Summer Capacity -- Outlook Based on Reports to EIA										
								Planned Capacity Additions			Reductions			Planned Net Change			Capacity	
Technology	Capacity Source	Total In-Service Capacity	Actual Capacity Additions	Actual Capacity Reductions	Total In-Service Capacity	Current Month	Year to Date	Past 12 Months	Next Month	Next 12 Months	Next Month	Next 12 Months	Next Month	Next 12 Months	Next Month	Next 12 Months	At End of Next Month	At End of Next 12 Months
Onshore Wind (Summer Capacity)	Utility Scale Facilities	108,404.9	793.4	0.0	109,198.3	793.4	5,656.4	9,562.8	2,978.9	20,125.2	0.0	0.0	2,978.9	20,125.2	112,177.2	129,323.5		
Offshore Wind (Summer Capacity)	Utility Scale Facilities	29.3	0.0	0.0	29.3	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	12.0	29.3	41.3		
Wind (Summer Capacity)	Utility Scale Facilities	108,434.2	793.4	0.0	109,227.6	793.4	5,656.4	9,562.8	2,978.9	20,137.2	0.0	0.0	2,978.9	20,137.2	112,206.5	129,364.8		
Solar Photovoltaic	Utility Scale Facilities	40,709.8	679.1	0.0	41,388.9	679.1	5,678.7	8,832.8	802.0	13,742.7	0.0	0.0	802.0	13,742.7	42,190.9	55,131.6		
Solar Thermal without Energy Storage	Utility Scale Facilities	1,352.5	0.0	0.0	1,352.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,352.5	1,352.5		
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	42,467.9	679.1	0.0	43,147.0	679.1	5,678.7	8,832.8	802.0	13,742.7	0.0	0.0	802.0	13,742.7	43,949.0	56,889.7		
Conventional Hydroelectric	Utility Scale Facilities	79,810.3	125.2	0.0	79,935.5	125.2	162.4	159.7	4.7	117.7	0.0	5.5	4.2	112.2	79,939.7	80,047.7		
Wood/Wood Waste Biomass	Utility Scale Facilities	8,383.0	0.0	0.0	8,383.0	0.0	8.5	-26.1	0.0	0.0	0.0	20.0	0.0	-20.0	8,383.0	8,363.0		
Landfill Gas	Utility Scale Facilities	1,916.3	0.0	0.0	1,916.3	0.0	-76.0	-90.6	2.0	3.4	0.0	0.0	2.0	3.4	1,918.3	1,919.7		
Municipal Solid Waste	Utility Scale Facilities	2,120.7	0.0	0.0	2,120.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,120.7	2,120.7		
Other Waste Biomass	Utility Scale Facilities	623.8	0.0	0.0	623.8	0.0	-2.0	-4.7	14.0	54.2	0.0	0.0	14.0	54.2	637.8	678.0		
Biomass Sources Subtotal	Utility Scale Facilities	13,043.8	0.0	0.0	13,043.8	0.0	69.5	-121.4	16.0	57.6	0.0	20.0	16.0	37.6	13,059.8	13,081.4		
Geothermal	Utility Scale Facilities	2,555.4	0.0	0.0	2,555.4	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	2,555.4	2,555.4		
Renewable Sources Subtotal	Utility Scale Facilities	246,311.6	1,597.7	0.0	247,909.3	1,597.7	11,428.0	18,453.9	3,801.1	34,055.2	0.0	25.5	3,801.1	34,029.7	251,710.4	261,939.0		
Natural Gas Fired Combined Cycle	Utility Scale Facilities	275,976.4	700.0	700.0	275,976.4	0.0	4,790.4	6,318.4	5.1	3,522.4	0.0	56.0	5.1	3,466.4	275,981.5	279,442.8		
Natural Gas Fired Combustion Turbine	Utility Scale Facilities	129,214.8	0.0	0.0	129,214.8	0.0	103.7	-133.6	0.0	2,291.2	24.0	43.0	-24.0	2,248.2	129,190.8	131,463.0		
Natural Gas Steam Turbine	Utility Scale Facilities	70,735.8	0.0	0.0	70,735.8	0.0	-173.6	-2,118.1	0.0	18.2	0.0	296.1	0.0	-277.9	70,735.8	70,457.9		
Natural Gas Internal Combustion Engine	Utility Scale Facilities	5,150.2	0.0	0.0	5,150.2	0.0	127.6	247.0	5.4	90.6	7.7	20.0	-2.3	70.6	5,147.9	5,220.8		
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	233.3	0.0	0.0	233.3	0.0	5.0	8.6	0.2	37.4	0.0	0.0	0.2	37.4	233.5	270.7		
Natural Gas Subtotal	Utility Scale Facilities	481,420.5	700.0	700.0	481,420.5	0.0	4,853.1	4,327.3	10.7	5,959.8	31.7	415.1	21.0	5,544.7	481,399.5	486,965.7		
Conventional Steam Coal	Utility Scale Facilities	222,284.6	0.0	650.0	221,634.6	-650.0	-6,266.8	-11,456.4	0.0	39.0	1,139.0	4,824.4	-1,139.0	-4,785.4	220,495.6	216,849.2		
Coal Integrated Gasification Combined Cycle	Utility Scale Facilities	756.0	0.0	0.0	756.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	756.0	756.0		
Coal Subtotal	Utility Scale Facilities	223,040.6	0.0	650.0	222,390.6	-650.0	-6,266.8	-11,456.4	0.0	39.0	1,139.0	4,824.4	-1,139.0	-4,785.4	221,251.6	217,605.2		
Petroleum Coke	Utility Scale Facilities	1,384.9	0.0	0.0	1,384.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,384.9	1,384.9		
Petroleum Liquids	Utility Scale Facilities	29,766.9	0.0	0.0	29,766.9	0.0	-249.5	316.2	0.6	5.4	24.0	837.7	-23.4	-827.3	29,743.5	28,939.6		
Other Gases	Utility Scale Facilities	2,507.2	0.0	0.0	2,507.2	0.0	8.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	2,507.2	2,507.2		
Fossil Fuels Subtotal	Utility Scale Facilities	738,120.1	700.0	1,350.0	737,470.1	-650.0	-1,655.2	-7,442.3	11.3	6,004.2	1,194.7	6,072.2	-1,163.4	-68.0	736,286.7	737,402.1		
Hydroelectric Pumped Storage	Utility Scale Facilities	22,795.3	0.0	0.0	22,795.3	0.0	17.0	17.0	83.3	263.3	0.0	0.0	83.3	263.3	22,878.6	23,058.6		
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	1,348.9	0.0	0.0	1,348.9	0.0	334.1	350.2	37.9	2,706.5	0.0	0.0	37.9	2,706.5	1,381.8	4,055.4		
Energy Storage Subtotal	Utility Scale Facilities	24,191.2	0.0	0.0	24,191.2	0.0	351.1	367.2	116.2	2,969.8	0.0	0.0	116.2	2,969.8	24,307.4	27,161.0		
Nuclear	Utility Scale Facilities	97,120.9	0.0	601.4	96,519.5	-601.4	-1,599.5	-1,599.5	20.0	20.0	0.0	3,337.9	20.0	-3,317.9	96,539.5	93,201.6		
All Other	Utility Scale Facilities	1,544.6	0.0	0.0	1,544.6	0.0	0.0	-27.9	0.0	0.0	0.0	0.0	0.0	0.0	1,544.6	1,544.6		
TOTAL	UTILITY SCALE FACILITIES	1,107,288.4	2,297.7	1,951.4	1,107,634.7	346.3	8,624.4	9,751.4	3,948.6	43,049.2	1,194.7	9,435.6	2,753.9	33,613.6	1,110,388.6	1,141,248.3		
Estimated Small Scale Solar Photovoltaic	Small Scale Facilities	26,197.4			26,505.8	308.4	3,292.2	4,474.7										
Estimated Total Solar Photovoltaic	All Facilities	66,907.2			67,894.7	987.5	8,970.9	13,307.5										
Estimated Total Solar	All Facilities	68,665.3			69,652.8	987.5	8,970.9	13,307.5										

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 - September 2020

Period	Utility Solar Photovoltaic	Estimated Small Scale Solar Photovoltaic	Estimated Total Solar Photovoltaic
Annual Totals			
2010	393.4	N/A	N/A
2011	1,052.0	N/A	N/A
2012	2,694.1	N/A	N/A
2013	5,336.1	N/A	N/A
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
Year 2018			
January	25,968.4	16,647.9	42,616.3
February	26,067.6	16,888.9	42,956.5
March	26,592.1	17,172.4	43,764.5
April	26,859.7	17,431.2	44,290.9
May	27,291.3	17,714.7	45,006.0
June	27,451.7	17,988.5	45,440.2
July	27,590.1	18,239.9	45,830.0
August	27,674.0	18,519.6	46,193.6
Sept	27,989.5	18,780.9	46,770.4
October	28,158.3	19,059.8	47,218.1
November	28,690.2	19,320.0	48,010.2
December	30,120.5	19,547.1	49,667.6
Year 2019			
January	30,911.4	19,697.8	50,609.2
February	31,124.1	19,941.5	51,065.6
March	31,355.0	20,254.3	51,609.3
April	31,466.6	20,506.0	51,972.6
May	31,528.4	20,811.4	52,339.8
June	31,811.5	21,073.0	52,884.5
July	32,079.3	21,407.6	53,486.9
August	32,302.5	21,724.6	54,027.1
Sept	32,556.1	22,031.1	54,587.2
October	33,001.5	22,357.7	55,359.2
November	33,658.4	22,666.6	56,325.0
December	35,710.2	23,213.6	58,923.8
Year 2020			
January	36,830.4	23,753.1	60,583.5
February	37,240.7	24,062.1	61,302.8
March	37,459.8	24,434.1	61,893.9
April	38,107.8	24,748.9	62,856.7
May	38,471.7	24,977.9	63,449.6
June	39,695.7	25,369.6	65,065.3
July	40,109.6	25,779.5	65,889.1
August	40,709.8	26,197.4	66,907.2
Sept	41,388.9	26,505.8	67,894.7

Values for 2019 are final. Values for 2020 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 - September 2020**

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
Year 2018				
January	9,817.0	5,460.2	1,370.7	16,647.9
February	9,977.5	5,530.9	1,380.4	16,888.9
March	10,144.5	5,629.9	1,398.0	17,172.4
April	10,301.4	5,712.2	1,417.5	17,431.2
May	10,476.8	5,801.6	1,436.2	17,714.7
June	10,643.5	5,891.0	1,454.0	17,988.5
July	10,810.7	5,967.0	1,462.2	18,239.9
August	10,991.8	6,055.4	1,472.4	18,519.6
Sept	11,157.7	6,132.3	1,491.0	18,780.9
October	11,354.3	6,204.2	1,501.4	19,059.8
November	11,529.1	6,261.2	1,529.7	19,320.0
December	11,720.4	6,271.4	1,555.4	19,547.1
Year 2019				
January	11,909.0	6,209.1	1,579.7	19,697.8
February	12,080.2	6,270.5	1,590.9	19,941.5
March	12,281.3	6,361.9	1,611.1	20,254.3
April	12,460.8	6,406.0	1,639.3	20,506.0
May	12,656.9	6,487.7	1,666.7	20,811.4
June	12,847.0	6,538.0	1,688.0	21,073.0
July	13,095.9	6,614.7	1,697.0	21,407.6
August	13,314.5	6,697.1	1,713.0	21,724.6
Sept	13,534.1	6,761.3	1,735.6	22,031.1
October	13,769.0	6,838.6	1,750.0	22,357.7
November	13,993.3	6,908.0	1,765.4	22,666.6
December	14,249.0	7,167.9	1,796.6	23,213.6
Year 2020				
January	14,622.8	7,303.3	1,827.0	23,753.1
February	14,842.6	7,365.6	1,853.9	24,062.1
March	15,072.4	7,486.3	1,875.4	24,434.1
April	15,290.7	7,579.2	1,878.9	24,748.9
May	15,489.1	7,589.7	1,899.1	24,977.9
June	15,699.8	7,730.3	1,939.5	25,369.6
July	15,967.4	7,844.0	1,968.1	25,779.5
August	16,192.1	8,020.2	1,985.1	26,197.4
Sept	16,428.1	8,079.3	1,998.4	26,505.8

Values for 2019 are final. Values for 2020 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.

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Table 6 2 A. Net Summer Capacity of Utility Scale Units by Technology and by State, September 2020 and 2019 (Megawatts)

Census Division and State	Renewable Sources		Fossil Fuels		Hydroelectric Pumped Storage		Other Energy Storage		Nuclear		All Other Sources		All Sources	
	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	6,103.9	5,944.4	24,215.7	24,227.5	1,797.4	1,797.4	81.5	58.2	3,323.5	3,323.5	48.0	48.0	35,570.0	35,399.0
Connecticut	462.7	415.3	7,871.2	7,866.2	29.4	29.4	1.6	1.6	2,073.1	2,073.1	26.0	26.0	10,464.0	10,411.6
Maine	2,240.4	2,291.0	2,499.3	2,497.3	0.0	0.0	16.2	16.2	0.0	0.0	22.0	22.0	4,777.9	4,826.5
Massachusetts	1,554.6	1,464.0	9,574.6	9,596.4	1,768.0	1,768.0	52.8	29.5	0.0	0.0	0.0	0.0	12,950.0	12,857.9
New Hampshire	956.9	928.1	2,289.9	2,289.9	0.0	0.0	0.0	0.0	1,250.4	1,250.4	0.0	0.0	4,497.2	4,468.4
Rhode Island	204.6	163.5	1,835.1	1,832.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,039.7	1,995.6
Vermont	684.7	682.5	145.6	145.6	0.0	0.0	10.9	10.9	0.0	0.0	0.0	0.0	841.2	839.0
Middle Atlantic	11,680.9	11,349.4	74,343.2	73,133.1	3,383.3	3,383.3	147.5	143.5	16,940.5	17,956.6	11.2	11.2	106,506.6	105,977.1
New Jersey	1,156.1	1,078.1	12,241.5	12,241.5	420.0	420.0	42.1	42.1	3,467.1	3,467.1	11.2	11.2	17,338.0	17,260.0
New York	7,579.9	7,415.0	27,064.1	27,024.0	1,411.3	1,411.3	57.0	53.0	4,380.2	5,396.3	0.0	0.0	40,492.5	41,299.6
Pennsylvania	2,944.9	2,856.3	35,037.6	33,867.6	1,552.0	1,552.0	48.4	48.4	9,093.2	9,093.2	0.0	0.0	48,676.1	47,417.5
East North Central	14,517.4	12,795.7	108,097.6	111,281.2	2,249.0	2,232.0	194.7	189.7	19,007.1	19,007.1	187.1	187.1	144,252.9	145,692.8
Illinois	5,975.2	4,994.4	27,059.7	29,064.4	0.0	0.0	132.7	132.7	11,582.4	11,582.4	78.0	78.0	44,828.0	45,851.9
Indiana	2,838.9	2,669.1	23,832.4	23,922.6	0.0	0.0	28.0	23.0	0.0	0.0	88.0	88.0	26,787.3	26,702.7
Michigan	3,367.7	2,939.4	19,996.6	20,085.3	2,249.0	2,232.0	1.0	1.0	4,089.6	4,089.6	0.0	0.0	29,703.9	29,347.3
Ohio	1,204.7	1,064.6	23,704.6	25,247.2	0.0	0.0	33.0	33.0	2,134.0	2,134.0	0.0	0.0	27,076.3	28,478.8
Wisconsin	1,130.9	1,128.2	13,504.3	12,961.7	0.0	0.0	0.0	0.0	1,201.1	1,201.1	21.1	21.1	15,857.4	15,312.1
West North Central	35,075.4	30,576.6	59,010.0	59,377.8	657.0	657.0	20.1	20.1	4,842.0	5,443.4	22.8	22.8	99,627.3	96,097.7
Iowa	10,860.3	9,024.6	9,847.6	9,843.1	0.0	0.0	1.1	1.1	0.0	601.4	0.0	0.0	20,709.0	19,470.2
Kansas	6,575.5	6,159.6	8,846.1	9,003.1	0.0	0.0	0.0	0.0	1,225.0	1,225.0	0.8	0.8	16,647.4	16,388.5
Minnesota	5,587.0	5,257.6	10,363.9	10,370.0	0.0	0.0	16.0	16.0	1,657.0	1,657.0	16.7	16.7	17,640.6	17,317.3
Missouri	1,821.0	1,579.0	17,453.6	17,659.0	657.0	657.0	2.2	2.2	1,190.0	1,190.0	0.0	0.0	21,123.8	21,087.2
Nebraska	2,729.5	2,332.0	6,196.3	6,196.3	0.0	0.0	0.0	0.0	770.0	770.0	0.0	0.0	9,695.8	9,298.3
North Dakota	4,198.3	3,741.6	4,601.4	4,601.4	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.3	8,805.0	8,348.3
South Dakota	3,303.8	2,482.2	1,701.1	1,704.9	0.0	0.0	0.8	0.8	0.0	0.0	0.0	0.0	5,005.7	4,187.9
South Atlantic	24,811.6	20,862.3	160,317.8	161,152.9	7,906.4	7,906.4	90.3	76.5	24,706.6	24,688.6	468.9	496.8	218,301.6	215,183.5
Delaware	50.9	47.9	3,321.5	3,321.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,372.4	3,369.4
District of Columbia	21.3	18.9	20.6	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.9	39.5
Florida	4,642.3	3,203.5	53,486.2	53,174.8	0.0	0.0	19.0	14.0	3,626.0	3,626.0	312.9	340.8	62,086.4	60,359.1
Georgia	5,103.1	4,015.8	26,100.8	26,100.8	1,863.4	1,863.4	1.0	1.0	4,061.0	4,061.0	0.0	0.0	37,129.3	36,042.0
Maryland	1,254.8	1,229.4	10,781.2	11,670.7	0.0	0.0	7.0	7.0	1,707.8	1,707.8	6.0	6.0	13,756.8	14,620.9
North Carolina	7,406.2	6,884.7	22,192.8	22,022.6	86.0	86.0	9.8	1.0	5,149.6	5,149.6	54.0	54.0	34,898.4	34,197.9
South Carolina	2,832.8	2,347.2	11,784.1	12,141.3	2,716.0	2,716.0	4.0	4.0	6,594.2	6,576.2	0.0	0.0	23,911.1	23,784.7
Virginia	2,413.7	2,084.6	18,912.7	18,912.7	3,241.0	3,241.0	0.0	0.0	3,568.0	3,568.0	96.0	96.0	28,231.4	27,902.3
West Virginia	1,086.5	1,030.3	13,737.9	13,787.9	0.0	0.0	49.5	49.5	0.0	0.0	0.0	0.0	14,873.9	14,867.7
East South Central	8,911.2	8,846.6	61,431.4	62,732.2	1,616.3	1,616.3	1.0	1.0	11,449.1	11,449.1	1.4	1.4	83,470.4	84,646.6
Alabama	4,119.0	4,115.0	19,635.1	19,610.1	0.0	0.0	1.0	1.0	5,525.4	5,525.4	0.0	0.0	29,280.5	29,251.5
Kentucky	1,247.6	1,246.2	16,877.1	18,261.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18,124.7	19,508.1
Mississippi	520.5	463.0	12,676.9	12,617.9	0.0	0.0	0.0	0.0	1,401.0	1,401.0	1.4	1.4	14,599.8	14,483.3
Tennessee	3,024.1	3,022.4	12,242.3	12,242.3	1,616.3	1,616.3	0.0	0.0	4,522.7	4,522.7	0.0	0.0	21,405.4	21,403.7
West South Central	46,008.1	41,564.4	139,507.2	139,295.5	286.0	286.0	161.5	131.7	8,910.7	8,910.7	548.6	548.6	195,422.1	190,736.9
Arkansas	1,742.7	1,707.1	11,281.0	11,281.0	28.0	28.0	12.0	12.0	1,817.8	1,817.8	0.0	0.0	14,881.5	14,845.9
Louisiana	665.2	615.2	22,487.2	21,262.2	0.0	0.0	0.5	0.5	2,132.9	2,132.9	329.6	329.6	25,615.4	24,340.4
Oklahoma	9,151.0	9,039.0	17,978.6	17,978.6	258.0	258.0	10.0	0.0	0.0	0.0	0.0	0.0	27,397.6	27,275.6
Texas	34,449.2	30,203.1	87,760.4	88,773.7	0.0	0.0	139.0	119.2	4,960.0	4,960.0	219.0	219.0	127,527.6	124,275.0
Mountain	29,761.9	27,824.8	59,544.1	61,711.6	778.8	778.8	54.3	56.1	3,937.0	3,937.0	123.7	123.7	94,199.8	94,432.0
Arizona	5,339.8	5,147.3	17,505.7	18,985.7	216.3	216.3	42.0	42.0	3,937.0	3,937.0	0.0	0.0	27,040.8	28,328.3
Colorado	5,933.5	4,970.0	10,932.9	10,932.9	562.5	562.5	10.5	10.5	0.0	0.0	9.1	9.1	17,448.5	16,485.0
Idaho	4,078.5	4,079.8	1,121.8	1,121.8	0.0	0.0	0.0	0.0	0.0	0.0	14.8	14.8	5,215.1	5,216.4
Montana	3,673.9	3,592.5	2,125.1	2,739.1	0.0	0.0	0.0	0.0	0.0	0.0	40.0	40.0	5,839.0	6,371.6
Nevada	4,110.6	3,776.2	7,821.6	7,821.6	0.0	0.0	0.0	0.0	0.0	0.0	6.5	6.5	11,938.7	11,604.3
New Mexico	2,866.6	2,726.0	5,964.4	5,962.9	0.0	0.0	1.8	3.6	0.0	0.0	0.7	0.7	8,833.5	8,693.2
Utah	1,648.0	1,648.0	7,303.3	7,378.3	0.0	0.0	0.0	0.0	0.0	0.0	40.2	40.2	8,991.5	9,066.5
Wyoming	2,111.0	1,885.0	6,769.3	6,769.3	0.0	0.0	0.0	0.0	0.0	0.0	12.4	12.4	8,892.7	8,666.7
Pacific Contiguous	69,795.6	68,533.0	46,640.2	47,655.5	4,121.1	4,121.1	536.8	260.7	3,403.0	3,403.0	106.3	106.3	124,603.0	124,079.6
California	32,353.8	31,637.9	37,583.2	38,598.7	3,807.1	3,807.1	525.6	249.5	2,240.0	2,240.0	106.3	106.3	76,616.0	76,639.5
Oregon	12,596.6	12,192.5	4,315.2	4,315.2	0.0	0.0	5.0	5.0	0.0	0.0	0.0	0.0	16,916.8	16,512.7
Washington	24,845.2	24,702.6	4,741.8	4,741.6	314.0	314.0	6.2	6.2	1,163.0	1,163.0	0.0	0.0	31,070.2	30,927.4
Pacific Noncontiguous	1,243.3	1,158.2	4,362.9	4,345.1	0.0	0.0	108.2	108.2	0.0	0.0	26.6	26.6	5,741.0	5,638.1
Alaska	538.6	538.6	2,191.6	2,173.8	0.0	0.0	47.2	47.2	0.0	0.0	0.0	0.0	2,777.4	2,759.6
Hawaii	704.7	619.6	2,171.3	2,171.3	0.0	0.0	61.0	61.0	0.0	0.0	26.6	26.6	2,963.6	2,878.5
U.S. Total	247,909.3	228,455.4	737,470.1	744,912.4	22,795.3	22,778.3	1,395.9	1,045.7	96,519.5	98,119.0	1,544.6	1,572.5	1,107,634.7	1,097,883.3

NM = Not meaningful due to large relative standard error
Values for 2019 are final Values for 2020 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'

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Table 6.2 R Net Summer Capacity Using Primarily Renewable Energy Sources and by State, September 2020 and 2019 (Megawatts)

Consensus Division and State	Summer Capacity at Utility Scale Facilities														Small Scale Capacity		Capacity From Utility and Small Scale Facilities			
	Wind		Solar Photovoltaic		Solar Thermal		Conventional Hydroelectric		Biomass Sources		Geothermal		Total Renewable		Estimated Solar Photovoltaic		Estimated Total Solar Photovoltaic		Estimated Total Solar Photovoltaic	
	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	1,463.2	1,429.4	1,266.1	1,079.9	0.0	0.0	1,957.6	1,957.6	1,417.0	1,477.5	0.0	0.0	6,103.9	5,944.4	2,996.5	2,421.4	4,262.6	3,501.3	4,262.6	3,501.3
Connecticut	1.0	1.0	142.4	95.0	0.0	0.0	119.4	119.4	199.9	199.9	0.0	0.0	467.7	415.3	580.8	481.2	723.2	576.2	723.2	576.2
Maine	921.6	921.6	15.5	5.6	0.0	0.0	734.0	734.0	569.3	629.8	0.0	0.0	2,240.4	2,291.0	62.9	55.6	78.4	61.2	78.4	61.2
Massachusetts	105.7	100.7	897.7	812.1	0.0	0.0	766.3	266.3	284.9	284.9	0.0	0.0	1,554.6	1,464.0	1,901.6	1,541.4	2,799.3	2,353.5	2,799.3	2,353.5
New Hampshire	211.9	183.1	0.0	0.0	0.0	0.0	504.0	504.0	241.0	241.0	0.0	0.0	956.9	928.1	113.1	95.4	113.1	95.4	113.1	95.4
Rhode Island	72.8	72.8	89.0	47.9	0.0	0.0	2.7	2.7	40.1	40.1	0.0	0.0	204.6	163.5	204.3	132.5	293.3	100.4	293.3	100.4
Vermont	150.2	150.2	121.5	119.3	0.0	0.0	331.2	331.2	81.8	81.8	0.0	0.0	684.7	682.5	133.9	115.3	255.4	234.6	255.4	234.6
Middle Atlantic	3,453.3	3,363.3	1,648.5	1,309.2	0.0	0.0	5,471.6	5,470.4	1,107.5	1,206.5	0.0	0.0	11,680.9	11,349.4	3,951.8	3,351.3	5,600.3	4,660.5	5,600.3	4,660.5
New Jersey	7.6	7.6	942.4	849.3	0.0	0.0	12.3	12.3	193.8	208.9	0.0	0.0	1,156.1	1,078.1	1,808.5	1,580.3	2,750.9	2,429.6	2,750.9	2,429.6
New York	1,985.7	1,985.7	575.2	392.5	0.0	0.0	4,559.7	4,558.5	459.3	478.3	0.0	0.0	7,579.9	7,415.0	1,709.4	1,407.4	2,704.6	1,799.9	2,704.6	1,799.9
Pennsylvania	1,460.0	1,370.0	130.9	67.4	0.0	0.0	899.6	899.6	454.4	519.3	0.0	0.0	2,944.9	2,856.3	4,333.9	363.6	544.0	431.0	544.0	431.0
East North Central	11,894.3	10,241.2	576.0	504.3	0.0	0.0	884.6	884.6	1,167.5	1,165.6	0.0	0.0	14,517.4	12,795.7	878.1	561.4	1,454.1	1,065.7	1,454.1	1,065.7
Illinois	5,798.0	4,831.5	54.9	40.6	0.0	0.0	34.1	34.1	88.2	88.2	0.0	0.0	5,975.2	4,994.4	367.3	159.2	422.2	199.0	422.2	199.0
Indiana	2,439.8	2,309.8	262.1	222.3	0.0	0.0	66.2	66.2	70.8	70.8	0.0	0.0	2,830.9	2,689.1	116.4	91.0	378.5	313.3	378.5	313.3
Michigan	2,484.3	2,061.8	107.0	100.2	0.0	0.0	273.4	273.4	508.0	504.0	0.0	0.0	3,367.7	2,939.4	116.8	85.8	218.8	186.0	218.8	186.0
Ohio	852.5	718.4	111.0	100.8	0.0	0.0	101.9	101.9	138.7	104.5	0.0	0.0	1,204.7	1,064.6	183.4	149.7	295.0	250.5	295.0	250.5
Wisconsin	319.7	319.7	45.4	40.4	0.0	0.0	409.0	409.0	356.8	359.1	0.0	0.0	1,130.9	1,128.2	94.1	75.7	139.5	116.1	139.5	116.1
West North Central	30,243.8	25,899.0	1,115.1	961.1	0.0	0.0	3,295.5	3,295.5	471.0	421.0	0.0	0.0	35,075.4	30,576.6	509.5	415.1	1,624.6	1,376.2	1,624.6	1,376.2
Iowa	10,677.3	8,844.2	16.0	13.4	0.0	0.0	146.4	146.4	20.6	20.6	0.0	0.0	10,960.3	9,024.6	142.0	109.7	158.6	123.1	158.6	123.1
Kansas	6,520.3	6,133.4	30.7	10.2	0.0	0.0	7.0	7.0	9.0	9.0	0.0	0.0	6,575.5	6,159.6	30.7	23.7	60.9	33.9	60.9	33.9
Minnesota	4,052.2	3,849.2	982.5	856.1	0.0	0.0	205.9	205.9	346.4	346.4	0.0	0.0	5,587.0	5,257.6	93.1	75.7	1,075.0	931.3	1,075.0	931.3
Missouri	1,196.3	954.3	62.1	62.1	0.0	0.0	548.5	548.5	14.1	14.1	0.0	0.0	1,871.0	1,579.0	728.4	195.6	290.5	257.7	290.5	257.7
Nebraska	2,410.8	2,018.3	23.3	18.3	0.0	0.0	279.7	279.7	15.7	15.7	0.0	0.0	2,729.5	2,332.0	12.9	9.6	36.2	27.9	36.2	27.9
North Dakota	3,678.5	3,221.8	0.0	0.0	0.0	0.0	510.0	510.0	9.0	9.0	0.0	0.0	4,190.3	3,741.6	0.0	0.0	0.0	0.0	0.0	0.0
South Dakota	1,699.4	877.8	1.0	1.0	0.0	0.0	1,598.0	1,598.0	5.4	5.4	0.0	0.0	3,303.8	2,482.2	1.0	0.0	1.0	1.0	1.0	1.0
South Atlantic	1,142.5	1,086.3	12,144.3	8,869.2	0.0	0.0	7,189.2	7,187.2	4,335.6	4,219.6	0.0	0.0	24,811.6	20,862.3	2,494.5	2,008.0	14,638.9	10,374.2	14,638.9	10,374.2
Delaware	2.0	2.0	36.7	33.7	0.0	0.0	0.0	0.0	12.2	12.2	0.0	0.0	50.9	47.0	85.3	83.3	122.0	117.0	122.0	117.0
District of Columbia	0.0	0.0	9.3	6.9	0.0	0.0	0.0	0.0	12.0	12.0	0.0	0.0	21.3	18.9	77.4	62.4	86.7	69.3	86.7	69.3
Florida	0.0	0.0	3,414.7	1,975.9	0.0	0.0	43.5	43.5	1,184.1	1,184.1	0.0	0.0	4,647.3	3,203.5	702.0	424.2	4,116.7	2,400.1	4,116.7	2,400.1
Georgia	0.0	0.0	2,012.3	1,041.0	0.0	0.0	2,031.0	2,031.0	1,059.8	943.8	0.0	0.0	5,103.1	4,015.8	NM	NM	NM	NM	NM	NM
Maryland	190.0	190.0	333.9	308.5	0.0	0.0	590.0	590.0	140.9	140.9	0.0	0.0	1,254.8	1,229.4	804.8	762.3	1,138.7	1,070.8	1,138.7	1,070.8
North Carolina	208.0	208.0	4,628.7	4,108.7	0.0	0.0	2,006.0	2,004.0	564.0	564.0	0.0	0.0	7,406.2	6,884.7	220.0	170.8	4,848.8	4,279.5	4,848.8	4,279.5
South Carolina	0.0	0.0	966.4	480.8	0.0	0.0	1,311.9	1,311.9	554.5	554.5	0.0	0.0	2,837.8	2,347.2	254.0	224.5	1,221.0	705.3	1,221.0	705.3
Virginia	0.0	0.0	742.0	413.7	0.0	0.0	860.0	860.0	804.9	804.9	0.0	0.0	2,413.7	2,084.6	144.1	88.5	807.5	502.7	807.5	502.7
West Virginia	742.5	686.3	0.0	0.0	0.0	0.0	340.8	340.8	3.7	3.7	0.0	0.0	1,086.5	1,030.3	10.3	8.6	10.3	8.6	10.3	8.6
East South Central	29.1	29.1	620.5	561.3	0.0	0.0	7,055.3	7,055.3	1,206.3	1,200.9	0.0	0.0	8,911.2	8,846.6	113.6	101.8	734.1	663.1	734.1	663.1
Alabama	0.0	0.0	194.1	194.1	0.0	0.0	3,291.8	3,291.8	633.1	631.1	0.0	0.0	4,119.0	4,115.0	NM	NM	NM	NM	NM	NM
Kentucky	0.0	0.0	26.1	26.1	0.0	0.0	1,146.9	1,146.9	74.6	73.2	0.0	0.0	1,247.6	1,246.2	33.7	26.3	59.8	52.4	59.8	52.4
Mississippi	0.0	0.0	218.1	160.6	0.0	0.0	0.0	0.0	302.4	302.4	0.0	0.0	520.5	463.0	10.1	8.4	228.2	169.0	228.2	169.0
Tennessee	29.1	29.1	182.2	180.5	0.0	0.0	2,616.6	2,616.6	196.7	196.2	0.0	0.0	3,074.1	3,022.4	60.9	58.4	243.1	238.9	243.1	238.9
West South Central	37,255.7	35,218.3	4,558.5	2,127.0	0.0	0.0	3,079.1	2,991.4	1,164.4	1,232.7	0.0	0.0	46,008.1	41,564.4	1,225.1	792.8	5,783.6	2,914.8	5,783.6	2,914.8
Arkansas	0.0	0.0	212.2	110.0	0.0	0.0	1,255.8	1,255.8	264.7	331.3	0.0	0.0	1,742.7	1,707.1	55.2	22.5	267.4	132.5	267.4	132.5
Louisiana	0.0	0.0	51.1	1.1	0.0	0.0	192.0	192.0	422.1	422.1	0.0	0.0	665.2	615.2	153.9	143.4	205.0	144.5	205.0	144.5
Oklahoma	8,168.7	8,068.7	40.5	30.5	0.0	0.0	865.6	863.6	76.2	76.2	0.0	0.0	9,151.0	9,030.9	18.6	11.5	59.1	42.0	59.1	42.0
Texas	29,087.0	27,149.6	4,254.7	1,980.4	0.0	0.0	706.1	670.0	401.4	403.1	0.0	0.0	34,449.2	30,203.1	997.3	615.4	5,252.0	2,595.8	5,252.0	2,595.8
Mountain	10,939.9	9,875.4	6,856.1	6,091.5	474.1	474.1	10,650.0	10,651.4	179.1	183.6	656.7	636.7	29,761.9	27,824.8	3,106.4	2,622.0	9,962.5	8,713.5	10,436.6	9,187.6
Arizona	267.3	267.3	2,025.3	1,832.8	295.6	295.6	2,720.9	2,720.9	30.7	30.7	0.0	0.0	5,339.8	5,147.3	1,582.2	1,377.2	3,617.5	3,210.0	3,913.1	3,505.6
Colorado	4,544.9	3,690.5	675.8	558.7	0.0	0.0	684.1	684.1	28.7	28.7	0.0	0.0	5,933.5	4,970.0	436.2	378.6	1,111.9	937.3	1,111.9	937.3
Idaho	910.4	910.4	242.0	242.0	0.0	0.0	2,761.4	2,764.2	88.7	93.2	10.0	10.0	4,085.5	4,079.9	55.5	38.4	297.5	280.4	297.5	280.4
Montana	871.3	791.3	17.0	17.0	0.0	0.0	2,782.6	2,781.2	3.0	3.0	0.0	0.0	3,673.9	3,592.5	24.2	16.0	41.2	33.8	41.2	33.8
Nevada	150.0	150.0	2,153.5	1,899.1	178.5	178.5	1,051.4	1,051.4	9.8	9.8	567.4	547.4	4,110.6	3,776.2	489.2	383.2	2,642.7	2,222.3	2,821.2	2,400.8
New Mexico	2,035.9	2,035.9	733.8	593.2	0.0	0.0	82.9	82.9	5.4	5.4	8.6	8.6	2,866.6	2,726.0	190.9	160.4	924.7	753.6	9	

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Table 6.2.C. Net Summer Capacity of Utility Scale Units Using Primarily Fossil Fuels and by State - September 2020 and 2019 (Megawatts)

Census Division and State	Natural Gas Fired Combined Cycle		Natural Gas Fired Combustion Turbine		Other Natural Gas		Coal		Petroleum Coke		Petroleum Liquids		Other Gases		Total Fossil Fuels	
	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019	September 2020	September 2019
New England	14,278.6	14,271.6	1,776.0	1,776.0	1,566.9	1,523.7	917.3	917.3	0.0	0.0	5,736.9	5,738.9	0.0	0.0	24,215.7	24,277.5
Connecticut	3,984.2	3,984.2	580.4	580.4	888.3	888.3	383.4	383.4	0.0	0.0	2,084.9	2,084.9	0.0	0.0	7,837.2	7,836.7
Maine	1,285.6	1,281.6	322.3	322.3	12.5	12.5	0.0	0.0	0.0	0.0	878.9	880.9	0.0	0.0	2,499.3	2,497.3
Massachusetts	5,960.6	5,960.6	857.1	857.1	180.5	202.3	0.0	0.0	0.0	0.0	2,576.4	2,576.4	0.0	0.0	9,574.6	9,596.4
New Hampshire	1,258.0	1,258.0	3.9	3.9	400.2	400.2	533.9	533.9	0.0	0.0	94.0	94.0	0.0	0.0	2,289.9	2,289.9
Rhode Island	1,790.2	1,787.2	12.4	12.4	75.4	25.4	0.0	0.0	0.0	0.0	7.1	7.1	0.0	0.0	1,835.1	1,837.1
Vermont	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	145.6	145.6	0.0	0.0	145.6	145.6
Middle Atlantic	36,466.0	33,319.5	7,894.3	7,894.3	14,143.8	14,124.0	10,346.8	12,304.3	11.6	11.6	5,364.7	5,363.5	115.9	115.9	74,343.2	73,133.1
New Jersey	8,579.0	8,579.0	2,844.3	2,844.3	68.5	68.5	463.0	463.0	11.6	11.6	2,746.1	2,746.1	29.0	29.0	12,241.5	12,241.5
New York	9,944.0	8,927.9	3,177.6	3,177.6	9,399.1	9,741.3	652.1	1,627.1	0.0	0.0	3,551.3	3,550.1	0.0	0.0	27,064.1	27,024.0
Pennsylvania	17,943.0	15,812.6	1,872.4	1,872.4	4,336.3	4,314.2	9,231.7	10,714.2	0.0	0.0	1,567.3	1,567.3	86.9	86.9	35,037.6	33,867.6
East North Central	22,411.8	21,679.9	26,489.8	26,781.0	5,620.3	5,620.4	49,919.7	53,490.3	247.6	247.6	7,373.8	7,384.1	1,084.9	1,084.9	108,697.6	111,281.2
Illinois	3,577.7	3,577.7	10,530.4	10,530.4	1,626.7	1,626.7	10,615.5	12,617.5	0.0	0.0	672.9	675.6	36.5	36.5	77,059.7	79,064.4
Indiana	3,866.0	3,866.0	3,256.3	3,252.3	746.8	741.0	15,245.7	15,745.7	0.0	0.0	98.3	98.3	619.3	619.3	23,832.4	23,822.6
Michigan	4,451.9	4,425.0	3,850.1	3,887.9	2,411.4	2,417.1	8,521.2	8,590.3	47.2	47.2	464.8	467.8	250.0	250.0	19,996.6	20,085.3
Ohio	7,037.8	7,025.8	5,636.7	5,636.7	205.5	205.5	9,996.0	11,496.0	142.0	142.0	507.5	562.1	179.1	179.1	23,704.6	25,247.2
Wisconsin	3,478.4	2,778.4	3,216.3	3,373.7	630.1	630.1	5,540.8	5,540.8	58.4	58.4	580.3	580.3	0.0	0.0	13,504.3	12,961.7
West North Central	7,041.7	7,019.1	11,591.3	11,587.5	3,772.4	3,866.3	32,759.9	32,759.9	32.0	32.0	3,854.8	3,856.7	8.4	8.4	59,010.0	59,217.8
Iowa	1,829.0	1,829.0	1,226.8	1,226.8	591.3	591.3	5,343.8	5,343.8	32.0	32.0	824.7	820.2	0.0	0.0	9,847.6	9,843.1
Kansas	266.0	266.0	2,158.1	2,158.1	1,185.6	1,342.6	4,678.5	4,678.5	0.0	0.0	557.9	557.9	0.0	0.0	8,846.1	9,003.1
Minnesota	2,496.0	2,496.0	2,544.8	2,544.8	375.2	381.6	4,180.5	4,180.5	0.0	0.0	767.4	767.1	0.0	0.0	10,363.9	10,370.0
Missouri	1,817.4	1,794.9	3,394.7	3,390.7	669.5	878.5	10,266.5	10,486.5	0.0	0.0	1,105.5	1,108.4	0.0	0.0	17,453.6	17,659.0
Nebraska	338.7	338.7	1,148.4	1,148.4	571.7	521.7	3,867.0	3,867.0	0.0	0.0	371.0	321.0	0.0	0.0	6,196.3	6,196.9
North Dakota	0.0	0.0	414.0	414.0	167.0	167.0	3,948.8	3,948.8	0.0	0.0	63.2	63.2	8.4	8.4	4,601.4	4,601.4
South Dakota	296.0	296.0	1,047.3	1,047.3	12.3	12.3	17.0	17.0	0.0	0.0	216.1	216.9	0.0	0.0	1,374.1	1,374.1
South Atlantic	61,768.9	60,978.5	31,904.5	32,241.2	7,768.9	7,761.4	59,498.1	51,483.1	142.6	142.6	8,660.4	8,512.5	135.0	135.0	160,317.8	161,152.9
Delaware	1,504.0	1,504.0	272.0	272.0	842.0	410.0	410.0	410.0	0.0	0.0	158.5	158.5	135.0	135.0	3,321.5	3,321.5
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	31,864.2	31,821.3	7,942.7	7,912.7	2,521.7	2,503.2	7,802.0	7,782.0	59.0	59.0	3,296.6	3,296.6	0.0	0.0	53,486.2	53,174.8
Georgia	8,009.5	8,009.5	7,803.2	7,803.2	842.9	842.9	8,416.0	8,416.0	83.8	83.8	945.4	945.4	0.0	0.0	26,100.8	26,100.8
Maryland	2,709.1	2,709.1	1,851.7	2,084.2	1,416.1	1,416.1	3,633.0	4,270.0	0.0	0.0	1,171.3	1,191.3	0.0	0.0	10,781.2	11,670.7
North Carolina	5,628.2	5,060.0	6,050.4	6,050.4	1.0	1.0	10,011.2	10,389.7	0.0	0.0	502.0	502.0	0.0	0.0	22,192.8	22,027.6
South Carolina	3,185.0	3,185.0	7,675.7	7,759.4	960.0	961.0	4,160.0	4,160.0	0.0	0.0	234.9	468.9	0.0	0.0	11,164.1	12,141.3
Virginia	8,868.0	8,868.0	4,245.3	4,245.3	579.7	579.7	2,878.9	2,878.9	0.0	0.0	2,340.8	2,340.8	0.0	0.0	18,912.7	18,912.7
West Virginia	0.0	0.0	1,093.4	1,093.4	115.5	115.5	17,518.0	12,568.0	0.0	0.0	11.0	11.0	0.0	0.0	13,737.9	13,787.9
East South Central	71,797.2	71,772.7	12,714.7	12,692.3	4,308.4	4,285.8	22,484.6	23,855.4	0.0	0.0	106.7	106.7	19.8	19.8	61,431.4	62,737.2
Alabama	9,754.8	9,729.8	2,575.6	2,575.6	1,957.8	1,957.8	5,284.3	5,284.3	0.0	0.0	42.6	42.6	19.8	19.8	19,835.1	19,610.1
Kentucky	1,763.0	1,763.0	4,931.2	4,945.2	260.0	260.0	9,911.0	11,281.8	0.0	0.0	11.9	11.9	0.0	0.0	16,877.1	18,261.9
Mississippi	7,824.3	7,824.3	1,375.2	1,338.8	2,024.4	2,001.8	1,444.0	1,444.0	0.0	0.0	9.0	9.0	0.0	0.0	12,676.9	12,617.9
Tennessee	2,455.1	2,455.1	9,832.5	9,832.5	66.2	66.2	5,845.3	5,845.3	0.0	0.0	43.2	43.2	0.0	0.0	17,742.3	17,742.3
West South Central	62,777.6	61,694.7	14,985.7	14,548.7	30,602.7	29,469.1	30,589.1	30,589.1	878.9	878.9	169.1	171.1	818.3	810.3	138,507.2	138,295.5
Arkansas	4,609.8	4,609.8	702.8	702.8	796.0	796.0	5,163.4	5,163.4	0.0	0.0	9.0	9.0	0.0	0.0	11,281.0	11,281.0
Louisiana	9,654.2	8,654.2	7,666.1	2,415.1	6,064.1	6,090.1	2,837.1	2,837.1	815.1	815.1	43.2	43.2	407.4	407.4	22,487.2	21,762.2
Oklahoma	7,321.2	7,321.2	1,630.9	1,630.9	5,706.1	5,705.1	3,246.0	3,246.0	0.0	0.0	74.4	74.4	0.0	0.0	17,978.6	17,978.6
Texas	41,192.4	41,109.5	9,985.9	9,799.0	17,842.3	18,010.5	18,222.6	19,342.6	63.8	63.8	42.5	44.5	410.9	402.9	87,760.4	88,773.7
Mountain	22,546.5	22,545.0	9,137.3	9,137.3	3,629.4	3,609.4	23,725.3	25,914.5	52.0	52.0	349.9	349.9	103.5	103.5	59,544.1	61,711.6
Arizona	9,509.6	9,509.6	2,899.0	2,899.0	1,278.6	1,258.6	3,329.0	4,829.0	0.0	0.0	90.5	90.5	0.0	0.0	17,505.7	18,985.7
Colorado	3,249.5	3,249.5	2,538.0	2,538.0	639.0	639.0	4,340.0	4,340.0	0.0	0.0	166.4	166.4	0.0	0.0	10,932.9	10,932.9
Idaho	547.7	547.7	552.0	552.0	8.2	8.2	6.5	6.5	0.0	0.0	5.4	5.4	0.0	0.0	1,121.8	1,121.8
Montana	0.0	0.0	315.9	315.9	77.2	72.2	1,683.6	2,797.6	52.0	52.0	0.0	0.0	1.5	1.5	2,125.1	2,739.1
Nevada	5,445.0	5,445.0	1,185.6	1,185.6	444.6	444.6	740.4	740.4	0.0	0.0	6.0	6.0	0.0	0.0	7,821.6	7,821.6
New Mexico	1,471.7	1,470.2	957.0	957.0	847.7	847.7	2,640.0	2,640.0	0.0	0.0	48.0	48.0	0.0	0.0	5,564.4	5,562.9
Utah	1,830.0	1,830.0	536.3	536.3	328.2	328.2	4,581.0	4,581.0	0.0	0.0	27.8	27.8	0.0	0.0	7,303.3	7,378.3
Wyoming	94.0	94.0	153.6	153.6	10.9	10.9	6,403.0	6,403.0	0.0	0.0	5.8	5.8	102.0	102.0	6,769.3	6,769.3
Pacific Contiguous	36,411.9	35,908.9	12,089.9	12,059.0	5,445.7	6,894.4	1,582.0	1,582.0	20.0	20.0	469.8	469.8	221.4	221.4	46,640.3	47,655.5
California	70,404.3	69,901.3	11,235.7	11,208.0	5,189.2	6,738.4	57.0	57.0	20.0	20.0	454.6	454.6	221.4	221.4	37,583.7	38,598.1
Oregon	3,372.0	3,372.0	133.8	133.8	224.4	224.4	585.0	585.0	0.0	0.0	0.0	0.0	0.0	0.0	4,315.2	4,315.2
Washington	2,635.6	2,635.6	719.4	719.2	31.6	31.6	1,340.0	1,340.0	0.0	0.0	15.2	15.2	0.0	0.0	4,741.8	4,741.6
Pacific Noncontiguous	477.2	477.2	631.1	631.1	175.0	175.0	348.9	331.9	0.0	0.0	2,730.7	2,729.9	0.0	0.0	4,382.9	4,345.1
Alaska	477.2	477.7	631.1	631.1	175.0	175.0	168.9	151.9	0.0	0.0	739.4	738.6	0.0	0.0	2,191.6	2,173.8
Hawaii	0.0	0.0	0.0	0.0	0.0	0.0	180.0	180.0	0.0	0.0	1,961.3	1,991.3	0.0	0.0	2,171.3	2,171.3
U.S. Total	275,976.4	269,658.0	129,214.8	129,348.4	76,229.3	78,091.8	222,390.6	233,847.0	1,384.9	1,384.9	29,766.8	30,083.1	2,507.2	2,499.2	731,470.1	744,912.4

NM = Not meaningful due to large relative standard error
 Values for 2019 are final. Values for 2020 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."

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Table 6.3 New Utility Scale Generating Units by Operating Company, Plant, and Month, 2020

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	
2020	1	61012	AES Distributed Energy	IPP	AES Tonawanda Solar LLC	NY	63161	TNWA	2.0	Solar Photovoltaic	SUN	PV	
2020	1	61012	AES Distributed Energy	IPP	RT 52 Walden Solar 1, LLC Hybrid	NY	63000	BESS	4.0	Batteries	MWH	BA	
2020	1	63115	AZ Solar 1, LLC	IPP	OL_AZ1	AZ	63349	AZ1	32.5	Solar Photovoltaic	SUN	PV	
2020	1	60496	Adapture Renewables, Inc	IPP	Brush Solar Center	OR	61844	BRUSH	2.8	Solar Photovoltaic	SUN	PV	
2020	1	60281	Allus Power America Management, LLC	IPP	FastSun 18 CSG	MN	63034	FS18	1.0	Solar Photovoltaic	SUN	PV	
2020	1	60281	Allus Power America Management, LLC	IPP	FastSun 5 CSG	MN	63045	FSS	1.0	Solar Photovoltaic	SUN	PV	
2020	1	63049	Cannon Garden LLC	IPP	Cannon Garden Solar	MN	63252	CGS	1.0	Solar Photovoltaic	SUN	PV	
2020	1	63466	Conductive Power	IPP	Ben Moreell Solar Farm	NJ	63786	BMSF	20.0	Solar Photovoltaic	SUN	PV	
2020	1	56769	Consolidated Edison Development Inc	IPP	PA Solar Park II	PA	63520	PASP2	10.0	Solar Photovoltaic	SUN	PV	
2020	1	63120	Cubera Solar, LLC	IPP	Cubera Solar, LLC	NC	63346	PGR06	2.0	Solar Photovoltaic	SUN	PV	
2020	1	62801	DG Linden New Jersey LLC	IPP	DG Infineum	NJ	62958	INFNM	2.0	Solar Photovoltaic	SUN	PV	
2020	1	3046	Duke Energy Progress - (NC)	Electric Utility	Asheville	NC	2706	CT7	153.0	Natural Gas Fired Combined Cycle	NG	CT	
2020	1	61785	EDP Renewables North America LLC	IPP	Sun Streams, LLC	AZ	60827	GEN01	160.0	Solar Photovoltaic	SUN	PV	
2020	1	17685	Entergy Mississippi LLC	Electric Utility	Hinds Energy Facility	MS	55218	H04BS	36.4	Natural Gas Fired Combustion Turbine	NG	GT	
2020	1	6452	Florida Power & Light Co	Electric Utility	Babcock Preserve	FL	62634		74.5	Solar Photovoltaic	SUN	PV	
2020	1	6452	Florida Power & Light Co	Electric Utility	Blue Heron Solar	FL	62631		74.5	Solar Photovoltaic	SUN	PV	
2020	1	6452	Florida Power & Light Co	Electric Utility	Cattle Ranch	FL	62632		74.5	Solar Photovoltaic	SUN	PV	
2020	1	6452	Florida Power & Light Co	Electric Utility	Northern Preserve Solar	FL	62645		74.5	Solar Photovoltaic	SUN	PV	
2020	1	6452	Florida Power & Light Co	Electric Utility	Sweetbay Solar Center	FL	62394		74.5	Solar Photovoltaic	SUN	PV	
2020	1	6452	Florida Power & Light Co	Electric Utility	Twin Lakes	FL	62633		74.5	Solar Photovoltaic	SUN	PV	
2020	1	62856	Forefront Power, LLC	IPP	White CSG	MD	63085	TS124	2.0	Solar Photovoltaic	SUN	PV	
2020	1	61374	Foxtail Wind, LLC	Electric Utility	Foxtail Wind, LLC	ND	61747		150.0	Onshore Wind Turbine	WND	WT	
2020	1	63114	GA Solar 3, LLC	IPP	OL_GA3	GA	63350	GA3	57.5	Solar Photovoltaic	SUN	PV	
2020	1	62062	GD Richmond Buttonwoods I, LLC	IPP	GD Richmond Buttonwoods I, LLC	RI	62567	GDBUT	1.3	Solar Photovoltaic	SUN	PV	
2020	1	62061	GD West Greenwich Victory I, LLC	IPP	GD West Greenwich Victory I, LLC	RI	62568	GDVIC	1.8	Solar Photovoltaic	SUN	PV	
2020	1	61194	Generate Capital	IPP	Kelly Bridge Road Community Solar Farm	NY	62154		12	2.0	Solar Photovoltaic	SUN	PV
2020	1	61194	Generate Capital	IPP	Sacket Lake Rd #1 Community Solar Farm	NY	62158		11	2.0	Solar Photovoltaic	SUN	PV
2020	1	61728	GlidePath Power Operations LLC	IPP	Prospect Storage	TX	62753	BESS	9.9	Batteries	MWH	BA	
2020	1	60025	Greenbacker Renewable Energy Corporation	IPP	Fremont CO 1, LLC	CO	64031		228	1.8	Solar Photovoltaic	SUN	PV
2020	1	60025	Greenbacker Renewable Energy Corporation	IPP	Platteville Solar CSG, LLC	CO	63753		218	1.3	Solar Photovoltaic	SUN	PV
2020	1	60025	Greenbacker Renewable Energy Corporation	IPP	Sol Phoenix	MD	62331	SOLPH	2.5	Solar Photovoltaic	SUN	PV	
2020	1	54769	INLOS USA LLC	Industrial	Power Island	TX	10154	GEN2	50.0	Natural Gas Fired Combustion Turbine	NG	GT	
2020	1	60986	Imperial Valley Solar 2, LLC	IPP	Mount Signal Solar Farm II	CA	61353	IVS2	153.5	Solar Photovoltaic	SUN	PV	
2020	1	9417	Interstate Power and Light Co	Electric Utility	Whispering Willow North	IA	62079		1	201.3	Onshore Wind Turbine	WND	WT
2020	1	62838	LSE Dorado, LLC	IPP	Goose Pond Solar	MA	62992	GPNOB	2.0	Solar Photovoltaic	SUN	PV	
2020	1	62838	LSE Dorado, LLC	IPP	Goose Pond Solar	MA	62992	GPSOU	2.0	Solar Photovoltaic	SUN	PV	
2020	1	12341	MidAmerican Energy Co	Electric Utility	Palo Alto Wind Farm	IA	63053	PAWF	250.0	Onshore Wind Turbine	WND	WT	
2020	1	61925	Middlesex-Yates Solar, LLC	IPP	Daum Solar	NY	62412	DAUM	4.0	Solar Photovoltaic	SUN	PV	
2020	1	63048	Misae Lessee LLC	IPP	Misae Solar	TX	62249	77777	240.0	Solar Photovoltaic	SUN	PV	
2020	1	56990	NJR Clean Energy Ventures Corporation	IPP	Franklin Solar	NJ	63149	FRANK	8.6	Solar Photovoltaic	SUN	PV	
2020	1	56990	NJR Clean Energy Ventures Corporation	IPP	Pohatcong Solar Farm	NJ	63150	POHAT	8.0	Solar Photovoltaic	SUN	PV	
2020	1	63402	Oak Leaf Solar XXXIII LLC (Lantz-Chaffey)	IPP	Oak Leaf Solar XXXIII LLC (Lantz)	CO	63681		13	1.5	Solar Photovoltaic	SUN	PV
2020	1	63402	Oak Leaf Solar XXXIII LLC (Lantz-Chaffey)	IPP	Oak Leaf Solar XXXIII LLC (Lantz)	CO	63681		14	1.5	Solar Photovoltaic	SUN	PV
2020	1	63491	Partridgeville Road Solar 1, LLC	IPP	Partridgeville Hybrid CSG	MA	63804	PAR	3.3	Solar Photovoltaic	SUN	PV	
2020	1	63491	Partridgeville Road Solar 1, LLC	IPP	Partridgeville Hybrid CSG	MA	63804	PBESS	2.0	Batteries	MWH	BA	
2020	1	62796	Paulding Wind Farm IV LLC	IPP	Timber Road IV	OH	62944	TRIV	125.1	Onshore Wind Turbine	WND	WT	
2020	1	62964	Prazer Community Solar LLC	IPP	Prazer Project CSG	MN	63176	TC3	1.0	Solar Photovoltaic	SUN	PV	
2020	1	16191	Robbins Lumber Inc	Industrial	Robbins Lumber	MI	50230	WEG	8.5	Wood/Wood Waste Biomass	WDS	ST	
2020	1	60975	SR Innovation, LLC	IPP	SR Innovation - NIKE PV	TN	61332	NIKE2	1.7	Solar Photovoltaic	SUN	PV	
2020	1	67966	STAG St Paul Community Solar LLC	IPP	STAG St Paul Project CSG	MN	63178	TC3	1.0	Solar Photovoltaic	SUN	PV	
2020	1	60531	Standard Solar	IPP	Min Solar 3 CSG	CO	63379	X0134	1.5	Solar Photovoltaic	SUN	PV	
2020	1	60531	Standard Solar	IPP	USS Cheyenne Solar LLC CSG	MN	63145	CHYNE	1.0	Solar Photovoltaic	SUN	PV	
2020	1	60531	Standard Solar	IPP	USS Greenhouse Solar LLC CSG	MN	63143	GRHSE	1.0	Solar Photovoltaic	SUN	PV	
2020	1	60531	Standard Solar	IPP	USS Turkey Solar LLC CSG	MN	63148	TURKY	1.0	Solar Photovoltaic	SUN	PV	
2020	1	62906	Syncarpha Questa I, LLC	IPP	Syncarpha Questa	NM	63125	SYNGU	1.6	Solar Photovoltaic	SUN	PV	
2020	1	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC10	18.2	Natural Gas Internal Combustion Engine	NG	IC	
2020	1	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC6	18.2	Natural Gas Internal Combustion Engine	NG	IC	
2020	1	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC7	18.2	Natural Gas Internal Combustion Engine	NG	IC	
2020	1	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC8	18.2	Natural Gas Internal Combustion Engine	NG	IC	
2020	1	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC9	18.2	Natural Gas Internal Combustion Engine	NG	IC	
2020	1	63188	West Deptford Distributed Solar, LLC	IPP	Solvay Solar	NJ	63452	SSP	6.5	Solar Photovoltaic	SUN	PV	
2020	1	63535	Westerlo NY 1, LLC	IPP	Westerlo NY 1	NY	64858	8175A	2.0	Solar Photovoltaic	SUN	PV	
2020	1	20854	Winnebago County	Electric CHP	Winnebago County Landfill Gas	WI	50936	EG2R	0.6	Landfill Gas	LFG	IC	

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Table 6.3 New Utility Scale Generating Units by Operating Company, Plant, and Month, 2020

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
2020	2	61669	AES Alamitos Energy, LLC	IPP	AES Alamitos Energy Center	CA	62115	1A	194.0	Natural Gas Fired Combined Cycle	NG	CT
2020	2	61669	AES Alamitos Energy, LLC	IPP	AES Alamitos Energy Center	CA	62115	1B	194.0	Natural Gas Fired Combined Cycle	NG	CT
2020	2	61669	AES Alamitos Energy, LLC	IPP	AES Alamitos Energy Center	CA	62115	1S	215.0	Natural Gas Fired Combined Cycle	NG	CA
2020	2	61670	AES Huntington Beach Energy, LLC	IPP	AES Huntington Beach Energy Project	CA	62116	1A	194.0	Natural Gas Fired Combined Cycle	NG	CT
2020	2	61670	AES Huntington Beach Energy, LLC	IPP	AES Huntington Beach Energy Project	CA	62116	1B	194.0	Natural Gas Fired Combined Cycle	NG	CT
2020	2	61670	AES Huntington Beach Energy, LLC	IPP	AES Huntington Beach Energy Project	CA	62116	1S	215.0	Natural Gas Fired Combined Cycle	NG	CA
2020	2	60496	Adaptive Renewables, Inc.	IPP	Baker City Solar	OR	61854	BAKER	15.0	Solar Photovoltaic	SUN	PV
2020	2	61608	Agilon Energy Holdings II, LLC	IPP	Victoria City Power LLC	TX	61241	VC-1	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	2	61608	Agilon Energy Holdings II, LLC	IPP	Victoria City Power LLC	TX	61241	VC-2	43.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	2	62627	Alchemy Renewable Energy	IPP	Dius Solar, LLC	OR	63330	ORDUS	10.0	Solar Photovoltaic	SUN	PV
2020	2	62627	Alchemy Renewable Energy	IPP	Firewood Solar, LLC	OR	63331	ORFWD	10.0	Solar Photovoltaic	SUN	PV
2020	2	16873	City of Sebewaing - (MI)	Electric Utility	Pine Street	MI	7806	7	4.4	Natural Gas Internal Combustion Engine	NG	IC
2020	2	58970	Ecopterus, Inc.	IPP	Grandy PV 1	NC	59518	GRAND	20.0	Solar Photovoltaic	SUN	PV
2020	2	63143	Falls Creek Garden LLC	IPP	Falls Creek Garden	MN	63394	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	2	62856	Forefront Power LLC	IPP	Howell CSG	NY	63107	1725	2.0	Solar Photovoltaic	SUN	PV
2020	2	61194	Generate Capital	IPP	Boas Rd #4 Community Solar Farm	NY	62533	1023	2.0	Solar Photovoltaic	SUN	PV
2020	2	61194	Generate Capital	IPP	Burrat Rd Community Solar Farm	NY	62480	635	2.0	Solar Photovoltaic	SUN	PV
2020	2	61194	Generate Capital	IPP	Villa Roma Rd #1	NY	62525	40	2.0	Solar Photovoltaic	SUN	PV
2020	2	61194	Generate Capital	IPP	Villa Roma Rd #2	NY	62526	41	2.0	Solar Photovoltaic	SUN	PV
2020	2	61194	Generate Capital	IPP	Washington St Community Solar Farm #1	NY	62472	617	2.2	Solar Photovoltaic	SUN	PV
2020	2	61194	Generate Capital	IPP	Washington St Community Solar Farm #4	NY	62471	1034	2.5	Solar Photovoltaic	SUN	PV
2020	2	63228	Gohman Community Solar LLC	IPP	Gohman Community Solar (CSG)	MN	63484	GOHMAN	1.1	Solar Photovoltaic	SUN	PV
2020	2	62106	Hidalgo Wind Farm II LLC	IPP	Hidalgo Wind Farm II	TX	62618	W1	50.4	Onshore Wind Turbine	WIND	WT
2020	2	54769	INEOS USA LLC	Industrial	Power Island	TX	10154	GEN3	50.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	2	61620	IOS II LLC	IPP	IOS II-LAX9	CA	63414	IOSII	3.7	Solar Photovoltaic	SUN	PV
2020	2	9417	Interstate Power and Light Co	Electric Utility	Marshalltown Generating Station	IA	58236	PV1	2.6	Solar Photovoltaic	SUN	PV
2020	2	49893	Invenenergy Services LLC	IPP	Camilla Solar Energy Project	GA	61785	CAMSR	171.4	Solar Photovoltaic	SUN	PV
2020	2	63213	Jemez Cuba LLC	IPP	Alcalde Solar Array	NM	63477	SOLAR	2.4	Solar Photovoltaic	SUN	PV
2020	2	61957	Kearny Mesa Storage LLC	IPP	Kearny Mesa Storage LLC	CA	62441	U1	1.0	Batteries	MWH	BA
2020	2	63158	Loon Garden LLC	IPP	Loon Garden	MN	63397	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	2	62915	Madison Energy Holdings LLC	IPP	Goodhue Community Solar One LLC CSG	MN	63380	52829	1.0	Solar Photovoltaic	SUN	PV
2020	2	62915	Madison Energy Holdings LLC	IPP	Goodhue Community Solar Three LLC CSG	MN	63417	52831	1.0	Solar Photovoltaic	SUN	PV
2020	2	12341	MidAmerican Energy Co	Electric Utility	Arbor Hill Wind Farm	IA	62132	1	60.0	Onshore Wind Turbine	WIND	WT
2020	2	63462	NY- CSG- Livingston 4	IPP	NY- CSG- Livingston 4	NY	63781	LV4	2.0	Solar Photovoltaic	SUN	PV
2020	2	62832	Novel Herber Solar LLC CSG	IPP	Novel Herber Solar CSG	MN	62966	HERB	1.0	Solar Photovoltaic	SUN	PV
2020	2	60531	Standard Solar	IPP	USS Midtown Solar LLC CSG	MN	63146	MDTWN	1.0	Solar Photovoltaic	SUN	PV
2020	2	63144	Star Garden LLC	IPP	Star Garden	MN	63395	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	2	63131	Strandness Garden LLC	IPP	Strandness Garden	MN	63367	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	2	18454	Tampa Electric Co	Electric Utility	Little Manatee River Solar	FL	62750	GEN1	74.5	Solar Photovoltaic	SUN	PV
2020	2	60947	Tesla Inc	IPP	Walnut Unified School District Walnut HS Hybrid	CA	63510	PV1	1.8	Solar Photovoltaic	SUN	PV
2020	2	60947	Tesla Inc	IPP	Walnut Unified School District Walnut HS Hybrid	CA	63510	ST1	0.5	Batteries	MWH	BA
2020	2	19511	University of Alaska	Commercial	University of Alaska Fairbanks	AK	50711	GEN5	17.0	Conventional Steam Coal	SUB	ST
2020	2	62701	Vista Solar, Inc	IPP	Shelter Creek Condominiums Solar	CA	62806	SCC01	2.4	Solar Photovoltaic	SUN	PV
2020	2	57354	X-Elio North America Inc	IPP	Lily Solar	SC	63548	1	70.0	Solar Photovoltaic	SUN	PV
2020	3	60571	AEP Onsite Partners	IPP	Galesburg Solar Array	IL	63399	GWA01	1.4	Solar Photovoltaic	SUN	PV
2020	3	61012	AES Distributed Energy	IPP	Hurteau Solar Project Hybrid	MA	63468	BA11	1.3	Batteries	MWH	BA
2020	3	61012	AES Distributed Energy	IPP	Hurteau Solar Project Hybrid	MA	63468	HURTU	2.0	Solar Photovoltaic	SUN	PV
2020	3	60281	Altus Power America Management, LLC	IPP	FastSun 10 CSG	MN	63038	FS10	1.0	Solar Photovoltaic	SUN	PV
2020	3	60281	Altus Power America Management, LLC	IPP	FastSun 11 CSG	MN	63037	FS11	1.0	Solar Photovoltaic	SUN	PV
2020	3	60281	Altus Power America Management, LLC	IPP	FastSun 9 CSG	MN	63040	FS9	1.0	Solar Photovoltaic	SUN	PV
2020	3	60146	Ameresco Federal Solutions	IPP	NASA Wallops Flight Facility Solar	VA	62948	CRPT5	0.1	Solar Photovoltaic	SUN	PV
2020	3	60146	Ameresco Federal Solutions	IPP	NASA Wallops Flight Facility Solar	VA	62948	CRPT6	0.1	Solar Photovoltaic	SUN	PV
2020	3	60146	Ameresco Federal Solutions	IPP	NASA Wallops Flight Facility Solar	VA	62948	CRPT7	0.1	Solar Photovoltaic	SUN	PV
2020	3	60146	Ameresco Federal Solutions	IPP	NASA Wallops Flight Facility Solar	VA	62948	TRCK1	4.0	Solar Photovoltaic	SUN	PV
2020	3	15399	Avangrid Renewables LLC	IPP	Otter Creek Wind Farm LLC	IL	61344	WT1	150.0	Onshore Wind Turbine	WIND	WT
2020	3	58953	Bos Dairy, LLC	Industrial	Bos Dairy, LLC	IN	57625	BOS4	0.9	Natural Gas Internal Combustion Engine	NG	IC
2020	3	63157	Buffalo Garden LLC	IPP	Buffalo Garden	MN	63396	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	3	59365	Capital Power Corporation	IPP	Cardinal Point LLC	IL	59902	GEN	150.0	Onshore Wind Turbine	WIND	WT
2020	3	60656	Chestnut Solar LLC	IPP	Chestnut Solar	NC	61011	PV1	74.9	Solar Photovoltaic	SUN	PV
2020	3	63177	Club Garden LLC	IPP	Club Garden Solar	MN	63430	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	3	16873	City of Sebewaing - (MI)	Electric Utility	Pine Street	MI	7806	8	3.3	Natural Gas Internal Combustion Engine	NG	IC
2020	3	18488	City of Taunton	Electric Utility	Cloary Flood Hybrid	MA	1682	BS1	2.9	Batteries	MWH	BA
2020	3	56769	Consolidated Edison Development Inc	IPP	Lakeland Solar	NJ	63503	LAKHS	9.6	Solar Photovoltaic	SUN	PV

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Table 6.3 New Utility Scale Generating Units by Operating Company, Plant, and Month, 2020

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
2020	3	63338	Crown Solar Center, LLC	IPP	Crown	SC	63635	CROWN	3.0	Solar Photovoltaic	SUN	PV
2020	3	63450	DG South Carolina Solar, LLC	IPP	Omantke Solar	SC	63756	DGSC1	6.0	Solar Photovoltaic	SUN	PV
2020	3	6455	Duke Energy Florida, LLC	Electric Utility	Columbia Solar Power Plant	FL	61982	PV1	74.9	Solar Photovoltaic	SUN	PV
2020	3	56201	Engie North America	IPP	East Fork Wind Project, LLC	KS	62220	WTGS	195.8	Onshore Wind Turbine	WND	WT
2020	3	56201	Engie North America	IPP	Jumbo Hill Wind Project	TX	62630	WTGS1	160.7	Onshore Wind Turbine	WND	WT
2020	3	11241	Entergy Louisiana LLC	Electric Utility	Lake Charles Power	LA	60927	1A	250.0	Natural Gas Fired Combined Cycle	NG	CT
2020	3	11241	Entergy Louisiana LLC	Electric Utility	Lake Charles Power	LA	60927	1B	250.0	Natural Gas Fired Combined Cycle	NG	CT
2020	3	11241	Entergy Louisiana LLC	Electric Utility	Lake Charles Power	LA	60927	1C	500.0	Natural Gas Fired Combined Cycle	NG	CA
2020	3	63685	Fitchburg Renewables, LLC	IPP	Fitchburg Renewables	MA	64045	4648	4.0	Solar Photovoltaic	SUN	PV
2020	3	62856	Forefront Power, LLC	IPP	Fresno Bullard High School Hybrid	CA	63420	903	1.7	Solar Photovoltaic	SUN	PV
2020	3	62856	Forefront Power, LLC	IPP	Fresno Bullard High School Hybrid	CA	63420	BA903	0.4	Batteries	MWH	BA
2020	3	62856	Forefront Power, LLC	IPP	Fresno Hoover High School Hybrid	CA	63421	291	1.2	Solar Photovoltaic	SUN	PV
2020	3	62856	Forefront Power, LLC	IPP	Fresno Hoover High School Hybrid	CA	63421	BA291	0.7	Batteries	MWH	BA
2020	3	63339	Fort Rock Solar I, LLC	IPP	Fort Rock I	OR	63636	FR1	9.9	Solar Photovoltaic	SUN	PV
2020	3	60025	Greenbacker Renewable Energy Corporation	IPP	Alden Solar CSG LLC	CO	64021	225	1.6	Solar Photovoltaic	SUN	PV
2020	3	60025	Greenbacker Renewable Energy Corporation	IPP	Blue Star	MD	62332	BLUES	7.5	Solar Photovoltaic	SUN	PV
2020	3	60025	Greenbacker Renewable Energy Corporation	IPP	IGS CC, LLC	DC	63428	254	1.5	Solar Photovoltaic	SUN	PV
2020	3	60025	Greenbacker Renewable Energy Corporation	IPP	IGS FE Trenton, LLC	NJ	63626	229	1.5	Solar Photovoltaic	SUN	PV
2020	3	9417	Interstate Power and Light Co	Electric Utility	Golden Plains	IA	62081	1	199.8	Onshore Wind Turbine	WND	WT
2020	3	62085	Mesquite Star LLC	IPP	Mesquite Star	TX	62587	MESQ	418.9	Onshore Wind Turbine	WND	WT
2020	3	63534	Middletown NY 1, LLC	IPP	Middletown NY 1	NY	63857	81758	2.0	Solar Photovoltaic	SUN	PV
2020	3	63175	Mud Garden LLC	IPP	Mud Garden Solar	MN	63427	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	3	63461	NY- CSG- Johnstown 2	IPP	NY- CSG- Johnstown 2	NY	63780	JOHN2	2.0	Solar Photovoltaic	SUN	PV
2020	3	63185	Neighborhood Power Corp	IPP	St Louis Solar	OR	63456	W9319	2.2	Solar Photovoltaic	SUN	PV
2020	3	62837	Novel DeCook Solar LLC CSG	IPP	Novel DeCook Solar CSG	MN	62979	DECO	1.0	Solar Photovoltaic	SUN	PV
2020	3	61758	Prevailing Wind Park, LLC	IPP	Prevailing Wind Park	SD	62247	PWPSD	220.0	Onshore Wind Turbine	WND	WT
2020	3	63187	Rush Springs Energy Storage	IPP	Rush Springs Energy Storage (BA)	OK	63458	RUSH	10.0	Batteries	MWH	BA
2020	3	60163	Soltage LLC	IPP	Ace Solar	SC	61937	18	1.0	Solar Photovoltaic	SUN	PV
2020	3	62971	South Energy Investments LLC	IPP	South Windsor Fuel Cell	CT	63302	SWFCS	5.0	Other Natural Gas	NG	FC
2020	3	60531	Standard Solar	IPP	NY 26 Carriage CSG	NY	63224	X0140	5.0	Solar Photovoltaic	SUN	PV
2020	3	63171	Straight Garden LLC	IPP	Straight Garden Solar	MN	63424	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	3	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC1	18.2	Natural Gas Internal Combustion Engine	NG	IC
2020	3	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC2	18.2	Natural Gas Internal Combustion Engine	NG	IC
2020	3	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC3	18.2	Natural Gas Internal Combustion Engine	NG	IC
2020	3	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC4	18.2	Natural Gas Internal Combustion Engine	NG	IC
2020	3	24211	Tucson Electric Power Co	Electric Utility	H Wilson Sundt Generating Station	AZ	126	RIC5	18.2	Natural Gas Internal Combustion Engine	NG	IC
2020	3	62103	Whitney Hill Wind Power LLC	IPP	Whitney Hill Wind Power LLC	IL	62606	WTHWP	65.0	Onshore Wind Turbine	WND	WT
2020	4	59496	Allote Clean Energy	IPP	South Peak Wind	MT	62939	41001	80.0	Onshore Wind Turbine	WND	WT
2020	4	60289	Blazing Star Wind Farm, LLC	IPP	Blazing Star Wind Farm 1	MN	60504	BLZG1	200.0	Onshore Wind Turbine	WND	WT
2020	4	16445	City of Tallahassee - (FL)	Electric Utility	Arvoh B Hopkins	FL	688	IC5	18.5	Natural Gas Internal Combustion Engine	NG	IC
2020	4	17568	Cooperative Energy	Electric Utility	Bennedale	MS	2068	BENU1	11.3	Natural Gas Internal Combustion Engine	NG	IC
2020	4	17568	Cooperative Energy	Electric Utility	Bennedale	MS	2068	BENU2	11.3	Natural Gas Internal Combustion Engine	NG	IC
2020	4	56534	Crocket Valley Energy Center LLC	IPP	Crocket Valley Energy	NY	57185	U001	143.3	Natural Gas Fired Combined Cycle	NG	CA
2020	4	56534	Crocket Valley Energy Center LLC	IPP	Crocket Valley Energy	NY	57185	U002	143.3	Natural Gas Fired Combined Cycle	NG	CA
2020	4	56534	Crocket Valley Energy Center LLC	IPP	Crocket Valley Energy	NY	57185	U003	143.3	Natural Gas Fired Combined Cycle	NG	CA
2020	4	56534	Crocket Valley Energy Center LLC	IPP	Crocket Valley Energy	NY	57185	U004	195.4	Natural Gas Fired Combined Cycle	NG	CT
2020	4	56534	Crocket Valley Energy Center LLC	IPP	Crocket Valley Energy	NY	57185	U005	195.4	Natural Gas Fired Combined Cycle	NG	CT
2020	4	56534	Crocket Valley Energy Center LLC	IPP	Crocket Valley Energy	NY	57185	U006	195.4	Natural Gas Fired Combined Cycle	NG	CT
2020	4	61060	Cypress Creek Renewables	IPP	Huntley	SC	63271	1295	75.0	Solar Photovoltaic	SUN	PV
2020	4	3046	Duke Energy Progress - (NC)	Electric Utility	Asheville	NC	7706	ST8	102.0	Natural Gas Fired Combined Cycle	NG	CA
2020	4	58135	Ecos Energy LLC	IPP	Plainfield Solar 2	CT	63263	PLFD2	1.0	Solar Photovoltaic	SUN	PV
2020	4	63176	Erin Garden LLC	IPP	Erin Garden Solar	MN	63479	CSG	1.0	Solar Photovoltaic	SUN	PV
2020	4	6452	Florida Power & Light Co	Electric Utility	Echo River Solar	FL	62490	1	74.5	Solar Photovoltaic	SUN	PV
2020	4	6452	Florida Power & Light Co	Electric Utility	Hibiscus Solar Energy Center	FL	62206	1	74.5	Solar Photovoltaic	SUN	PV
2020	4	6452	Florida Power & Light Co	Electric Utility	Okeechobee Solar	FL	62491	1	74.5	Solar Photovoltaic	SUN	PV
2020	4	6452	Florida Power & Light Co	Electric Utility	Southfork Solar	FL	62493	1	74.5	Solar Photovoltaic	SUN	PV
2020	4	61944	GSRP	IPP	Chevron - Lost Hills Hybrid	CA	63545	GEN1	30.0	Solar Photovoltaic	SUN	PV
2020	4	61194	Generate Capital	IPP	Washington St Community Solar Farm #3	NY	62473	1035	2.5	Solar Photovoltaic	SUN	PV
2020	4	7801	Gulf Power Co	Electric Utility	Gulf Power Blue Indigo Energy	FL	63754	SBIO1	74.5	Solar Photovoltaic	SUN	PV
2020	4	63399	Hertzberg Community Solar	IPP	Hertzberg Community (CSG)	MN	63680	HERTZ	1.0	Solar Photovoltaic	SUN	PV
2020	4	63398	Laurel Village Community Solar LLC	IPP	Laurel Village (CSG)	MN	63679	LAUR	1.0	Solar Photovoltaic	SUN	PV
2020	4	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Johnson Corner Solar 1	KS	62993	KSJCT	20.0	Solar Photovoltaic	SUN	PV
2020	4	62915	Madison Energy Holdings LLC	IPP	Goodhue Community Solar Two LLC	MN	63533	52830	1.0	Solar Photovoltaic	SUN	PV

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Table 6 3 New Utility Scale Generating Units by Operating Company, Plant, and Month, 2020

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
2020	4	63442	Mount Hope Solar 2 LLC	IPP	Mount Hope West	NY	63748	MHW	2.0	Solar Photovoltaic	SUN	PV
2020	4	62863	Novel Bartel Solar LLC CSG	IPP	Novel Bartel Solar CSG	MN	63004	BART	1.0	Solar Photovoltaic	SUN	PV
2020	4	62833	Novel Henckhoff Solar LLC CSG	IPP	Novel Henckhoff Solar CSG	MN	62967	HERIC	1.0	Solar Photovoltaic	SUN	PV
2020	4	62009	Palmer Solar LLC	IPP	Palmer Solar	CO	62495	20181	60.0	Solar Photovoltaic	SUN	PV
2020	4	63397	Paulson Community Solar LLC	IPP	Paulson Community (CSG)	MN	63678	PAUL	1.0	Solar Photovoltaic	SUN	PV
2020	4	16380	RTC Properties Inc	Commercial	River Terminal Development Solar	NJ	60843	RTD6	0.2	Solar Photovoltaic	SUN	PV
2020	4	60389	Rabbit Hill Energy Storage Project	IPP	Rabbit Hill Energy Storage Project	TX	60649		1	99 Batteries	MWH	BA
2020	4	63452	Ralph's Grocery Company	Industrial	Kroger La Habra	CA	63758	KROLH	1.2	Solar Photovoltaic	SUN	PV
2020	4	63357	Sheriff Rd Solar LLC	IPP	Sheriff Road	MD	63654	SHRFF	1.1	Solar Photovoltaic	SUN	PV
2020	4	18454	Tampa Electric Co	Electric Utility	Wimauma Solar	FL	61667		1	74.5 Solar Photovoltaic	SUN	PV
2020	4	63173	Zumbro Garden LLC	IPP	Zumbro Solar Garden	MN	63426	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	5	61012	AES Distributed Energy	IPP	Beals Medina Solar LLC CSG	NY	63130	BEALS	3.5	Solar Photovoltaic	SUN	PV
2020	5	60496	Adaptive Renewables, Inc	IPP	Morgan Solar Center	OR	61855	MORGN	3.0	Solar Photovoltaic	SUN	PV
2020	5	60496	Adaptive Renewables, Inc	IPP	Ontario Solar Center	OR	61860	ONTRO	3.0	Solar Photovoltaic	SUN	PV
2020	5	59844	Blythe Solar III, LLC	IPP	Blythe Solar III, LLC Hybrid	CA	60094	BLSL3	136.8	Solar Photovoltaic	SUN	PV
2020	5	63205	Brush Creek Solar, LLC	IPP	Brush Creek Solar	OR	63464	PGR19	2.2	Solar Photovoltaic	SUN	PV
2020	5	62900	Caden Energx Rives Road LLC	IPP	Caden Energx Rives Road LLC	VA	63087	ENX01	19.7	Solar Photovoltaic	SUN	PV
2020	5	62855	Clear Creek Wind, LLC	IPP	Clear Creek Wind	MO	63025	V110	22.0	Onshore Wind Turbine	WND	WT
2020	5	62855	Clear Creek Wind, LLC	IPP	Clear Creek Wind	MO	63025	V120	220.0	Onshore Wind Turbine	WND	WT
2020	5	56769	Consolidated Edison Development Inc	IPP	CED Mason City Wind	IA	63521	MCW1	7.5	Onshore Wind Turbine	WND	WT
2020	5	60370	DG AMP Solar, LLC	IPP	DG AMP Rittman Rd	OH	62941	AMPRR	2.6	Solar Photovoltaic	SUN	PV
2020	5	5108	DTE Electric Company	Electric Utility	Polans Wind Park	MI	62790		1	168.6 Onshore Wind Turbine	WND	WT
2020	5	63207	Drift Creek Solar, LLC	IPP	Drift Creek Solar	OR	63466	PGR18	2.2	Solar Photovoltaic	SUN	PV
2020	5	6455	Duke Energy Florida, LLC	Electric Utility	Debary Solar Power Plant	FL	62542	PV1	74.5	Solar Photovoltaic	SUN	PV
2020	5	13478	Entergy New Orleans, LLC	Electric Utility	New Orleans Power	LA	60928		1	250.0 Natural Gas Fired Combustion Turbine	NG	GT
2020	5	62759	Geronimo Energy	IPP	Hydra Community Solar Garden, LLC (CSG)	MN	63629	HYDRA	1.0	Solar Photovoltaic	SUN	PV
2020	5	60659	Hickory Run Energy, LLC	IPP	Hickory Run Energy Station	PA	61028	CTG1	268.5	Natural Gas Fired Combined Cycle	NG	CT
2020	5	60659	Hickory Run Energy, LLC	IPP	Hickory Run Energy Station	PA	61028	CTG2	268.5	Natural Gas Fired Combined Cycle	NG	CT
2020	5	60659	Hickory Run Energy, LLC	IPP	Hickory Run Energy Station	PA	61028	STG1	437.0	Natural Gas Fired Combined Cycle	NG	CA
2020	5	49893	Invenery Services LLC	IPP	Beech Ridge II Wind Energy Center	WV	62482	GEN1	56.2	Onshore Wind Turbine	WND	WT
2020	5	63172	Leven Garden LLC	IPP	Leven Garden Solar	MN	63425	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	5	62915	Madison Energy Holdings LLC	IPP	Pinesburg Solar LLC	MD	63903	PINE1	4.3	Solar Photovoltaic	SUN	PV
2020	5	63174	Maston Garden LLC	IPP	Maston Garden Solar	MN	63434	CGS	1.0	Solar Photovoltaic	SUN	PV
2020	5	12303	Merck & Co Inc-West Point	Industrial	West Point (PA)	PA	62149	GEN16	1.1	Natural Gas Internal Combustion Engine	NG	IC
2020	5	56990	NJR Clean Energy Ventures Corporation	IPP	Campus Drive Solar	NJ	63334	CAMP5	3.7	Solar Photovoltaic	SUN	PV
2020	5	62849	Novel Byron Solar LLC CSG	IPP	Novel Byron Solar CSG	MN	62985	BYRN	1.0	Solar Photovoltaic	SUN	PV
2020	5	63183	Oxy Renewable Energy LLC	IPP	Oxy Renewable Energy - Goldsmith	TX	63388	SOLAR	16.8	Solar Photovoltaic	SUN	PV
2020	5	63189	Rock County Wind Fuel, LLC	IPP	Rock County Wind Fuel, LLC	MN	63460	RCWF	5.0	Onshore Wind Turbine	WND	WT
2020	5	63074	Scout Clean Energy LLC	IPP	Heart of Texas Wind Project	TX	61032	HTX	180.0	Onshore Wind Turbine	WND	WT
2020	5	17164	Sierra Pacific Industries Inc	Industrial	Sierra Pacific Industries (2042-RD)	CA	63416	GEN1	8.4	Solar Photovoltaic	SUN	PV
2020	5	17650	Southern Power Co	IPP	Reading Wind Project	KS	60999	READW	200.1	Onshore Wind Turbine	WND	WT
2020	5	60970	SunShare Management	IPP	Linden 01 CSG	MN	63179	KANE1	1.0	Solar Photovoltaic	SUN	PV
2020	5	60970	SunShare Management	IPP	Linden 02 CSG	MN	63182	LIND2	1.0	Solar Photovoltaic	SUN	PV
2020	5	60970	SunShare Management	IPP	Linden 03 CSG	MN	63183	LIND3	1.0	Solar Photovoltaic	SUN	PV
2020	5	62822	Syncarpha Blandford, LLC	IPP	Syncarpha Blandford Hybrid CSG	MA	62975	SYBLB	3.9	Batteries	MWH	BA
2020	5	62905	Syncarpha Taos I, LLC	IPP	Syncarpha Taos	NM	63123	SYNTA	3.1	Solar Photovoltaic	SUN	PV
2020	5	62828	TWE Bowman Solar Project, LLC	IPP	TWE Bowman Solar Project	SC	62828	BOW	73.1	Solar Photovoltaic	SUN	PV
2020	5	20856	Wisconsin Power & Light Co	Electric Utility	West Riverside Energy Center	WI	64020	CTG3	225.0	Natural Gas Fired Combined Cycle	NG	CT
2020	5	20856	Wisconsin Power & Light Co	Electric Utility	West Riverside Energy Center	WI	64020	CTG4	225.0	Natural Gas Fired Combined Cycle	NG	CT
2020	5	20856	Wisconsin Power & Light Co	Electric Utility	West Riverside Energy Center	WI	64020	STG2	250.0	Natural Gas Fired Combined Cycle	NG	CA
2020	6	61524	226HC Bme LLC	IPP	Holston 1 Solar Farm	TX	61962	HSF01	200.0	Solar Photovoltaic	SUN	PV
2020	6	63663	28 Livermore Hill Road Solar, LLC	IPP	28 Livermore Hill Road Solar	MA	64014	7405	5.0	Solar Photovoltaic	SUN	PV
2020	6	59272	41MB Bme, LLC	IPP	Borden Solar Farm	CA	59531	BRDN	50.0	Solar Photovoltaic	SUN	PV
2020	6	61012	AES Distributed Energy	IPP	Cronn Road Solar 1, LLC CSG Hybrid	MA	63011	CRONI	1.5	Solar Photovoltaic	SUN	PV
2020	6	61012	AES Distributed Energy	IPP	Cycz Solar Project CSG Hybrid	MA	63472	BATT	1.3	Batteries	MWH	BA
2020	6	61012	AES Distributed Energy	IPP	Cycz Solar Project CSG Hybrid	MA	63472	CYCZ	2.0	Solar Photovoltaic	SUN	PV
2020	6	61012	AES Distributed Energy	IPP	Partridge Solar Project CSG Hybrid	MA	63435	BATT	1.3	Batteries	MWH	BA
2020	6	61012	AES Distributed Energy	IPP	Partridge Solar Project CSG Hybrid	MA	63435	PRTDG	2.0	Solar Photovoltaic	SUN	PV
2020	6	63468	Alkali Solar, LLC	IPP	Alkali Solar, LLC	OR	63795		2	10.0 Solar Photovoltaic	SUN	PV
2020	6	60281	Altus Power America Management, LLC	IPP	FastSun 19 CSG	MN	63033	FS19	1.0	Solar Photovoltaic	SUN	PV
2020	6	60281	Altus Power America Management, LLC	IPP	FastSun 2 CSG	MN	62696	FS2	1.0	Solar Photovoltaic	SUN	PV
2020	6	63595	Blandford Sun, LLC	IPP	Sunpin Blandford	MA	63942	SUNB1	4.7	Solar Photovoltaic	SUN	PV
2020	6	10623	City of Lakeland - (FL)	Electric Utility	C D McIntosh Jr	FL	676	GT2	117.0	Natural Gas Fired Combustion Turbine	NG	GT

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Table 6.3 New Utility Scale Generating Units by Operating Company, Plant, and Month, 2020

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
2020	6	56769	Consolidated Edison Development Inc	IPP	CED Crane Solar	TX	63519	CRN1	150.0	Solar Photovoltaic	SUN	PV
2020	6	49846	Covanta Honolulu Resource Recovery	Commercial	H Power	HI	10334	PV1	2.1	Solar Photovoltaic	SUN	PV
2020	6	62800	DG Edison New Jersey LLC	IPP	DG Iron Mountain	NJ	62957	IRNMI	5.4	Solar Photovoltaic	SUN	PV
2020	6	5248	Dominion Energy Inc	Electric Utility	Myrtle Solar	VA	63746	MYSO	15.0	Solar Photovoltaic	SUN	PV
2020	6	61420	ENGIE Storage Services NA LLC	Commercial	Pacific Union College BESS	CA	61795	12649	1.0	Batteries	MWH	BA
2020	6	58135	Ecos Energy LLC	IPP	Dickinson Solar (CT)	CT	63245	CKN	2.0	Solar Photovoltaic	SUN	PV
2020	6	58135	Ecos Energy LLC	IPP	Sydney Solar	CT	63244	SYDN	2.0	Solar Photovoltaic	SUN	PV
2020	6	63593	Fort Rock Solar IV LLC	IPP	Fort Rock IV	OR	63926	FRIV	10.0	Solar Photovoltaic	SUN	PV
2020	6	7140	Georgia Power Co	Electric Utility	Moody Air Force Base Solar	GA	62377	1	49.5	Solar Photovoltaic	SUN	PV
2020	6	63292	Harmony Florida Solar LLC	IPP	Harmony Solar	FL	63582	HFS	14.5	Solar Photovoltaic	SUN	PV
2020	6	63470	Illinois PV Fulton 1, LLC	IPP	Illinois PV Fulton 1 CSG	IL	63790	FULT	2.0	Solar Photovoltaic	SUN	PV
2020	6	9234	Indiana Municipal Power Agency	Electric Utility	Crawfordsville Solar Park 4	IN	62776	SCRA4	2.3	Solar Photovoltaic	SUN	PV
2020	6	9234	Indiana Municipal Power Agency	Electric Utility	Gas City Solar Park	IN	62767	SGASC	2.5	Solar Photovoltaic	SUN	PV
2020	6	61219	Longroad Energy Services LLC	IPP	Prospero Solar	TX	62755	PROSP	300.0	Solar Photovoltaic	SUN	PV
2020	6	62915	Madison Energy Holdings LLC	IPP	Houston/Winona Community Solar One LLC	MN	63534	52627	1.0	Solar Photovoltaic	SUN	PV
2020	6	62915	Madison Energy Holdings LLC	IPP	Winona Community Solar One LLC	MN	63537	52637	1.0	Solar Photovoltaic	SUN	PV
2020	6	63529	Medusa NY 1, LLC	IPP	Medusa NY 1	NY	63854	8175C	2.0	Solar Photovoltaic	SUN	PV
2020	6	62864	Novel Haley Solar LLC CSG	IPP	Novel Haley Solar CSG	MN	63005	HALY	1.0	Solar Photovoltaic	SUN	PV
2020	6	63589	POET Biorefining Shelbyville	Industrial	POET Biorefining - Shelbyville	IN	63921	1	5.5	Natural Gas Steam Turbine	NG	ST
2020	6	62633	Plum Creek Wind, LLC	IPP	Plum Creek Wind Project (NE)	NC	62711	PLUM	230.0	Onshore Wind Turbine	WND	WT
2020	6	61676	RE Rambler LLC	IPP	Rambler	TX	62141	RMBLR	200.0	Solar Photovoltaic	SUN	PV
2020	6	56215	RWE Renewables Americas LLC	IPP	Peyton Creek Wind Farm LLC	TX	62417	WT1	220.0	Onshore Wind Turbine	WND	WT
2020	6	63460	Rock Garden, LLC	IPP	Rock Garden Solar, LLC	OR	63779	4	10.0	Solar Photovoltaic	SUN	PV
2020	6	62913	Roundhouse Renewable Energy, LLC	Industrial	Roundhouse Wind Energy Project	WY	63133	82059	124.0	Onshore Wind Turbine	WND	WT
2020	6	62913	Roundhouse Renewable Energy, LLC	Industrial	Roundhouse Wind Energy Project	WY	63133	82060	79.0	Onshore Wind Turbine	WND	WT
2020	6	62913	Roundhouse Renewable Energy, LLC	Industrial	Roundhouse Wind Energy Project	WY	63133	82061	23.0	Onshore Wind Turbine	WND	WT
2020	6	60531	Standard Solar	IPP	USS Mayhew Solar LLC CSG	MN	63144	MAYHW	1.0	Solar Photovoltaic	SUN	PV
2020	6	60531	Standard Solar	IPP	USS Milkweed Solar LLC CSG	MN	63142	MLKWD	1.0	Solar Photovoltaic	SUN	PV
2020	6	60531	Standard Solar	IPP	USS Monarch Solar LLC CSG	MN	63147	MNRCH	1.0	Solar Photovoltaic	SUN	PV
2020	6	60531	Standard Solar	IPP	USS Sunrise Solar LLC CSG	MN	63141	SNRSE	1.0	Solar Photovoltaic	SUN	PV
2020	6	60531	Standard Solar	IPP	USS Westeros Solar LLC CSG	MN	63140	USSWS	1.0	Solar Photovoltaic	SUN	PV
2020	6	63573	SolusSolar17	IPP	SolusSolar17	OR	63908	SS17	31	Solar Photovoltaic	SUN	PV
2020	6	63290	Taylor Creek Solar LLC	IPP	Taylor Creek Solar	FL	63583	1CS	74.5	Solar Photovoltaic	SUN	PV
2020	6	63532	Walden NY 1, LLC	IPP	Walden NY 1	NY	63855	8175E	2.0	Solar Photovoltaic	SUN	PV
2020	6	63469	West Hines Solar I, LLC	IPP	West Hines Solar I, LLC	OR	63796	1	10.0	Solar Photovoltaic	SUN	PV
2020	7	61012	AES Distributed Energy	IPP	Allis Medina Solar LLC CSG	NY	63129	ALLIS	5.0	Solar Photovoltaic	SUN	PV
2020	7	61012	AES Distributed Energy	IPP	Cronin Road Solar 1, LLC CSG Hybrid	MA	63011	BESS	1.5	Batteries	MWH	BA
2020	7	61012	AES Distributed Energy	IPP	Partridge Hill Solar Hybrid	MA	63264	BAT1	13	Batteries	MWH	BA
2020	7	62834	Caden Energy Pampin LLC	IPP	Caden Energy Pampin LLC	VA	63083	ENX04	15.7	Solar Photovoltaic	SUN	PV
2020	7	7626	City of Greenfield - (IA)	Electric Utility	Greenfield	IA	1144	1	2.5	Petroleum Liquids	DFO	IC
2020	7	7626	City of Greenfield - (IA)	Electric Utility	Greenfield	IA	1144	2	2.5	Petroleum Liquids	DFO	IC
2020	7	56769	Consolidated Edison Development Inc	IPP	CED Champaign Solar LLC	IL	62681	CSIL	1.6	Solar Photovoltaic	SUN	PV
2020	7	61060	Cypress Creek Renewables	IPP	Midlands	SC	63839	1113	72.1	Solar Photovoltaic	SUN	PV
2020	7	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT1	8.7	Conventional Hydroelectric	WAT	HY
2020	7	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT2	8.7	Conventional Hydroelectric	WAT	HY
2020	7	39347	East Texas Electric Coop, Inc	Electric Utility	RC Thomas Hydroelectric Project	TX	58645	RCT3	8.7	Conventional Hydroelectric	WAT	HY
2020	7	62856	Forefront Power, LLC	IPP	DGS Wasco State Prison	CA	63418	1122	2.3	Solar Photovoltaic	SUN	PV
2020	7	63512	Gateway Energy Storage, LLC	IPP	Gateway Energy Storage System	CA	63834	GTWAY	250.0	Batteries	MWH	BA
2020	7	60719	Harvest Ridge Wind Farm	IPP	Harvest Ridge Wind Farm	IL	61161	GEN01	202.0	Onshore Wind Turbine	WND	WT
2020	7	62638	Helen Solar LLC	IPP	Helen Solar CSG	MN	62706	SC	4.0	Solar Photovoltaic	SUN	PV
2020	7	9234	Indiana Municipal Power Agency	Electric Utility	Tell City Solar Park	IN	62790	STEL2	3.2	Solar Photovoltaic	SUN	PV
2020	7	10273	Kimberly Clark Corp	Industrial	Chester Operations	PA	50410	6	14.1	Natural Gas Fired Combined Cycle	NG	CT
2020	7	62915	Madison Energy Holdings LLC	IPP	Nicollet Community Solar One LLC	MN	63120	52828	1.0	Solar Photovoltaic	SUN	PV
2020	7	11479	Madison Gas & Electric Co	Electric Utility	Middleton Airport Solar	WI	62731	1	5.0	Solar Photovoltaic	SUN	PV
2020	7	63471	NES Olympus	IPP	Lane II Solar, LLC	NC	63837	PV1	4.9	Solar Photovoltaic	SUN	PV
2020	7	56990	NJR Clean Energy Ventures Corporation	IPP	Monroe Solar Farm, LLC	NJ	63451	MONR1	13.1	Solar Photovoltaic	SUN	PV
2020	7	61156	NMRD Data Center, LLC	IPP	Encino Solar Energy Center	NM	63860	ESEC	55.0	Solar Photovoltaic	SUN	PV
2020	7	62640	Northfield Solar LLC	IPP	Northfield Solar CSG	MN	62708	SC	5.0	Solar Photovoltaic	SUN	PV
2020	7	62788	Oberon Solar IA	IPP	Oberon IA	TX	62933	OBR1A	150.0	Solar Photovoltaic	SUN	PV
2020	7	62788	Oberon Solar IB	IPP	Oberon IB	TX	62932	OBR1B	30.0	Solar Photovoltaic	SUN	PV
2020	7	14063	Oklahoma Gas & Electric Co	Electric Utility	Chickasaw Nation Solar Farm	OK	63500	CVS1	5.0	Solar Photovoltaic	SUN	PV
2020	7	14063	Oklahoma Gas & Electric Co	Electric Utility	Choctaw Nation Solar Farm	OK	63499	CVS1	5.0	Solar Photovoltaic	SUN	PV
2020	7	63592	Riley Solar I LLC	IPP	Riley	OR	63925	RILEY	10.0	Solar Photovoltaic	SUN	PV

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Table 6.3 New Utility Scale Generating Units by Operating Company, Plant, and Month, 2020

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
2020	7	61677	Sol Systems	IPP	Rufi Solar LLC	NC	62594	11625	5.0	Solar Photovoltaic	SUN	PV
2020	7	63624	SulusSolar35	IPP	SulusSolar35	OR	63969	SS35	3.0	Solar Photovoltaic	SUN	PV
2020	7	63459	Suntex Solar, LLC	IPP	Suntex Solar, LLC	OR	63778	3	10.0	Solar Photovoltaic	SUN	PV
2020	7	62637	Walcott Solar LLC	IPP	Walcott Solar CSG	MN	62707	SC	4.0	Solar Photovoltaic	SUN	PV
2020	7	62641	Warsaw Solar LLC	IPP	Warsaw Solar CSG	MN	62709	SC	2.0	Solar Photovoltaic	SUN	PV
2020	7	20323	Wellhead Energy, LLC	IPP	Stanton Energy Reliability Center Hybrid	CA	60698	GT1	45.9	Natural Gas Fired Combustion Turbine	NG	GT
2020	7	20323	Wellhead Energy, LLC	IPP	Stanton Energy Reliability Center Hybrid	CA	60698	GT2	45.9	Natural Gas Fired Combustion Turbine	NG	GT
2020	7	63533	Westtown NY 2, LLC	IPP	Westtown NY 2	NY	63856	8175D	2.0	Solar Photovoltaic	SUN	PV
2020	8	60571	AEP Onsite Partners	IPP	Pine Hill	RJ	63997	PHS01	5.0	Solar Photovoltaic	SUN	PV
2020	8	61012	AES Distributed Energy	IPP	McDougle-Mitchell Solar Project Hybrid CSG	MA	63470	BATT1	2.9	Batteries	MWH	BA
2020	8	61012	AES Distributed Energy	IPP	McDougle-Mitchell Solar Project Hybrid CSG	MA	63470	MCDM1	4.5	Solar Photovoltaic	SUN	PV
2020	8	63019	AGA TAG Solar III LLC	IPP	AGA TAG Solar III LLC	SC	63243	SCAG	2.0	Solar Photovoltaic	SUN	PV
2020	8	60496	Adapture Renewables, Inc	IPP	Vale Solar Center	OR	61856	VALE	3.0	Solar Photovoltaic	SUN	PV
2020	8	63380	Brenda Luhman Community Solar LLC	IPP	Brenda Luhman - CSG	MN	63682	BLCS	1.0	Solar Photovoltaic	SUN	PV
2020	8	62835	Caden Energix Hickory LLC	IPP	Caden Energix Hickory LLC	VA	63084	ENX02	20.0	Solar Photovoltaic	SUN	PV
2020	8	63072	Cerro Gordo Wind Farm	IPP	Cerro Gordo Wind Farm	IA	63287	CGWF	42.0	Onshore Wind Turbine	WND	WT
2020	8	61060	Cypress Creek Renewables	IPP	Waygu	TX	63273	1215	120.0	Solar Photovoltaic	SUN	PV
2020	8	3046	Duke Energy Progress - (NC)	Electric Utility	Asheville Rock Hill Battery	NC	63064	ES1	8.8	Batteries	MWH	BA
2020	8	51202	E&E Enterprises LLC	IPP	Allendorf	IA	56215	E1	1.8	Onshore Wind Turbine	WND	WT
2020	8	62856	Forefront Power, LLC	IPP	Reed Road Solar	IL	63071	1822	1.3	Solar Photovoltaic	SUN	PV
2020	8	62856	Forefront Power, LLC	IPP	Square Barn Solar	IL	63070	1820	1.5	Solar Photovoltaic	SUN	PV
2020	8	61944	GSRP	IPP	Lafayette 2 - Internal Services Dept	CA	63527	GENT1	1.9	Solar Photovoltaic	SUN	PV
2020	8	61944	GSRP	IPP	Lafayette 2 - MLK Jr Hospital (MLK)	CA	63623	GENT1	1.7	Solar Photovoltaic	SUN	PV
2020	8	63400	Hammer Community Solar LLC	IPP	Hammer Community (CSG)	MN	63694	HAMR	1.0	Solar Photovoltaic	SUN	PV
2020	8	10273	Kimberly-Clark Corp	Industrial	Chester Operations	PA	50410	6A	14.1	Natural Gas Fired Combined Cycle	NG	CC
2020	8	10273	Kimberly-Clark Corp	Industrial	Chester Operations	PA	50410	7	14.1	Natural Gas Fired Combined Cycle	NG	CC
2020	8	10273	Kimberly-Clark Corp	Industrial	Chester Operations	PA	50410	7A	14.1	Natural Gas Fired Combined Cycle	NG	CC
2020	8	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Whitetail Solar 3	PA	62991	PAWT3	20.0	Solar Photovoltaic	SUN	PV
2020	8	62915	Madison Energy Holdings LLC	IPP	ESIL-PFCHICAGO 3, LLC	IL	63888	PF3CH	14	Solar Photovoltaic	SUN	PV
2020	8	63471	NES Olympus	IPP	Benson Solar, LLC	NC	63836	PV1	4.9	Solar Photovoltaic	SUN	PV
2020	8	63471	NES Olympus	IPP	Eagle Solar	NC	60161	PV1	4.0	Solar Photovoltaic	SUN	PV
2020	8	63471	NES Olympus	IPP	Tate Solar	NC	60160	PV1	5.0	Solar Photovoltaic	SUN	PV
2020	8	63632	North American Central - LLC	IPP	Central Generating	MI	63977	3	1.6	Landfill Gas	LFG	IC
2020	8	62847	Novel Pederson Solar CSG	IPP	Novel Pederson Solar CSG	MN	62983	PED	1.0	Solar Photovoltaic	SUN	PV
2020	8	62644	OEE XXVIII LLC	Industrial	LafargeHolcim - Paulding Wind Project	OH	62752	L1	1.5	Onshore Wind Turbine	WND	WT
2020	8	62644	OEE XXVIII LLC	Industrial	LafargeHolcim - Paulding Wind Project	OH	62752	L2	1.5	Onshore Wind Turbine	WND	WT
2020	8	62644	OEE XXVIII LLC	Industrial	LafargeHolcim - Paulding Wind Project	OH	62752	L3	1.5	Onshore Wind Turbine	WND	WT
2020	8	62128	OEE XXX LLC	Industrial	Zephyr Wind Project - 2.0	OH	62653	T1	1.5	Onshore Wind Turbine	WND	WT
2020	8	62128	OEE XXX LLC	Industrial	Zephyr Wind Project - 2.0	OH	62653	T2	1.5	Onshore Wind Turbine	WND	WT
2020	8	62128	OEE XXX LLC	Industrial	Zephyr Wind Project - 2.0	OH	62653	T3	1.5	Onshore Wind Turbine	WND	WT
2020	8	15466	Public Service Co of Colorado	Electric Utility	Cheyenne Ridge Wind Farm	CO	62952	CRW01	488.0	Onshore Wind Turbine	WND	WT
2020	8	62047	Roadrunner Solar, LLC	IPP	Roadrunner, LLC	TX	62501	RODR1	200.0	Solar Photovoltaic	SUN	PV
2020	8	62047	Roadrunner Solar, LLC	IPP	Roadrunner, LLC	TX	62501	RODR2	200.0	Solar Photovoltaic	SUN	PV
2020	8	63366	Schueler Community Solar LLC	IPP	Schueler Community Solar	MN	63658	TC3	1.0	Solar Photovoltaic	SUN	PV
2020	8	63365	Siems Community Solar LLC	IPP	Siems Solar Project CSG	MN	63657	TC3	1.0	Solar Photovoltaic	SUN	PV
2020	8	20323	Wellhead Energy, LLC	IPP	Stanton Energy Reliability Center Hybrid	CA	60698	BESS1	10.0	Batteries	MWH	BA
2020	8	20323	Wellhead Energy, LLC	IPP	Stanton Energy Reliability Center Hybrid	CA	60698	BESS2	10.0	Batteries	MWH	BA
2020	9	63373	Bitler Ridge Wind Farm, LLC	IPP	Bitler Ridge Wind Farm, LLC	IN	63666	BIT	130.0	Onshore Wind Turbine	WND	WT
2020	9	63507	Bluebird Solar LLC	IPP	Bluebird Solar SC LLC	SC	63833	BB	3.0	Solar Photovoltaic	SUN	PV
2020	9	63487	Bronco Plains Wind, LLC	IPP	Bronco Plains Wind, LLC	CO	63803	WBOPL	299.0	Onshore Wind Turbine	WND	WT
2020	9	62835	Caden Energix Hickory LLC	IPP	Caden Energix Hickory LLC	VA	63084	ENX03	12.0	Solar Photovoltaic	SUN	PV
2020	9	63073	Chicot Solar, LLC	IPP	Chicot Solar	AR	63295	CHICO	100.0	Solar Photovoltaic	SUN	PV
2020	9	5248	Dominion Energy Inc	Electric Utility	Grasshopper Solar	VA	62813	GRHS	80.0	Solar Photovoltaic	SUN	PV
2020	9	63614	Easthampton Park Solar 1, LLC	IPP	Easthampton CSG	MA	63953	EASTP	2.5	Solar Photovoltaic	SUN	PV
2020	9	63615	Erving Poplar Mountain Solar 1, LLC	IPP	Erving CSG	MA	63950	ERVIN	1.0	Solar Photovoltaic	SUN	PV
2020	9	62856	Forefront Power, LLC	IPP	Hamory Road Solar	IL	63069	1823	1.9	Solar Photovoltaic	SUN	PV
2020	9	61873	GA Solar 4	IPP	Twiggs Solar	GA	61696	TWIGG	204.0	Solar Photovoltaic	SUN	PV
2020	9	9191	Idaho Power Co	Electric Utility	Shoshone Falls	ID	818	4	3.2	Conventional Hydroelectric	WAT	HY
2020	9	9234	Indiana Municipal Power Agency	Electric Utility	Crawfordsville 5 Solar Park	IN	62793	SCRAS	9.8	Solar Photovoltaic	SUN	PV
2020	9	9417	Interstate Power and Light Co	Electric Utility	Richland	IA	62080	1	130.9	Onshore Wind Turbine	WND	WT
2020	9	61251	LA3 West Baton Rouge, L.L.C	IPP	LA3 West Baton Rouge Solar Facility	LA	61646	LA3WB	50.0	Solar Photovoltaic	SUN	PV
2020	9	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Whitetail Solar 2	PA	62990	PAWT2	20.0	Solar Photovoltaic	SUN	PV
2020	9	62915	Madison Energy Holdings LLC	IPP	Sobana Community Solar LLC	MN	63791	SOB01	1.0	Solar Photovoltaic	SUN	PV

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Table 6.3 New Utility Scale Generating Units by Operating Company, Plant, and Month, 2020

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
2020	9	63471	NES Olympos	IPP	Pilot Mountain Solar, LLC	NC	63835	PV1	4.9	Solar Photovoltaic	SUN	PV
2020	9	56990	NJR Clean Energy Ventures Corporation	IPP	ACCP NJ 1	NJ	63198	ACCP1	1.7	Solar Photovoltaic	SUN	PV
2020	9	56990	NJR Clean Energy Ventures Corporation	IPP	Galloway Landfill	NJ	63698	GALLO	2.3	Solar Photovoltaic	SUN	PV
2020	9	14624	PUD No 2 of Grant County	Electric Utility	Wanapum	WA	3888	4A	122.0	Conventional Hydroelectric	WAI	HY
2020	9	61521	Pegasus Wind, LLC	IPP	Pegasus Wind	MI	61916	PWEC2	130.0	Onshore Wind Turbine	WND	WT
2020	9	61634	SR Terrell, LLC	IPP	SR Terrell	GA	62058	TERRL	74.0	Solar Photovoltaic	SUN	PV
2020	9	60531	Standard Solar	IPP	USS B&B Solar LLC CSG	MN	63216	BB	1.0	Solar Photovoltaic	SUN	PV
2020	9	60531	Standard Solar	IPP	USS Christoffer Solar LLC CSG	MN	63152	CHRST	1.0	Solar Photovoltaic	SUN	PV
2020	9	60531	Standard Solar	IPP	USS Cougar Solar LLC CSG	MN	63158	COUGR	1.0	Solar Photovoltaic	SUN	PV
2020	9	60531	Standard Solar	IPP	USS Flower Solar LLC CSG	MN	63159	FLOWR	1.0	Solar Photovoltaic	SUN	PV
2020	9	62701	Vista Solar, Inc	IPP	Hopkinton Phase 2	RI	63191	HTP2	2.5	Solar Photovoltaic	SUN	PV
2020	9	61981	Willow Creek Wind Power LLC	IPP	Willow Creek Wind Power LLC	SD	62431	1	103.5	Onshore Wind Turbine	WND	WT
2020	9	63689	Wonderful Renewable Energy, LLC	Industrial	Wonderful Orchards - New Columbia	CA	64055	WOC	5.0	Solar Photovoltaic	SUN	PV

NOTES

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

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

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

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Table 6 4 Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2020

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
2020	1	3046	Duke Energy Progress - (NC)	Electric Utility	Asheville	NC	2706	1	189.0	Conventional Steam Coal	BIT	ST
2020	1	3046	Duke Energy Progress - (NC)	Electric Utility	Asheville	NC	2706	2	189.0	Conventional Steam Coal	BIT	ST
2020	1	9155	Inland Empire Energy Ctr LLC	IPP	Inland Empire Energy Center	CA	55853	1	345.0	Natural Gas Fired Combined Cycle	NG	CS
2020	1	9155	Inland Empire Energy Ctr LLC	IPP	Inland Empire Energy Center	CA	55853	2	345.0	Natural Gas Fired Combined Cycle	NG	CS
2020	1	12949	Morgantown Energy Associates	Electric CHP	Morgantown Energy Facility	WV	10743	GEN1	50.0	Conventional Steam Coal	WC	ST
2020	1	15298	Talen Montana LLC	IPP	Colstrip	MT	6076	1	307.0	Conventional Steam Coal	SUB	ST
2020	1	15298	Talen Montana LLC	IPP	Colstrip	MT	6076	2	307.0	Conventional Steam Coal	SUB	ST
2020	1	16642	Tennessee Valley Authority	Electric Utility	Paradise	KY	1378	3	971.0	Conventional Steam Coal	BIT	ST
2020	1	2770	Terra-Gen Operating Co-Wind	IPP	Difwind Farms Ltd I	CA	54681	EXIS	7.3	Onshore Wind Turbine	WND	WT
2020	1	2770	Terra-Gen Operating Co-Wind	IPP	Difwind Farms Ltd II	CA	54682	EXIS	5.4	Onshore Wind Turbine	WND	WT
2020	1	2770	Terra-Gen Operating Co-Wind	IPP	Difwind Farms Ltd V	CA	54685	EXIS	11.6	Onshore Wind Turbine	WND	WT
2020	1	2770	Terra-Gen Operating Co-Wind	IPP	Terra-Gen 251 Wind LLC	CA	52161	WGN5	18.4	Onshore Wind Turbine	WND	WT
2020	1	2770	Terra-Gen Operating Co-Wind	IPP	Victory Garden Phase IV LLC	CA	52160	WGN5	22.0	Onshore Wind Turbine	WND	WT
2020	2	56953	Bos Dairy, LLC	Industrial	Bos Dairy, LLC	IN	57625	BOS2	0.6	Natural Gas Internal Combustion Engine	NG	IC
2020	2	6526	FirstEnergy Generation Corp	IPP	FirstEnergy Eastlake	OH	2837	6	24.0	Petroleum Liquids	DFO	GT
2020	2	57463	Kimberly-Clark Worldwide Inc	Industrial	Fullerton Mill CHP	CA	58083	GTG1	12.0	Natural Gas Fired Combined Cycle	NG	CT
2020	2	57463	Kimberly-Clark Worldwide Inc	Industrial	Fullerton Mill CHP	CA	58083	STG1	1.0	Natural Gas Fired Combined Cycle	NG	CA
2020	2	2770	Terra-Gen Operating Co-Wind	IPP	Altech III	CA	50485	GEN1	21.7	Onshore Wind Turbine	WND	WT
2020	2	2770	Terra-Gen Operating Co-Wind	IPP	Altech III	CA	50485	GEN2	3.4	Onshore Wind Turbine	WND	WT
2020	2	2770	Terra-Gen Operating Co-Wind	IPP	Dutch Wind Energy	CA	57301	DEC	8.0	Onshore Wind Turbine	WND	WT
2020	2	20541	Wheelabrator Environmental Systems	Electric CHP	Wheelabrator Frackville Energy	PA	50879	GEN1	42.5	Conventional Steam Coal	WC	ST
2020	3	4161	Constellation Power Source Gen	IPP	Notch Cliff	MD	1555	GT5	14.6	Natural Gas Fired Combustion Turbine	NG	GT
2020	3	4161	Constellation Power Source Gen	IPP	Notch Cliff	MD	1555	GT6	15.6	Natural Gas Fired Combustion Turbine	NG	GT
2020	3	4161	Constellation Power Source Gen	IPP	Notch Cliff	MD	1555	GT7	14.5	Natural Gas Fired Combustion Turbine	NG	GT
2020	3	4161	Constellation Power Source Gen	IPP	Notch Cliff	MD	1555	GT8	16.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	3	3046	Duke Energy Progress - (NC)	Electric Utility	Darlington County	SC	3250	1	50.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	3	3046	Duke Energy Progress - (NC)	Electric Utility	Darlington County	SC	3250	10	49.0	Petroleum Liquids	DFO	GT
2020	3	3046	Duke Energy Progress - (NC)	Electric Utility	Darlington County	SC	3250	2	48.0	Petroleum Liquids	DFO	GT
2020	3	3046	Duke Energy Progress - (NC)	Electric Utility	Darlington County	SC	3250	3	50.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	3	3046	Duke Energy Progress - (NC)	Electric Utility	Darlington County	SC	3250	4	48.0	Petroleum Liquids	DFO	GT
2020	3	3046	Duke Energy Progress - (NC)	Electric Utility	Darlington County	SC	3250	6	43.0	Petroleum Liquids	DFO	GT
2020	3	3046	Duke Energy Progress - (NC)	Electric Utility	Darlington County	SC	3250	7	47.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	3	3046	Duke Energy Progress - (NC)	Electric Utility	Darlington County	SC	3250	8	44.0	Petroleum Liquids	DFO	GT
2020	3	5860	Empire District Electric Co	Electric Utility	Asbury	MO	2076	1	198.0	Conventional Steam Coal	SUB	ST
2020	3	7049	General Electric Aircraft Engines	Industrial	General Electric Aircraft Engines	MA	10029	GEN5	8.5	Natural Gas Steam Turbine	NG	ST
2020	3	7049	General Electric Aircraft Engines	Industrial	General Electric Aircraft Engines	MA	10029	GEN6	8.5	Natural Gas Steam Turbine	NG	ST
2020	3	7049	General Electric Aircraft Engines	Industrial	General Electric Aircraft Engines	MA	10029	GEN7	6.8	Natural Gas Steam Turbine	NG	ST
2020	3	56046	High Plains Wind Power LLC	IPP	High Plains	TX	56834	1	10.0	Onshore Wind Turbine	WND	WT
2020	3	16668	Sabine Cogen LP	Electric CHP	Sabine Cogen	TX	55104	CTG1	33.1	Natural Gas Fired Combined Cycle	NG	CT
2020	3	16668	Sabine Cogen LP	Electric CHP	Sabine Cogen	TX	55104	CTG2	33.6	Natural Gas Fired Combined Cycle	NG	CT
2020	3	16668	Sabine Cogen LP	Electric CHP	Sabine Cogen	TX	55104	STG	20.0	Natural Gas Fired Combined Cycle	NG	CA
2020	3	22129	Somerset Operating Co LLC	IPP	Somerset Operating Co LLC	NY	6082	1	685.9	Conventional Steam Coal	BIT	ST
2020	3	2770	Terra-Gen Operating Co-Wind	IPP	Windland	CA	50386	WING	15.3	Onshore Wind Turbine	WND	WT
2020	4	6027	Entergy Nuclear Indian Point 2	IPP	Indian Point 2	NY	2497	2	1,016.1	Nuclear	NUC	ST
2020	4	55970	JHP Pharmaceuticals LLC	Industrial	Par Sterile Products	MI	50318	38-1	2.8	Natural Gas Fired Combustion Turbine	NG	GT
2020	5	57173	AC Landfill Energy LLC	IPP	AC Landfill Energy LLC	NJ	57845	UNIT1	1.5	Landfill Gas	LFG	IC
2020	5	57173	AC Landfill Energy LLC	IPP	AC Landfill Energy LLC	NJ	57845	UNIT2	1.8	Landfill Gas	LFG	IC
2020	5	57175	BC Landfill Energy LLC	IPP	BC Landfill Energy LLC	NJ	57847	UNIT1	1.4	Landfill Gas	LFG	IC
2020	5	57175	BC Landfill Energy LLC	IPP	BC Landfill Energy LLC	NJ	57847	UNIT2	1.4	Landfill Gas	LFG	IC
2020	5	57175	BC Landfill Energy LLC	IPP	BC Landfill Energy LLC	NJ	57847	UNIT3	1.4	Landfill Gas	LFG	IC
2020	5	57175	BC Landfill Energy LLC	IPP	BC Landfill Energy LLC	NJ	57847	UNIT4	1.4	Landfill Gas	LFG	IC
2020	5	57175	BC Landfill Energy LLC	IPP	BC Landfill Energy LLC	NJ	57847	UNIT5	1.4	Landfill Gas	LFG	IC
2020	5	14268	City of Owensboro - (KY)	Electric Utility	Elmer Smith	KY	1374	1	137.0	Conventional Steam Coal	BIT	ST
2020	5	14268	City of Owensboro - (KY)	Electric Utility	Elmer Smith	KY	1374	2	262.8	Conventional Steam Coal	BIT	ST
2020	5	59878	Clean Fuel Partners Dane	Electric CHP	Clean Fuel Dane Community Digester	WI	59559	GEN#1	1.0	Other Waste Biomass	OBG	IC
2020	5	59878	Clean Fuel Partners Dane	Electric CHP	Clean Fuel Dane Community Digester	WI	59559	GEN#2	1.0	Other Waste Biomass	OBG	IC
2020	5	6526	FirstEnergy Generation Corp	IPP	FirstEnergy W H Sammis	OH	2866	1	180.0	Conventional Steam Coal	BIT	ST
2020	5	6526	FirstEnergy Generation Corp	IPP	FirstEnergy W H Sammis	OH	2866	2	180.0	Conventional Steam Coal	BIT	ST
2020	5	6526	FirstEnergy Generation Corp	IPP	FirstEnergy W H Sammis	OH	2866	3	180.0	Conventional Steam Coal	BIT	ST
2020	5	6526	FirstEnergy Generation Corp	IPP	FirstEnergy W H Sammis	OH	2866	4	180.0	Conventional Steam Coal	BIT	ST
2020	5	15174	Freeport McMoran Oil & Gas	Industrial	Gaviota Oil Plant	CA	50623	GENA	3.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	5	15174	Freeport McMoran Oil & Gas	Industrial	Gaviota Oil Plant	CA	50623	GENB	3.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	5	15174	Freeport McMoran Oil & Gas	Industrial	Gaviota Oil Plant	CA	50623	GENC	3.0	Natural Gas Fired Combustion Turbine	NG	GT

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Table 6-4 Retired Utility Scale Generating Units by Operating Company, Plant, and Month, 2020

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
2020	5	15174	Freeport McMoran Oil & Gas	Industrial	Gavota Oil Plant	CA	50623	GEN0	3.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	5	9379	Intor-Powor/AhlCon Partners, L P	IPP	Clover Green Energy	PA	10143	COLV	110.0	Conventional Steam Coal	WC	ST
2020	5	57172	SC Landfill Energy LLC	IPP	SC Landfill Energy LLC	NJ	57843	GEN1	1.8	Landfill Gas	LFG	IC
2020	5	57174	SX Landfill Energy LLC	IPP	SX Landfill Energy LLC	NJ	57846	UNIT1	1.5	Landfill Gas	LFG	IC
2020	5	57174	SX Landfill Energy LLC	IPP	SX Landfill Energy LLC	NJ	57846	UNIT2	1.5	Landfill Gas	LFG	IC
2020	5	17698	Southwestern Electric Power Co	Electric Utility	Knox Lee	TX	3476	2	31.0	Natural Gas Steam Turbine	NG	ST
2020	5	17698	Southwestern Electric Power Co	Electric Utility	Knox Lee	TX	3476	3	25.0	Natural Gas Steam Turbine	NG	ST
2020	5	17698	Southwestern Electric Power Co	Electric Utility	Lieberman	LA	1417	2	26.0	Natural Gas Steam Turbine	NG	ST
2020	5	17698	Southwestern Electric Power Co	Electric Utility	Lone Star	TX	3477	1	50.0	Natural Gas Steam Turbine	NG	ST
2020	5	17897	St Mary's Hospital	Commercial	Saint Marys Hospital Power Plant	MN	54262	6	2.7	Natural Gas Internal Combustion Engine	NG	IC
2020	6	58620	AEP Generation Resources Inc	IPP	Conesville	OH	2840	4	780.0	Conventional Steam Coal	BIT	ST
2020	6	61351	APTIM Environmental & Infrastructure	IPP	Keystone Recovery	PA	54934	NO 1	0.7	Landfill Gas	LFG	IC
2020	6	61351	APTIM Environmental & Infrastructure	IPP	Keystone Recovery	PA	54934	NO 2	0.7	Landfill Gas	LFG	IC
2020	6	61351	APTIM Environmental & Infrastructure	IPP	Keystone Recovery	PA	54934	NO 3	0.7	Landfill Gas	LFG	IC
2020	6	61351	APTIM Environmental & Infrastructure	IPP	Keystone Recovery	PA	54934	NO 4	0.7	Landfill Gas	LFG	IC
2020	6	61351	APTIM Environmental & Infrastructure	IPP	Keystone Recovery	PA	54934	NO 5	0.7	Landfill Gas	LFG	IC
2020	6	61351	APTIM Environmental & Infrastructure	IPP	Keystone Recovery	PA	54934	NO 6	0.7	Landfill Gas	LFG	IC
2020	6	61351	APTIM Environmental & Infrastructure	IPP	Keystone Recovery	PA	54934	NO 7	0.7	Landfill Gas	LFG	IC
2020	6	7483	City of Grand Haven - (MI)	Electric Utility	Grand Haven Diesel Plant	MI	1826	1	8.4	Natural Gas Internal Combustion Engine	NG	IC
2020	6	7483	City of Grand Haven - (MI)	Electric Utility	J B Sims	MI	1825	3	69.1	Conventional Steam Coal	BIT	ST
2020	6	4161	Constellation Power Source Gen	IPP	Notch Cliff	MD	1555	GT11	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	6	4161	Constellation Power Source Gen	IPP	Notch Cliff	MD	1555	GT12	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	6	4161	Constellation Power Source Gen	IPP	Notch Cliff	MD	1555	GT3	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	6	4161	Constellation Power Source Gen	IPP	Notch Cliff	MD	1555	GT4	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	6	4161	Constellation Power Source Gen	IPP	Wesport	MD	1560	GT5	115.8	Natural Gas Fired Combustion Turbine	NG	GT
2020	6	6035	Exelon Power	IPP	Fairless Hills	PA	7701	A	30.0	Landfill Gas	LFG	ST
2020	6	6035	Exelon Power	IPP	Fairless Hills	PA	7701	B	30.0	Landfill Gas	LFG	ST
2020	6	60422	H A Wagner LLC	IPP	Herbert A Wagner	MD	1554	2	118.0	Conventional Steam Coal	RC	ST
2020	6	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	3	21.5	Natural Gas Fired Combustion Turbine	NG	GT
2020	6	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	4	14.3	Natural Gas Fired Combustion Turbine	NG	GT
2020	6	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	5	45.1	Natural Gas Fired Combustion Turbine	NG	GT
2020	6	20856	Wisconsin Power & Light Co	Electric Utility	Rock River	WI	4057	6	33.7	Natural Gas Fired Combustion Turbine	NG	GT
2020	6	20856	Wisconsin Power & Light Co	Electric Utility	Sheepskin	WI	4059	1	27.2	Natural Gas Fired Combustion Turbine	NG	GT
2020	7	13756	Northern Indiana Pub Serv Co	Electric Utility	Bailly	IN	995	10	31.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	7	20737	Willmar Municipal Utilities	Electric Utility	Willmar	MN	2022	3	16.8	Natural Gas Steam Turbine	NG	ST
2020	7	20737	Willmar Municipal Utilities	Electric Utility	Willmar	MN	2022	ST2	6.5	Natural Gas Steam Turbine	NG	ST
2020	8	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	2	173.0	Conventional Steam Coal	BIT	ST
2020	8	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	3	173.0	Conventional Steam Coal	BIT	ST
2020	8	12653	GenOn Mid-Atlantic LLC	IPP	Dickerson	MD	1572	ST1	173.0	Conventional Steam Coal	BIT	ST
2020	8	55269	NextEra Energy Duane Arnold LLC	IPP	Duane Arnold Energy Center	IA	1060	1	601.4	Nuclear	NUC	ST
2020	9	15474	Public Service Co of Oklahoma	Electric Utility	Oklahoma	TX	127	1	650.0	Conventional Steam Coal	SUB	ST

NOTES

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

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

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

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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)
2020	10	63691	2662 Freepoint Solar 1 LLC	IPP	2662 Freepoint Solar 1	IL	64058	FRE1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	2.0
2020	10	61012	AES Distributed Energy	IPP	East Brookfield Main Street Solar LLC	MA	63887	LBMS3	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.0
2020	10	61012	AES Distributed Energy	IPP	Finchville Solar LLC Hybrid	NY	63999	BESS	3.0	Batteries	MWH	BA	(TS) Construction complete but not yet in commercial operation	3.0
2020	10	61012	AES Distributed Energy	IPP	Finchville Solar LLC Hybrid	NY	62999	FINCH1	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	5.0
2020	10	61012	AES Distributed Energy	IPP	Greenwich Solar 1 LLC	NY	63411	RTE40	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	5.0
2020	10	61012	AES Distributed Energy	IPP	Midtown Solar 1 LLC Hybrid	NY	63415	BATT1	1.6	Batteries	MWH	BA	(U) Under construction less than or equal to 50 percent complete	1.6
2020	10	61012	AES Distributed Energy	IPP	Midtown Solar 1 LLC Hybrid	NY	63415	CENTR1	1.6	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.6
2020	10	61012	AES Distributed Energy	IPP	Ryan Road Solar LLC Hybrid	MA	63044	BESS	4.3	Batteries	MWH	BA	(V) Under construction more than 50 percent complete	4.3
2020	10	61012	AES Distributed Energy	IPP	Ryan Road Solar LLC Hybrid	MA	63044	ORCH1A	4.3	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	4.3
2020	10	61416	Acciona Energy USA Global LLC	IPP	Palmas Wind LLC	TX	61713	PW1	142.6	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	144.9
2020	10	62963	Avatar Wind LLC	IPP	Avatar Wind	TX	63299	AVTOR1	525.0	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	525.0
2020	10	59474	BQ Energy LLC	IPP	Mount Kisco Landfill Solar & Storage	NY	63774	KISCB	0.5	Batteries	MWH	BA	(TS) Construction complete but not yet in commercial operation	0.5
2020	10	59474	BQ Energy LLC	IPP	Mount Kisco Landfill Solar & Storage	NY	63774	KRS1	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	1.0
2020	10	59613	BayWa r.e. Solar Projects LLC	IPP	Fern Solar LLC	NC	62789	FERN1	100.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	100.0
2020	10	63206	Bighorn Solar LLC	IPP	Bighorn Solar	OR	63367	PGH16	2.2	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	2.2
2020	10	62772	CA CDE V LLC	IPP	Windsor Floating Solar	OR	62902	WUS15	1.5	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.5
2020	10	63415	CO Bullfinch Flats LLC	IPP	Rawhide Prairie Solar Hybrid	CO	63722	BA1	1.0	Batteries	MWH	BA	(V) Under construction more than 50 percent complete	1.0
2020	10	63415	CO Bullfinch Flats LLC	IPP	Rawhide Prairie Solar Hybrid	CO	63722	PV1	22.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	22.0
2020	10	63596	Clinton Solar 4 LLC	IPP	Clinton Solar 4 LLC	IL	63945	CLIN1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	2.0
2020	10	63260	Cobb Electric Membership Corporation	IPP	Solar BESS Hybrid	GA	63535	SOLAR	1.1	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.5
2020	10	63260	Cobb Electric Membership Corporation	IPP	Solar BESS Hybrid	GA	63535	TEST1	1.0	Batteries	MWH	BA	(U) Under construction less than or equal to 50 percent complete	1.0
2020	10	56789	Consolidated Edison Development Inc.	IPP	CLD Beecher Sun Solar	IL	63823	BES1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	2.0
2020	10	56789	Consolidated Edison Development Inc.	IPP	CLD Hilltop Solar	IL	63824	BES1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	2.0
2020	10	56789	Consolidated Edison Development Inc.	IPP	CLD Prairie Solar	IL	63656	PS1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	2.0
2020	10	62803	Cove Mountain Solar 2 LLC	IPP	Cove Mountain Solar 2	UT	62470	GEN01	122.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	122.0
2020	10	62803	Cove Mountain Solar LLC	IPP	Cove Mountain Solar	UT	62469	GEN01	58.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	58.0
2020	10	59550	Croda Inc.	Industrial	Croda Atlas Point CHP	DE	59783	91199	2.0	Landfill Gas	LFG	IC	(U) Under construction less than or equal to 50 percent complete	2.0
2020	10	60853	ET CAP OR HOLDINGS LLC	IPP	OR Solar 2 LLC	OR	61200	ORSR2	10.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	10.0
2020	10	59970	Expresim Inc.	IPP	HWY 158 PV	NC	63566	HW158	9.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	9.0
2020	10	59970	Expresim Inc.	IPP	Underwood HVZ	NC	62908	UNW03	16.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	16.0
2020	10	56201	Engie North America	IPP	King Plains Wind Project	OK	63104	WTG	248.2	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	248.2
2020	10	63301	Envs North America Management Partners LLC	IPP	Booklet II Wind Energy LLC	TX	63342	BKR1	162.1	Onshore Wind Turbine	WND	WT	(OT) Other	162.1
2020	10	62850	Forefront Power LLC	IPP	QCS Valley State Prison	CA	63947	579	2.3	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	2.3
2020	10	62850	Forefront Power LLC	IPP	Fresno Sunnyside High School Hybrid	CA	63422	1122	1.6	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.6
2020	10	62850	Forefront Power LLC	IPP	Fresno Sunnyside High School Hybrid	CA	63422	BA117	0.3	Batteries	MWH	BA	(U) Under construction less than or equal to 50 percent complete	0.3
2020	10	63548	GD Hopkinton Man 1 LLC	IPP	Moorehead School Solar	IL	63073	1817	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	2.0
2020	10	63548	GD Hopkinton Man 1 LLC	IPP	GD Hopkinton Man 1 LLC	RI	63893	MAN1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	2.0
2020	10	63548	GD Hopkinton Man 1 LLC	IPP	GD Hopkinton Man 1 LLC	RI	63893	MAN2	3.9	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	3.9
2020	10	63548	GD Hopkinton Man 1 LLC	IPP	GD Hopkinton Man 1 LLC	RI	63893	MAN3	4.1	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	4.1
2020	10	7140	Georgia Power Co	Electric Utility	Tech Square Microgrid	GA	63775	BESS1	0.2	Batteries	MWH	BA	(V) Under construction more than 50 percent complete	0.2
2020	10	7140	Georgia Power Co	Electric Utility	Tech Square Microgrid	GA	63775	DG1	0.6	Proteum Liquids	DFO	IC	(V) Under construction more than 50 percent complete	0.6
2020	10	7140	Georgia Power Co	Electric Utility	Tech Square Microgrid	GA	63775	FC1	0.2	Natural Gas	NG	IC	(V) Under construction more than 50 percent complete	0.2
2020	10	7140	Georgia Power Co	Electric Utility	Tech Square Microgrid	GA	63775	NCE1	0.2	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction more than 50 percent complete	0.2
2020	10	7140	Georgia Power Co	Electric Utility	Tech Square Microgrid	GA	63775	NCE2	0.2	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction more than 50 percent complete	0.2
2020	10	60025	Greenbacker Renewable Energy Corporation	IPP	101 Carnegie Center Solar LLC	NJ	64075	297	1.2	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.2
2020	10	63671	Greenspark Solar	IPP	Greenspark Solar	OR	64033	GS	1.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	1.3
2020	10	63679	Harrison Solar LLC	IPP	Harrison Solar LLC	NC	63975	HATS	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	5.0
2020	10	63626	Hayes Solar, LLC	IPP	Hayes Solar, LLC	NC	63974	HAYS3	3.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	3.0
2020	10	9234	Indiana Municipal Power Agency	Electric Utility	Centerville Solar Park	IN	62794	SCENT1	1.1	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	1.1
2020	10	9234	Indiana Municipal Power Agency	Electric Utility	Richmond Solar Park 4	IN	62791	SRIC4	7.1	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	7.1
2020	10	9234	Indiana Municipal Power Agency	Electric Utility	Scottsburg Solar Park	IN	62766	SCLOT	7.1	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	7.1
2020	10	48993	Inveney Services LLC	IPP	Harry Allen Solar Energy LLC	NV	63080	GEN1	118.8	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	118.8
2020	10	50685	JPMorgan Chase Bank	Commercial	South Campus Solar	DE	59927	G1789	1.6	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.6
2020	10	63244	KSH II Consolidated LLC	IPP	Fernside Rd Community Solar Farm	NY	62508	1420	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	3.0
2020	10	61219	Longwood Energy Services LLC	IPP	Cl Camps Wind	TX	62765	CAMP0	242.6	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	242.6
2020	10	63699	Lynum Garden LLC	IPP	Lynum Garden	IN	63937	CGS	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	1.0
2020	10	63001	MAN CSG 2 LLC	IPP	Woodbury Solar	MN	63231	PV	3.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	3.0
2020	10	62915	Madison Energy Holdings LLC	IPP	Beecher CSG 1, LLC	MN	63819	BE101	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	62915	Madison Energy Holdings LLC	IPP	ESIL PFCHCAGO 7, LLC	IL	63889	PF2CH	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	62915	Madison Energy Holdings LLC	IPP	Humeke CSG 1, LLC	MN	63890	11UN01	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	62915	Madison Energy Holdings LLC	IPP	RJC CSG LLC	MN	63816	RJC01	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	62915	Madison Energy Holdings LLC	IPP	Stevens Community Solar LLC	MN	63794	ST001	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	62915	Madison Energy Holdings LLC	IPP	Staten's Community Solar LLC	MN	63793	ST101	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	62915	Madison Energy Holdings LLC	IPP	Svehl Community Solar LLC	MN	63792	SV101	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	62915	Madison Energy Holdings LLC	IPP	T Lufman CSG	MN	64056	TLU01	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	62915	Madison Energy Holdings LLC	IPP	Tintumun Farmgrounds	MD	63004	FAIR1	1.9	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.9
2020	10	63607	Marion Garden LLC	IPP	Marion Garden	MN	63935	CGS	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	1.0
2020	10	63204	Moheo Solar Energy Center, LLC	IPP	Moheo Solar Energy Center, LLC	SC	63463	PGH14	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	5.0
2020	10	62736	Mountain Brezza Wind LLC	IPP	Mountain Brezza Wind LLC	CO	62860	MTBR2	1.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	175.0
2020	10	63411	NES Olympics	IPP	Wildcat Solar	NC	66287	PV1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	5.0
2020	10	63185	Neighborhood Power Corp	IPP	Dunn Road Solar	OR	63642	W9736	1.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	1.8
2020	10	62849	Novel Jewison Solar LLC CSG	IPP	Novel Jewison Solar CSG	MN	62984	JEW1	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	1.0
2020	10	62850	Novel Kanewischer Solar LLC CSG	IPP	Novel Kanewischer Solar CSG	MN	63986	KANE	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	1.0
2020	10	62866	Novel MNDO Solar LLC CSG	IPP	Novel MNDO Solar CSG	MN	63007	MND01	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete but not yet in commercial operation	1.0
2020	10	63202	Pika Solar, LLC	IPP	Pika Solar, LLC	OR	63462	PGH17	2.7	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	2.7
2020	10	61692	Plumtree Solar 1 LLC	IPP	Plumtree Solar 1	VA	62012	PUS01	76.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	75.0
2020	10	62716	Rattlesnake Flat, LLC	IPP	Rattlesnake	WA	62536	RA1	144.0	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	144.0
2020	10	63634	Red Toad 315 Venson Road LLC	IPP	315 Venson Road	NC	63979	VINSN	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	2.0
2020	10	63633	Red Toad Powertrain Phase 2 LLC	IPP	Powertrain Road Solar	NC	64035	POW1N	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	2.0
2020	10	63449	Renewable Properties LLC	IPP	Silvera Ranch Road Solar	CA	63762	SILVA	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	63449	Renewable Properties LLC	IPP	Silvera Ranch Road Solar	CA	63767	SILVB	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	63449	Renewable Properties LLC	IPP	Silvera Ranch Road Solar	CA	63767	SILVC	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	63449	Renewable Properties LLC	IPP	Silvera Ranch Road Solar	CA	63767	SILVD	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	63449	Renewable Properties LLC	IPP	Silvera Ranch Road Solar	CA	63767	SILVE	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	10	63449	Renewable Properties LLC	IPP	Silvera Ranch Road Solar	CA	63767	SILVF	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0

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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)
2020	10	63660	Route 76 Boone Solar 1 LLC	IPP	Route 76 Boone Solar 1	IL	64018	7724	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	10	16534	Sacramento Municipal Util Dist	Electric Utility	White Rock/Star Creek	CA	485	112	2.7	Conventional Hydroelectric	WAT	HY	(TS) Construction complete, but not yet in commercial operation	2.7
2020	10	16657	San Jose/Santa Clara Water P.C.	Commercial	SJ/SJC WPCP	CA	56000	EG4	3.5	Other Waste Biomass	ORG	IC	(TS) Construction complete, but not yet in commercial operation	3.5
2020	10	16657	San Jose/Santa Clara Water P.C.	Commercial	SJ/SJC WPCP	CA	56000	EG5	3.5	Other Waste Biomass	ORG	IC	(TS) Construction complete, but not yet in commercial operation	3.5
2020	10	16657	San Jose/Santa Clara Water P.C.	Commercial	SJ/SJC WPCP	CA	56000	EG7	3.5	Other Waste Biomass	ORG	IC	(TS) Construction complete, but not yet in commercial operation	3.5
2020	10	63374	Sanford Airport Solar LLC	IPP	Sanford Solar	ME	63667	SAS	49.4	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	49.4
2020	10	63522	Santa Ana Storage 1	IPP	Johanna Energy Center LLC	CA	63843	SASPA1	20.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	20.0
2020	10	63610	Sevenson Halls LLC	IPP	Sevenson Garden	MN	63914	CS3	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2020	10	60038	Silicon Valley Clean Water	Electric CHP	Silicon Valley Clean Water	CA	60249	BE5	1.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	1.0
2020	10	61677	Sol Systems	IPP	ESA Bures Creek LLC	NC	63732	11630	2.8	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.8
2020	10	61677	Sol Systems	IPP	Eros Solar LLC	NC	63733	11631	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2020	10	63664	Somoniak Road Solar 1 LLC	IPP	Somoniak Road Solar 1	IL	64013	6444	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	10	17650	Southern Power Co	IPP	Shookmuck Wind Facility	WA	63205	1	136.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	136.0
2020	10	60531	Standard Solar	IPP	Town of Burnville Solar	RI	62889	X043	4.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.2
2020	10	60531	Standard Solar	IPP	USS All in Solar LLC CSG	MN	63160	ALUN	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	10	60531	Standard Solar	IPP	USS Chance Solar LLC	MN	63171	CHAO1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	10	60531	Standard Solar	IPP	USS Horne North Solar LLC CSG	MN	63154	HORNN	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	10	60531	Standard Solar	IPP	USS Horne South Solar LLC CSG	MN	63155	HORNS	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	10	60531	Standard Solar	IPP	USS JJ City Solar LLC CSG	MN	63156	JJC1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	10	60531	Standard Solar	IPP	USS Solar Sources LLC CSG	MN	63151	SOURC	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	10	60531	Standard Solar	IPP	USS Verde Solar LLC CSG	MN	63157	VERDE	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	10	63670	SulusSolar25	IPP	SulusSolar25	OR	64034	S525	2.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.5
2020	10	63656	SulusSolar28	IPP	SulusSolar28	OR	64007	S528	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2020	10	62044	TG High Frame Wind LLC	IPP	High Frame Wind Farm	MO	62562	HPWF	400.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	400.0
2020	10	61534	Techren Solar III LLC	IPP	Techren Solar III LLC	NV	61931	TEC13	25.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	25.0
2020	10	61535	Techren Solar IV LLC	IPP	Techren Solar IV LLC	NV	61932	TEC14	25.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	25.0
2020	10	61890	Tenanta Hobbs 2 Power Partners LLC	IPP	Nobles 2 Wind Project	WV	62364	WT1	250.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	250.0
2020	10	63623	Thor Solar 1 CET LLC	IPP	SSD Clockmakers 1 LLC	OR	63961	1	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2020	10	63623	Thor Solar 1 CET LLC	IPP	SSD Clockmakers 4 LLC	OR	63962	1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	10	63623	Thor Solar 1 CET LLC	IPP	SSD Clockmakers 7 LLC	OR	63963	1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	10	63623	Thor Solar 1 CET LLC	IPP	SSD Marion 1 LLC	OR	63964	1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	10	63623	Thor Solar 1 CET LLC	IPP	SSD Marion 3 LLC	OR	63958	1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	10	63623	Thor Solar 1 CET LLC	IPP	SSD Marion 5 LLC	OR	63959	1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	10	63623	Thor Solar 1 CET LLC	IPP	SSD Marion 7 LLC	OR	63960	1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	10	62954	USSI Bush Solar LLC	IPP	USSI Bush Solar LLC CSG	MN	63146	BUSH	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	10	61980	Valta Energy	IPP	Mukto FT1 One	HI	58662	3501	3.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	3.5
2020	10	58106	Western Michigan University	Commercial	Western Michigan University Power Plant	MI	58101	EG 10	2.5	Natural Gas Internal Combustion Engine	NG	IC	(TS) Construction complete, but not yet in commercial operation	2.5
2020	10	58106	Western Michigan University	Commercial	Western Michigan University Power Plant	MI	58101	EG 9	2.5	Natural Gas Internal Combustion Engine	NG	IC	(TS) Construction complete, but not yet in commercial operation	2.5
2020	10	62658	Wheatridge Wind Energy LLC	IPP	Wheatridge 1	OR	64057	WND1	100.0	Onshore Wind Turbine	WND	WT	(U) Regulatory approvals pending, Not under construction	100.0
2020	10	62658	Wheatridge Wind Energy LLC	IPP	Wheatridge Hybrid	OR	62745	WND2	300.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	300.0
2020	10	60148	White Sunset Renewables LLC	IPP	White Sunset Renewables	NC	62594	WSR1	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2020	10	63692	Whitridge Solar 1 LLC	IPP	Whitridge Solar 1	IL	64059	WS1D1	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	10	20856	Wisconsin Power & Light Co	Electric Utility	Rossini	IA	62103	1	152.2	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	152.2
2020	11	63680	ACM Solar LLC	IPP	Apple Canyon Lake Solar	IL	64040	1	1.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.2
2020	11	61012	AES Distributed Energy	IPP	Alcoa Solar Project Hybrid	MA	63469	ALICA	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	61012	AES Distributed Energy	IPP	Alcoa Solar Project Hybrid	MA	63469	BAT1	1.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	1.0
2020	11	61012	AES Distributed Energy	IPP	Alcoa Solar Project Hybrid	MA	63474	ANES	4.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.0
2020	11	61012	AES Distributed Energy	IPP	Alcoa Solar Project Hybrid	MA	63474	BAT1	3.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	3.0
2020	11	61012	AES Distributed Energy	IPP	Lane Ave Solar LLC	MA	63041	HANNA	1.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.5
2020	11	61012	AES Distributed Energy	IPP	W. Orange Rd Solar LLC	MA	63047	HEYES	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2020	11	61012	AES Distributed Energy	IPP	West A&B Solar Project Hybrid	MA	63473	BAT1	1.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	1.0
2020	11	61012	AES Distributed Energy	IPP	West A&B Solar Project Hybrid	MA	63473	WES1	2.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.5
2020	11	62747	Acorn 1 Energy Storage LLC	IPP	Acorn 1 Energy Storage LLC	CA	62874	ACOR1	2.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	11	61662	Amadeus Wind LLC	IPP	Amadeus Wind Farm	TX	67142	AM TX	250.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	250.0
2020	11	61949	Assembly Solar 1 LLC	IPP	Assembly Solar Project	MI	67472	ASPP1	50.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2020	11	63479	Augusta Solar LLC	IPP	Augusta Solar	SC	63720	PGR23	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	63407	Butler Solar LLC	IPP	Butler Solar LLC	OR	63694	13501	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2020	11	63711	CatanSolar	IPP	CatanSolar	TX	64079	CS	10.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	10.0
2020	11	62881	Chambers Road Solar LLC	IPP	Chambers Road Solar	NY	67860	263	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2020	11	66069	Clean Focus Renewables, Inc.	IPP	Rugged Solar LLC	CA	57960	1	80.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	80.0
2020	11	4180	Connecticut Main Elec Enrgy Coop	Electric Utility	Subsea Microgrid Project	CT	59101	SF C1	3.0	Other Natural Gas	NG	FC	(U) Under construction, less than or equal to 50 percent complete	3.0
2020	11	4180	Connecticut Main Elec Enrgy Coop	Electric Utility	Subsea Microgrid Project	CT	59101	SF C2	3.0	Other Natural Gas	NG	FC	(U) Under construction, less than or equal to 50 percent complete	3.0
2020	11	56769	Consolidated Edison Development Inc.	IPP	CLD Northampton Solar LLC Hybrid	MA	62605	NLSL	2.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.0
2020	11	56769	Consolidated Edison Development Inc.	IPP	CLD Spring Creek Solar	IL	63948	CS1	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	11	56769	Consolidated Edison Development Inc.	IPP	Water Sinder Solar	VA	63549	WSS	80.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	80.0
2020	11	63511	Constellation Solar Illinois 2 LLC	IPP	Charter Durbor at Woodstock	IL	63967	CD81	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	63511	Constellation Solar Illinois 2 LLC	IPP	Charter Durbor at Woodstock	IL	63967	CD82	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	63511	Constellation Solar Illinois 2 LLC	IPP	Conway Foods at St. Elmo	IL	63939	CS1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	11	63511	Constellation Solar Illinois 2 LLC	IPP	The CSI Group LLC at Assumption	IL	63938	CS1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	63613	Corland Solar 2 LLC	IPP	Corland	MA	63949	COR12	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	63064	Crowned Ridge Wind II LLC	IPP	Crowned Ridge Wind II Energy Center	SD	63769	CRW2	200.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	200.0
2020	11	5109	DTE Electric Company	Electric Utility	Farbanks Wind Park	MI	63600	1	72.5	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	72.5
2020	11	5109	DTE Electric Company	Electric Utility	Rebello Wind Park	MI	63601	1	38.5	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	38.5
2020	11	52460	Domestic Renewable Energy	Electric Utility	Spring Grove 1	VA	61986	SGS1	97.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	97.5
2020	11	15470	Domestic Renewable Energy	Electric Utility	Noble Battery Energy Storage System	IN	62862	ES1	5.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	5.0
2020	11	67852	ESA Hamlet INC LLC	IPP	ESA Hamlet INC LLC	NC	63377	PGRI0	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2020	11	56701	Engie North America	IPP	Phare Hill Wind Project	TX	63100	WTG	300.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	300.0
2020	11	56201	Engie North America	IPP	Triple H Wind Project	SD	63103	WTG	250.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	250.0
2020	11	62850	Forefront Power LLC	IPP	DGS Central California Womons Facility	CA	63419	1122	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	11	62856	Forefront Power LLC	IPP	UC Santa Cruz Solar	CA	63091	246	2.2	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.2
2020	11	6541	Formosa Plastics Corp	Industrial	Formosa Utility Venture Ltd	TX	10524	3FCC2	9.0	Natural Gas Fired Combined Cycle	NG	CC	(TS) Construction complete, but not yet in commercial operation	10.0
2020	11	63405	Freight Line Solar LLC	IPP	Freight Line Solar LLC	IN	63603	11503	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	11	67159	Genomic Energy	IPP	Altium Company Solar Garden LLC	MN	63304	ALUM	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0

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Table 8.5 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)
2020	11	62759	Geosimo Energy	IPP	Coral Bells Solar LLC	MD	63313	CORAL	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	11	62759	Geosimo Energy	IPP	Granatum Solar, LLC	MD	63317	GLRMM	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	62759	Geosimo Energy	IPP	Hemphill Solar LLC	MD	63359	HIGBY	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	62759	Geosimo Energy	IPP	Hyacinth Solar LLC	MD	63312	HYGIN	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	62759	Geosimo Energy	IPP	Iris Solar LLC (MN)	MD	63319	IRIS	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	62759	Geosimo Energy	IPP	Kerria Solar, LLC	MD	63315	KLRIA	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	62759	Geosimo Energy	IPP	Lantana Solar LLC	MD	63311	LANTA	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	11	62759	Geosimo Energy	IPP	Margold Community Solar Garden LLC	MD	63308	MGLD	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	11	62759	Geosimo Energy	IPP	Wiegand Community Solar LLC	MD	63307	WESIP	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	60025	Greenbacker Renewable Energy Corporation	IPP	Renew Solar ABC Sacramento LLC	CA	62545	SACRA	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2020	11	60025	Greenbacker Renewable Energy Corporation	IPP	Solar Hagerstown	MD	62912	137	7.5	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	10.0
2020	11	60222	Hadsa Energy, Inc.	Electric Utility	Hidango Hydro	AK	59037	GEN1	5.0	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	5.0
2020	11	62879	Hickory Grove #1 LLC	IPP	Hickory Grove #1	NY	62831	75	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	11	62880	Hickory Grove #2	IPP	Hickory Grove #2	NY	62832	309	1.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.7
2020	11	62046	High Lonsome Wind Power LLC	IPP	High Lonsome Wind Power LLC	TX	62562	HLO	449.5	Onshore Wind Turbine	WIND	WT	(TS) Construction complete, but not yet in commercial operation	449.5
2020	11	63406	High Lonsome Wind Power, LLC	IPP	High Lonsome Wind Power, LLC	TX	63462	HLO2	50.0	Onshore Wind Turbine	WIND	WT	(TS) Construction complete, but not yet in commercial operation	50.0
2020	11	63408	Holly Swamp Solar LLC	IPP	Holly Swamp Solar LLC	NC	63505	13502	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2020	11	62134	Hunter Solar LLC	IPP	Hunter Solar LLC	UT	67656	HUSOL	100.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	100.0
2020	11	49893	Invernergy 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
2020	11	49893	Invernergy Services LLC	IPP	Lockwood Solar	NV	62934	GEN1	190.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	190.0
2020	11	49893	Invernergy Services LLC	IPP	Milican Solar Energy LLC	OR	63050	GEN1	71.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	71.4
2020	11	59195	Lundale Energy Systems	IPP	Zimmerman Energy	IN	64925	ZLCA	1.4	Landfill Gas	LFG	IC	(TS) Construction complete, but not yet in commercial operation	1.4
2020	11	63616	Lova Solar 1 LLC	IPP	Lova Solar 1 LLC	IL	63951	LEMA	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	61210	Longood Energy Services LLC	IPP	Weaver Wind	ME	63132	WCAVR	72.6	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	72.6
2020	11	63394	MSAP 13 LLC	IPP	MSAP 13 LLC	NY	63675	TROYL	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	62915	Madison Energy Holdings LLC	IPP	Hinterland CSG LLC	MD	63817	HIND1	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	62915	Madison Energy Holdings LLC	IPP	Hunke CSG 2, LLC	MD	63821	HUN2	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	63617	Mendota US Solar 1 LLC	IPP	Mendota	IL	63954	MEND5	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	63440	Mendota Solar 1 (NLS)	IPP	Mendota Solar 1	UT	63812	MEN1	99.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	99.0
2020	11	63206	Mentia Solar LLC	IPP	Mentia Solar	OR	63465	PGR26	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	58718	Ng Pua Makani Power Partners LLC	IPP	Ng Pua Makani Wind Project	HI	58837	WT1	27.6	Onshore Wind Turbine	WIND	WT	(TS) Construction complete, but not yet in commercial operation	27.6
2020	11	63185	Neighborhood Power Corp	IPP	Neighborhood Power Corp	OR	63603	W0063	2.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.5
2020	11	63185	Neighborhood Power Corp	IPP	Williams Acres Solar	OR	63604	W0065	2.5	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.5
2020	11	67869	Novel Benedix Solar LLC CSG	IPP	Novel Benedix Solar CSG	MD	63010	BNDX	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2020	11	63043	Novel Debra Solar LLC	IPP	Novel Debra Solar LLC CSG	MD	63247	DEBRA	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2020	11	62846	Novel Schmitt Farms Solar LLC CSG	IPP	Novel Schmitt Farms Solar CSG	MD	62882	SCFMA	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2020	11	63031	Novel Wayne Solar LLC	IPP	Novel Wayne Solar LLC CSG	MD	63219	WAYNE	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2020	11	62758	Orchard Windfarm, LLC	IPP	Orchard Windfarm 1, LLC	OR	62935	OGHW	40.0	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	40.0
2020	11	63331	Organic Energy Solutions Inc.	Electric CHP	OES Biogas Power	CA	63622	OES01	1.3	Other Waste Biomass	OBG	IC	(V) Under construction, more than 50 percent complete	1.3
2020	11	63331	Organic Energy Solutions Inc.	Electric CHP	OES Biogas Power	CA	63622	OES02	1.3	Other Waste Biomass	OBG	IC	(V) Under construction, more than 50 percent complete	1.3
2020	11	14232	Otter Tail Power Co	Electric Utility	Marquette Wind Energy Center	MD	67048	1	150.0	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	150.0
2020	11	63405	PG Solar, LLC	IPP	PG Solar LLC	NC	63692	13504	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2020	11	14354	PacificCorp	Electric Utility	Flats Flats	WY	62591	1	250.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	250.0
2020	11	14354	PacificCorp	Electric Utility	Flats Flats	WY	62591	1	503.3	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	503.3
2020	11	63299	Ponderosa Wind LLC	IPP	Ponderosa Wind Energy Center	OK	63590	PONDE	200.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2020	11	66215	RWE Renewables Americas LLC	IPP	Gravel Wind Farm LLC	TX	62416	WT1	220.0	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	220.0
2020	11	63141	Rancho Seco Solar II LLC	IPP	Rancho Seco Solar II LLC	CA	63387	RSS2	160.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	160.0
2020	11	63449	Renewable Properties LLC	IPP	Balenger Road Solar A	SC	63759	BALGR	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	11	63449	Renewable Properties LLC	IPP	White Horse Solar A	SC	63760	WHWSA	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	63676	Ridge Farm Solar 1 LLC	IPP	Ridge Farm	IL	63952	RIDGE	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	62113	Sage Draw Wind LLC	IPP	Sage Draw Wind	TX	62620	SD	338.4	Onshore Wind Turbine	WIND	WT	(TS) Construction complete, but not yet in commercial operation	338.4
2020	11	63608	Silver Lake Garden LLC	IPP	Silver Lake Garden	MD	63936	CS5	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	61677	Sol Systems	IPP	Buttercup Solar LLC	NC	64002	11629	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2020	11	62844	Spring Hope Solar 3, LLC	IPP	Spring Hope Solar 3, LLC	NC	62997	PGR09	4.9	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.9
2020	11	60531	Standard Solar	IPP	USS KVPV Solar LLC	MD	63169	KVPV	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	11	60531	Standard Solar	IPP	USS Steamboat Solar LLC CSG	MD	63221	STMB1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	11	60568	Sugar Creek Wind One LLC	IPP	Sugar Creek Wind One LLC	IL	68954	SUG1	202.0	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	202.0
2020	11	63688	SulusSolar29	IPP	SulusSolar29	OR	64048	SS29	2.6	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.6
2020	11	62821	SyncoPha Northampton LLC	IPP	SyncoPha Northampton Hybrid	MA	62976	SYNOB	2.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	11	62821	SyncoPha Northampton LLC	IPP	SyncoPha Northampton Hybrid	MA	62976	SYNOB	3.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.6
2020	11	63623	Tier Solar 1 CCI LLC	IPP	Danielle Farm LLC	VA	63965	1	12.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	12.0
2020	11	63602	Titan Solar 1 (CA)	IPP	Titan Solar 1 (CA)	CA	63382	TIH1	70.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	70.0
2020	11	62954	USS Hancock Solar	IPP	USS Hancock Solar LLC CSG	MD	63107	HNCCK	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	62954	USS Phosant Solar LLC	IPP	USS Phosant Solar LLC	MD	63108	PHSNT	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2020	11	63587	Vernon Solar 1 LLC	IPP	Vernon Solar 1 LLC	IL	63946	VERM	2.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	2.0
2020	11	63490	Williamsville Road LLC	IPP	Williamsville Hybrid	MA	63805	WBESS	3.3	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	3.3
2020	11	63490	Williamsville Road LLC	IPP	Williamsville Hybrid	MA	63805	WIL	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2020	11	20868	Wisconsin Public Service Corp	Electric Utility	Two Creeks Solar	WI	63105	1	150.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	150.0
2020	12	62981	Wings Solar No. LLC	IPP	Wings Solar No. LLC (East)	RI	62781	0051	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2020	12	63186	1001 Ebenezer Church Solar	IPP	1001 Ebenezer Church Solar	NC	63444	1001	6.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	6.0
2020	12	63192	1006 Matthews Solar LLC	IPP	1006 Matthews Solar	NC	63447	1006	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
2020	12	63190	1009 Yaden Solar, LLC	IPP	1009 Yaden Solar	NC	63445	1009	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
2020	12	63193	1045 Tomlin Mill Solar LLC	IPP	1045 Tomlin Mill Solar	NC	63448	1045	4.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.9
2020	12	63191	1073 Onslow Solar LLC	IPP	1073 Onslow Solar	NC	63446	1073	4.7	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	4.7
2020	12	62067	TX Energy, Inc.	IPP	Hygate Energy Project LLC	TX	67483	PV1	255.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	255.0
2020	12	61012	AES Disbursed Energy	IPP	Amaterdus LLC	MA	64008	BESS	3.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	3.0
2020	12	61012	AES Disbursed Energy	IPP	Amaterdus LLC	MA	64008	BESS	4.6	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.6
2020	12	61012	AES Disbursed Energy	IPP	Blackhorse Farm Solar LLC	RI	63944	BF1F	3.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	3.8
2020	12	61012	AES Disbursed Energy	IPP	Patridge Hill Solar Hybrid	MA	62964	PART3	2.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	2.0
2020	12	61012	AES Disbursed Energy	IPP	Randall Solar Project Hybrid	MA	63475	BATT1	3.3	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	3.3
2020	12	61012	AES Disbursed Energy	IPP	Randall Solar Project Hybrid	MA	63475	RAND	5.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	5.0
2020	12	62627	Artemy Renewable Energy	IPP	Tenleys Creek Solar LLC	VA	63077	VATIC	13.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	13.8
2020	12	59498	Altoa Clean Energy	IPP	Diamond Spring LLC	OK	63377	WIND	30.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, more than 50 percent complete	30.0
2020	12	60281	Altus Power America Management LLC	IPP	F&S Sun 21	MD	63577	F&S21	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0

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

Year	Month	Entity ID	Entity Name	Plant Type	Plant Producer	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2020	12	60281	Allus Power America Management LLC	IPP	FertSun4	FertSun4	MN	63576	FS4	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	12	60281	Allus Power America Management LLC	IPP	FertSun12	FertSun12	MN	63596	FS12	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	1.0
2020	12	62118	Antelope Expansion 3A LLC	IPP	Antelope Expansion 3A	Antelope Expansion 3A	CA	62873	ANX3A	15.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending Not under construction	15.0
2020	12	62118	Antelope Expansion 3B LLC	IPP	Antelope Expansion 3B	Antelope Expansion 3B	CA	62674	ANX3B	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending Not under construction	5.0
2020	12	63021	Aurora Wind Project, LLC	IPP	Aurora Wind Project	Aurora Wind Project	ND	63258	AURWP	298.8	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	298.8
2020	12	15399	Avangrid Renewables LLC	IPP	LA Jolla NM	LA Jolla NM	NM	61044	LAJ7	141.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	141.1
2020	12	15399	Avangrid Renewables LLC	IPP	LA Jolla NM	LA Jolla NM	NM	61044	W11	306.2	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	306.2
2020	12	15399	Avangrid Renewables LLC	IPP	Tanaka Ridge	Tanaka Ridge	SD	61046	WT1	154.0	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	154.0
2020	12	60368	BRE NC Solar 4 LLC	IPP	BRE NC Solar 4	BRE NC Solar 4	NC	60628	BEAM4	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending Not under construction	5.0
2020	12	63602	Brick Creek Development LLC	IPP	Cash Solar	Cash Solar	NC	60718	PV1	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	5.0
2020	12	56771	Black Hills Service Company LLC	Electric Utility	Corralito Wind Energy	Corralito Wind Energy	WY	63416	WTG	52.0	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	52.5
2020	12	63116	Bluebell Solar II LLC	IPP	Bluebell Solar II	Bluebell Solar II	TX	63351	BBSP2	115.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	115.0
2020	12	59845	Blythe Solar IV LLC	IPP	Blythe Solar IV LLC	Blythe Solar IV LLC	CA	60095	BLSA4	68.7	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	68.7
2020	12	59845	Blythe Solar IV LLC	IPP	Blythe Solar IV LLC	Blythe Solar IV LLC	CA	60095	BLSA6	68.7	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	68.7
2020	12	60816	Boston Medical Center CHP Plant	Commercial	Boston Medical Center	Boston Medical Center CHP Plant	MA	61186	BAT1	1.0	Batteries	MWH	BA	(U) Under construction less than or equal to 50 percent complete	1.0
2020	12	2263	Bristol Myers Squibb Co	IPP	Bristol Myers Squibb Lawrenceville	Bristol Myers Squibb Lawrenceville	NJ	58947	IG102	5.0	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction more than 50 percent complete	5.4
2020	12	63554	BristolSolar	IPP	BristolSolar	BristolSolar	OR	64009	BS	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	3.0
2020	12	62995	Broad Mountain Power LLC	IPP	Broad Mountain Wind Project	Broad Mountain Wind Project	PA	63210	BROAD	80.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	80.0
2020	12	62718	Broad River Solar LLC	IPP	Broad River Solar, LLC	Broad River Solar, LLC	NC	62822	GEN1	50.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	50.0
2020	12	63295	Brookline CSG1 LLC	IPP	Brookline CSG1, LLC	Brookline CSG1, LLC	MN	63593	SC	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.0
2020	12	63296	Buffalo Lake CSG1 LLC	IPP	Buffalo Lake CSG1, LLC	Buffalo Lake CSG1, LLC	MN	63594	SC	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.0
2020	12	60714	Burke Wind LLC	IPP	Burke Wind LLC	Burke Wind LLC	ND	61100	GE23	199.4	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received Not under construction	199.4
2020	12	63623	CCSR Solar, LLC	IPP	CCSR Solar	CCSR Solar	ND	63971	CCS	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.0
2020	12	63663	California PV Energy 3, LLC	IPP	San Diego EMOF at San Diego	San Diego EMOF at San Diego	CA	64028	EMOF	2.9	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	2.9
2020	12	63667	California PV Energy 3, LLC	IPP	San Diego NCRG at Vista	San Diego NCRG at Vista	CA	64049	NCRG	1.9	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.8
2020	12	63627	Cardinal Solar LLC	IPP	Cardinal Solar LLC	Cardinal Solar LLC	SC	63973	CARD	7.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	7.0
2020	12	63381	Carlson Community Solar	IPP	Carlson Community (CSG)	Carlson Community (CSG)	MN	63683	CRLSN	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	12	62872	Carolina Lily Solar, LLC	IPP	Carolina Lily Solar	Carolina Lily Solar	NC	63016	1096	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending Not under construction	5.0
2020	12	63581	Cedar Springs Transmission LLC	IPP	Cedar Springs II	Cedar Springs II	WY	63915	82634	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	200.0
2020	12	63587	Cedar Springs Wind III, LLC	IPP	Cedar Springs III	Cedar Springs III	WY	63916	82635	133.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	133.0
2020	12	63580	Cedar Springs Wind, LLC	IPP	Cedar Springs I	Cedar Springs I	WY	63914	82633	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	200.0
2020	12	63495	Centerfield Cooper Solar, LLC	IPP	Centerfield Cooper Solar, LLC	Centerfield Cooper Solar, LLC	SC	63810	PGF42	75.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	75.0
2020	12	63006	Central 40 LLC	IPP	Central 40	Central 40	CA	63040	CEN40	40.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	40.0
2020	12	1515	City of Bellevue - (BA)	Electric Utility	Bellevue	Bellevue	WA	1126	1A	1.7	Petroleum Liquids	OFC	IC	(V) Under construction more than 50 percent complete	1.6
2020	12	61817	Colford Holdings Solar	IPP	Colford Holdings Solar	Colford Holdings Solar	NC	62317	PV	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending Not under construction	10.0
2020	12	62783	Concho Hill LLC	IPP	Concho Hill	Concho Hill	TX	62804	GRCA1	255.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	255.0
2020	12	4276	Consolidated Edison Co NY Inc	Electric Utility	98th Street Battery Storage Station	98th Street Battery Storage Station	NY	62819	ESS58	1.0	Batteries	MWH	BA	(V) Under construction more than 50 percent complete	2.0
2020	12	56769	Consolidated Edison Development Inc.	IPP	Red Lake Falls Community Hybrid	Red Lake Falls Community Hybrid	MN	63689	RLFS	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.0
2020	12	56769	Consolidated Edison Development Inc.	IPP	Red Lake Falls Community Hybrid	Red Lake Falls Community Hybrid	MN	63689	RLFW	4.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	4.0
2020	12	57365	Consolidated Edison Solutions Inc.	IPP	CES Marketown Solar	CES Marketown Solar	NY	63729	MT1	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	3.0
2020	12	4254	Consumers Energy Co	Electric Utility	Greenside Wind Park	Greenside Wind Park	MI	63666	GFWP	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	150.0
2020	12	4254	Consumers Energy Co	Electric Utility	Grizel Farms Wind Project	Grizel Farms Wind Project	MI	63687	CWP	150.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	150.0
2020	12	63460	Cornelia 2 Community Solar LLC	IPP	Cornelia 2 Community (CSG)	Cornelia 2 Community (CSG)	MN	63889	COR02	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.0
2020	12	61060	Cypress Creek Renewables	IPP	Jester Solar	Jester Solar	NC	60250	PV1	4.9	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	4.9
2020	12	61610	Delaware River Solar, LLC	IPP	Big Tree Community Solar Farm	Big Tree Community Solar Farm	NY	62476	607	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	2.0
2020	12	61610	Delaware River Solar, LLC	IPP	Route 22 Community Solar Farm	Route 22 Community Solar Farm	NY	62524	1444	3.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	3.7
2020	12	61708	Desert Harvest LLC	IPP	Desert Harvest LLC	Desert Harvest LLC	CA	62177	DH001	150.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	150.0
2020	12	3248	Dominion Energy Inc	Electric Utility	Greensville Solar	Greensville Solar	VA	63745	GV50	80.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	80.0
2020	12	3248	Dominion Energy Inc	Electric Utility	Saddle Solar	Saddle Solar	VA	62814	SADL	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	100.0
2020	12	5416	Duke Energy Carolinas LLC	Electric Utility	Gaston Solar Power Plant	Gaston Solar Power Plant	NC	63669	PV1	25.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	25.0
2020	12	54802	Dynegy Moss Landing LLC	IPP	Dynegy Moss Landing Power Plant Hybrid	Dynegy Moss Landing Power Plant Hybrid	CA	260	BAT1	300.0	Batteries	MWH	BA	(V) Under construction more than 50 percent complete	300.0
2020	12	57170	EDF Renewable Asset Holdings Inc	IPP	Coyote Wind LLC	Coyote Wind LLC	TX	63656	COY	242.5	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	242.5
2020	12	61785	EDP Renewables North America LLC	IPP	Crossing Trails Wind Farm	Crossing Trails Wind Farm	CO	62480	GFR1	104.0	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	104.0
2020	12	61785	EDP Renewables North America LLC	IPP	Headwaters Wind Farm II LLC	Headwaters Wind Farm II LLC	IN	62592	HWII	200.0	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	200.0
2020	12	61420	ENGIE Storage Services NA LLC	Commercial	San Diego International Airport BESS	San Diego International Airport BESS	CA	62754	BA	2.0	Batteries	MWH	BA	(U) Under construction less than or equal to 50 percent complete	2.0
2020	12	60786	East Line Solar, LLC	IPP	East Line Solar	East Line Solar	AZ	62899	EAS1L	100.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	100.0
2020	12	58970	Ecoplexus, Inc	IPP	Boyley PV1	Boyley PV1	NC	60996	BOYK	16.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	16.0
2020	12	58970	Ecoplexus, Inc	IPP	Camp San Luis Obispo	Camp San Luis Obispo	CA	63870	CPSLD	1.2	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	1.2
2020	12	58970	Ecoplexus, Inc	IPP	E Nash PV1	E Nash PV1	NC	60002	NASH1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending Not under construction	20.0
2020	12	58970	Ecoplexus, Inc	IPP	Kern Valley SP	Kern Valley SP	CA	63875	KRVNL	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	3.0
2020	12	63567	Edwardsville Solar II LLC	IPP	Edwardsville Solar II	Edwardsville Solar II	IL	64016	6777	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	2.0
2020	12	63737	Emerald Hills Holding I, LLC	IPP	Depot Solar Center LLC	Depot Solar Center LLC	VA	61891	DEPO1	15.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	15.0
2020	12	5860	Empire District Electric Co	Electric Utility	Kings Point Wind Energy Center	Kings Point Wind Energy Center	MO	62475	KPW1	149.0	Onshore Wind Turbine	WND	WT	(U) Under construction more than 50 percent complete	149.4
2020	12	5860	Empire District Electric Co	Electric Utility	Neotoma Ridge Wind Energy Center	Neotoma Ridge Wind Energy Center	KS	62481	NRW1	301.0	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	301.0
2020	12	5860	Empire District Electric Co	Electric Utility	North Fork Ridge Wind Energy Center	North Fork Ridge Wind Energy Center	MO	62478	NFRW1	149.4	Onshore Wind Turbine	WND	WT	(TS) Construction complete, but not yet in commercial operation	149.4
2020	12	61372	Enel Kansas LLC	IPP	Chimron Bond III	Chimron Bond III	KS	64074	3	198.8	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	198.8
2020	12	56701	Engie North America	IPP	Dakota Range III Wind Project	Dakota Range III Wind Project	SD	63102	WTG	153.6	Onshore Wind Turbine	WND	WT	(U) Under construction more than 50 percent complete	153.6
2020	12	56701	Engie North America	IPP	ENGIE Long Draw Solar LLC	ENGIE Long Draw Solar LLC	TX	62845	SP1	225.0	Solar Photovoltaic	SUN	PV	(U) Under construction more than 50 percent complete	225.0
2020	12	56201	Engie North America	IPP	Lux Lomas Wind Project	Lux Lomas Wind Project	TX	63101	WTG	201.6	Onshore Wind Turbine	WND	WT	(V) Under construction more than 50 percent complete	201.6
2020	12	58615	First Solar Project Development	IPP	American Keep Solar, LLC	American Keep Solar, LLC	CA	63171	GEK01	138.0	Solar Photovoltaic	SUN	PV	(U) Under construction more than 50 percent complete	138.0
2020	12	6452	Florida Power & Light Co	Electric Utility	Egypt Solar Center	Egypt Solar Center	FL	62925	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	74.5
2020	12	6452	Florida Power & Light Co	Electric Utility	Lakeside Solar Center	Lakeside Solar Center	FL	62922	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	74.5
2020	12	6452	Florida Power & Light Co	Electric Utility	Magnolia Springs Solar Center	Magnolia Springs Solar Center	FL	62915	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	74.5
2020	12	6452	Florida Power & Light Co	Electric Utility	Nassau Solar Center	Nassau Solar Center	FL	62914	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	74.5
2020	12	6452	Florida Power & Light Co	Electric Utility	Trinidad Solar Center	Trinidad Solar Center	FL	62910	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	74.5
2020	12	6452	Florida Power & Light Co	Electric Utility	Union Springs Solar Center	Union Springs Solar Center	FL	62923	1	74.5	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	74.5
2020	12	6541	Fernova Plastics Corp	Industrial	Fernosa Utility Venture Ltd	Fernosa Utility Venture Ltd	TX	10554	35T1	38.0	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction more than 50 percent complete	40.0
2020	12	6541	Fernova Plastics Corp	Industrial	Fernosa Utility Venture Ltd	Fernosa Utility Venture Ltd	TX	10554	31HG1	97.0	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction more than 50 percent complete	100.0
2020	12	62720	Frontier Windpower II, LLC	IPP	Frontier Windpower II	Frontier Windpower II	OK	62857	FW2	351.8	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	351.8
2020	12	62758	Geronimo Energy	IPP	Acia Community Solar Garden LLC	Acia Community Solar Garden LLC	MN	63305	ASTLR	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	12	62758	Geronimo Energy	IPP	Bellflower Solar LLC	Bellflower Solar LLC	MN	63318	BELFL	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	12	62758	Geronimo Energy	IPP	Brigham Solar LLC	Brigham Solar LLC	MI	63321	BINGH	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	20.0
2020	12	62758	Geronimo Energy	IPP	Camella Solar LLC	Camella Solar LLC	MI	64001	CAMEL	1.0	Solar Photovoltaic	SUN	PV	(T	

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Table 5.5 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)
2020	12	62759	Geromino Energy	IPP	Temperance Solar LLC	MI	63322	TEMPR	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	20.0
2020	12	62698	Gitchi Noodin Wind Farm LLC	IPP	Gitchi Noodin Wind Farm	MI	62815	GNWF1	72.8	Onshore Wind Turbine	WIND	WT	(TS) Construction complete, but not yet in commercial operation	72.8
2020	12	63441	Golden Field Solar III LLC	IPP	Golden Field Solar III LLC	CA	63469	RC16	182.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	192.0
2020	12	63108	Granby Solar LLC	IPP	Granby Solar LLC	MA	63338	4787	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	3.0
2020	12	60025	Greenbacker Renewable Energy Corporation	IPP	Electric City Solar	MI	64097	232	15.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	15.0
2020	12	60025	Greenbacker Renewable Energy Corporation	IPP	Turquoise Nevada, LLC	NV	63906	142	60.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	60.0
2020	12	60195	Groton Station Fuel Cell, LLC	IPP	Naval Sub Base New London Fuel Cell	CT	61743	MMW2	3.7	Other Natural Gas	NG	FC	(V) Under construction more than 50 percent complete	3.7
2020	12	58996	Hanwha O CELLS USA	IPP	Congreso Solar	TX	62772	BTCON	123.6	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	123.6
2020	12	58996	Hanwha O CELLS USA	IPP	Kalam Solar	TX	62772	BTREL	59.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	59.0
2020	12	58996	Hanwha O CELLS USA	IPP	Rapley Solar	TX	62773	BTQOD	59.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	59.0
2020	12	61594	Highlander Solar Station 1 LLC	IPP	Highlander Solar Station 1	VA	62014	HLR01	165.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	165.0
2020	12	61697	Hillcrest Solar 1, LLC	IPP	Hillcrest Solar	OH	62200	HILLC	200.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	200.0
2020	12	61001	Hu Honus Bioenergy LLC	IPP	Hu Honus Bioenergy Facility	HI	61364	H0B	32.0	Other Waste Biomass	OBS	ST	(V) Under construction more than 50 percent complete	36.0
2020	12	63417	ISM Solar Cranston LLC	IPP	ISM Solar Cranston	RI	63718	CR	3.4	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	3.4
2020	12	63137	Idemitsu Renewables	IPP	Mustang Two	CA	62015	M2BAR	50.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	50.0
2020	12	63137	Idemitsu Renewables	IPP	Mustang Two	CA	62015	M2WBH	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	100.0
2020	12	63137	Idemitsu Renewables	IPP	Pioneer Solar (CO) LLC	CO	61591	PI OF	80.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	80.0
2020	12	49893	Inveney Services LLC	IPP	Deval Harvest Wind Energy LLC	SD	62943	GEN1	300.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	300.0
2020	12	49893	Inveney Services LLC	IPP	Hardin Solar Energy LLC	OH	63028	GEN1	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	150.0
2020	12	49893	Inveney Services LLC	IPP	Pinewille Solar Energy LLC	OR	63049	GEN1	46.2	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	46.2
2020	12	49893	Inveney Services LLC	IPP	Sundance Wind Project LLC	OK	63489	GEN1	189.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	189.0
2020	12	49893	Inveney Services LLC	IPP	Thunderhead Wind Energy LLC	NE	62956	GEN1	300.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	300.0
2020	12	64893	Inveney Services LLC	IPP	Traverse Wind Project LLC	CA	63479	GEN1	899.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	899.0
2020	12	63128	Jordan Creek Wind Farm LLC	IPP	Jordan Creek Wind Farm	IN	63388	JCW	388.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	388.0
2020	12	63244	KSII II Consolidated LLC	IPP	County Route 11 Community Solar Farm	NY	62507	1419	4.1	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	4.1
2020	12	63244	KSII II Consolidated LLC	IPP	Fray Rd #1 Community Solar 1 am	NY	62504	1159	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2.0
2020	12	63244	KSII II Consolidated LLC	IPP	Frey Rd #2 Community Solar 1 am	NY	62521	1442	1.4	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	1.4
2020	12	63289	Key Capture Energy	IPP	NY3 Battery	NY	63585	NY3	3.0	Batteries	MWH	BA	(U) Under construction less than or equal to 50 percent complete	3.0
2020	12	62883	Kudge Energy Herford LLC	IPP	Herford Solar Power LLC	NC	63024	KEH1	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	10.0
2020	12	62431	Las Aguilas Wind Farm, LLC	IPP	Las Aguilas Wind Farm	TX	63739	LMU1	772.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	272.6
2020	12	50123	Leeward Asset Management, LLC	IPP	Lone Tree Wind, LLC	IL	63251	LTV	79.0	Onshore Wind Turbine	WIND	WT	(V) Under construction more than 50 percent complete	79.0
2020	12	62842	Lightsource Renewable Energy Asset Management LLC	IPP	Elk Hill Solar 2	PA	63768	PAEH2	15.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	15.0
2020	12	62842	Lightsource Renewable Energy Asset Management LLC	IPP	Impact Solar 1	TX	63722	TXIM1	198.5	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	198.5
2020	12	62842	Lightsource Renewable Energy Asset Management LLC	IPP	Wildflower Solar 1	CA	62988	CAWF1	13.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	13.0
2020	12	62661	Lock 12 Hydro Partners, LLC	IPP	Ravenna Hydroelectric Project	KY	62747	1	0.5	Conventional Hydroelectric	WAT	HY	(V) Under construction more than 50 percent complete	0.5
2020	12	62661	Lock 12 Hydro Partners, LLC	IPP	Ravenna Hydroelectric Project	KY	62747	2	0.5	Conventional Hydroelectric	WAT	HY	(V) Under construction more than 50 percent complete	0.5
2020	12	62661	Lock 12 Hydro Partners, LLC	IPP	Ravenna Hydroelectric Project	KY	62747	3	0.5	Conventional Hydroelectric	WAT	HY	(V) Under construction more than 50 percent complete	0.5
2020	12	62661	Lock 12 Hydro Partners, LLC	IPP	Ravenna Hydroelectric Project	KY	62747	4	0.5	Conventional Hydroelectric	WAT	HY	(V) Under construction more than 50 percent complete	0.5
2020	12	62661	Lock 12 Hydro Partners, LLC	IPP	Ravenna Hydroelectric Project	KY	62747	5	0.5	Conventional Hydroelectric	WAT	HY	(V) Under construction more than 50 percent complete	0.5
2020	12	61210	Longroad Energy Services LLC	IPP	Little Bear 3	CA	62463	GLN01	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	20.0
2020	12	61210	Longroad Energy Services LLC	IPP	Little Bear 4	CA	62464	GEN01	50.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	50.0
2020	12	61210	Longroad Energy Services LLC	IPP	Little Bear 5	CA	62465	GEN01	50.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	50.0
2020	12	61210	Longroad Energy Services LLC	IPP	Little Bear Solar 1 LLC	CA	62466	GEN01	49.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	49.0
2020	12	63300	Lowry CSG2 LLC	IPP	Lowry CSG2 LLC	MN	63595	SC	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.0
2020	12	11478	Madison Gas & Electric Co	Electric Utility	Dane County Airport Solar	WI	64080	1	9.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	9.0
2020	12	63577	Marbury Point Solar LLC	IPP	DC Water Solar	DC	63917	BO50A	4.5	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	4.5
2020	12	61710	Maverick Solar LLC	IPP	Maverick Solar LLC	CA	62178	MAV01	225.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	225.0
2020	12	12119	McGrath Light & Power Co	Electric Utility	McGrath	AK	6555	11	0.4	Petroleum Liquids	DFO	IC	(U) Under construction less than or equal to 50 percent complete	0.4
2020	12	12119	McGrath Light & Power Co	Electric Utility	McGrath	AK	6555	12	0.4	Petroleum Liquids	DFO	IC	(U) Under construction less than or equal to 50 percent complete	0.4
2020	12	12119	McGrath Light & Power Co	Electric Utility	McGrath	AK	6555	13	0.4	Petroleum Liquids	DFO	IC	(U) Under construction less than or equal to 50 percent complete	0.4
2020	12	12119	McGrath Light & Power Co	Electric Utility	McGrath	AK	6555	14	0.4	Petroleum Liquids	DFO	IC	(U) Under construction less than or equal to 50 percent complete	0.4
2020	12	12341	MidAmerican Energy Co	Electric Utility	Central Wind Farm	IA	63638	COWF	112.4	Onshore Wind Turbine	WIND	WT	(V) Under construction more than 50 percent complete	112.4
2020	12	12341	MidAmerican Energy Co	Electric Utility	Diamond Trail Wind Farm	IA	63641	DTWF	252.5	Onshore Wind Turbine	WIND	WT	(V) Under construction more than 50 percent complete	252.5
2020	12	12341	MidAmerican Energy Co	Electric Utility	Palo Alto Wind Farm	IA	63053	PAWF2	90.0	Onshore Wind Turbine	WIND	WT	(V) Under construction more than 50 percent complete	90.0
2020	12	12341	MidAmerican Energy Co	Electric Utility	Southern Hills Wind Farm	IA	63640	SHWF	254.1	Onshore Wind Turbine	WIND	WT	(V) Under construction more than 50 percent complete	254.1
2020	12	63654	Milford Solar	IPP	Milford Solar OR	OR	64038	MS	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	3.0
2020	12	62915	Mohe County Wind Farm	IPP	Mohe County Wind Farm	AZ	63114	MCWF	350.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	350.0
2020	12	60018	NET Power, LLC	IPP	NET Power La Porte Station	TX	60910	NPLPS	75.5	Natural Gas Fired Combustion Turbine	NG	GT	(TS) Construction complete, but not yet in commercial operation	25.5
2020	12	63185	Neighborhood Power Corp	IPP	River Valley Solar	OR	63665	WO54	1.9	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.9
2020	12	13484	New York Methodist Hospital	IPP	New York Methodist Hospital	NY	62091	COHLG	1.5	Petroleum Liquids	DFO	IC	(TS) Construction complete, but not yet in commercial operation	1.5
2020	12	63605	Nicollet Garden LLC	IPP	Nicollet Garden	MN	63938	CGS	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	1.0
2020	12	13784	Northern States Power Co Minnesota	Electric Utility	Bloomington 2 Wind Farm	MN	61650	BL2S2	200.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	200.0
2020	12	63294	Odyssey Solar LLC	IPP	Odyssey Solar	CT	63592	NUTMG	19.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	19.0
2020	12	63477	Oasis Alto LLC	IPP	Oasis Alto	CA	63941	OAT	14.4	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	14.4
2020	12	63473	Odon Solar, LLC	IPP	SR Odon	GA	63814	ODOM	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	20.0
2020	12	63683	Olney Solar II, LLC	IPP	Olney Solar II	IL	64043	6778	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	2.0
2020	12	14237	Otter Tail Power Co	Electric Utility	Astoria Station	SD	61144	1	245.5	Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction more than 50 percent complete	349.0
2020	12	63279	Outlaw Wind Project LLC	IPP	Outlaw Wind Project LLC	MO	63574	GEN1	298.6	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	298.6
2020	12	63300	Plymouth CSG1 LLC	IPP	Plymouth CSG1 LLC	MI	63596	SC	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	5.0
2020	12	63300	Plymouth CSG1 LLC	IPP	Plymouth CSG1 LLC	MI	63597	SC	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.0
2020	12	62873	Plot Hound Solar	IPP	Plot Hound Solar	NC	63015	1088	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals pending Not under construction	5.0
2020	12	56215	RWE Renewables Americas LLC	IPP	Boling Springs Wind Farm	OK	62871	BGSPS	148.4	Onshore Wind Turbine	WIND	WT	(V) Under construction more than 50 percent complete	148.4
2020	12	56215	RWE Renewables Americas LLC	IPP	Scotio Ridge Wind Farm	OH	58780	1	249.8	Onshore Wind Turbine	WIND	WT	(V) Under construction more than 50 percent complete	249.8
2020	12	62871	Ray Wilson Solar, LLC	IPP	Ray Wilson Solar	NC	63017	1090	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals pending Not under construction	5.0
2020	12	61590	Richmond Spider Solar LLC	IPP	Richmond Spider Solar	VA	62011	RMDS5	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	20.0
2020	12	63164	Robert Solar, LLC	IPP	Robert Solar	IL	63164	P01	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	5.0
2020	12	62765	Rosewater Wind Farm LLC	IPP	Rosewater Wind Farm	IN	62891	ROSEW	102.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	102.0
2020	12	61624	SR Sipeville	IPP	Sipeville	GA	62165	SNIP1	61.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	61.0
2020	12	63303	Sacred Heart CSG1 LLC	IPP	Sacred Heart CSG1 LLC	MN	63598	SC	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	1.0
2020	12	63669	San Bernardino Fuel Cell, LLC	Commercial	SB Water Reclamation Fuel Cell	CA	64027	MB19	1.4	Other Waste Biomass	OBS	FC	(L) Regulatory approvals pending Not under construction	1.4
2020	12	63118	Scott Bonnet Solar, LLC	IPP	Scott Bonnet Solar, LLC	NC	63345	PGR07	4.5	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	4.5
2020	12	59770	Shorthorn Holdings LLC	IPP	Shorthorn Holdings	OK	60028	PV1	15.4	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending Not under construction	15.4
2020	12	62920	Shoshone Creek Energy Center	IPP	Shoshone Creek Energy Center Hybrid	WY	62944	SAC	250.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	250.0
2020	12	61677	Sol Systems	IPP	Ventura Solar, LLC	NC	63734	11632	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction more than 50 percent complete	5.0

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Table 6-5 Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Type	Plant Producer	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2020	12	17718	Southwestern Public Service Co	Electric Utility		Sageamore Wind	NM	63578	SWF01	522.0	Onshore Wind Turbine	WND	WT	(V) Under construction, more than 50 percent complete	522.0
2020	12	62717	Speedway Solar INC. LLC	IPP		Speedway Solar INC. LLC	NC	62871	GEN1	22.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	22.0
2020	12	60531	Standard Solar	IPP		USS Brinkman Solar LLC CSG	MN	63153	BUCKR	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	12	63304	Stewart CSG LLC	IPP		Stewart CSG LLC	MN	63599	SC1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2020	12	62716	Stony Knoll Solar LLC	IPP		Stony Knoll Solar LLC	NC	62760	GEN1	22.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	22.0
2020	12	63659	StulusSolar2?	IPP		StulusSolar2?	OR	64022	SS22	3.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.0
2020	12	63657	StulusSolar3	IPP		StulusSolar3	OR	64006	SS33	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2020	12	63106	Sutton Solar 2 LLC	IPP		Sutton Solar 2 LLC	MA	63336	6004	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	1.0
2020	12	62819	Synarcpha Halifax, LLC	IPP		Synarcpha Halifax Hybrid	MA	62973	SYHAB	2.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	12	62819	Synarcpha Halifax, LLC	IPP		Synarcpha Halifax Hybrid	MA	62973	SYHAB	2.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	12	62825	Synarcpha Northridge II, LLC	IPP		Synarcpha Northridge II Hybrid	MA	62978	SYN25	3.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	3.0
2020	12	62825	Synarcpha Northridge II, LLC	IPP		Synarcpha Northridge II Hybrid	MA	62978	SYN25	3.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	3.0
2020	12	61954	Techren Solar V LLC	IPP		Techren Solar V	NY	62440	TECH5	50.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	50.0
2020	12	63224	Tehachap Plains Wind LLC	IPP		Point Wind	CA	63482	PW1	64.5	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	64.5
2020	12	60947	Tesla Inc	Industrial		Tesla Reno Gigafactory	NV	64098	3	0.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	0.0
2020	12	24211	Tucson Electric Power Co	Electric Utility		Oso Grande Wind Farm	NM	63592	OGW24	33.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	33.0
2020	12	24211	Tucson Electric Power Co	Electric Utility		Oso Grande Wind Farm	NM	63592	OGW45	216.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete	216.0
2020	12	19878	Virginia Electric & Power Co	Electric Utility		Desper Solar	VA	62730	1	88.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	88.3
2020	12	61522	Vindity Energy Solutions, Inc.	IPP		Valecto	CA	62801	ORND4	10.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	10.0
2020	12	63129	Wapello Solar LLC	IPP		Wapello Solar LLC	IA	63378	WAPLO	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	100.0
2020	12	20159	Washington Parish Energy Co T LLC	IPP		Washington Parish Energy Center	LA	55486	CTG01	182.3	Natural Gas Fired Combined Cycle Turbine	NG	GT	(V) Under construction, more than 50 percent complete	199.8
2020	12	20159	Washington Parish Energy Co T LLC	IPP		Washington Parish Energy Center	LA	55486	CTG02	182.3	Natural Gas Fired Combined Cycle Turbine	NG	GT	(V) Under construction, more than 50 percent complete	199.8
2020	12	62077	Whiter Creek Wind Project LLC	IPP		Whiter Creek Wind Project LLC	ND	62624	WTCW1	2.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	2.0
2020	12	59316	Wheatland Solar LLC	IPP		Wheatland Solar LLC	SC	59459	PV1	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending, Not under construction	10.0
2020	12	62633	Wildcat Creek Wind Farm LLC	IPP		Wildcat Creek Wind Farm LLC	TX	62715	WCCWF	180.1	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	180.1
2020	12	62748	Wildcat I Energy Storage LLC	IPP		Wildcat I Energy Storage LLC	CA	62875	WID1	3.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	3.0
2021	1	61012	AES Distributed Energy	IPP		Whitcomb Woods Solar LLC	MA	63048	DESMO	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2021	1	62160	AES ES ALAMITOS LLC	IPP		AES ES ALAMITOS LLC	CA	61204	ALMT5	100.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	100.0
2021	1	59134	Bradley Farm LLC	IPP		Bradley Farm (Dudley)	NC	62592	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2021	1	54160	Duke Energy Carolinas LLC	Electric Utility		Madison Creek Solar Power Plant	NC	62868	PV1	69.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	69.3
2021	1	59870	Ecoprofit, Inc.	IPP		Mule Creek Solar Project	CA	63876	MLCR1	2.1	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.1
2021	1	56701	Engie North America	IPP		ANSON Solar Center, LLC	TX	64026	SFR1	200.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	200.0
2021	1	60195	Groton Station Fuel Cell LLC	IPP		Naval Sub Base New London Fuel Cell	CT	61743	MMI13	3.7	Other Natural Gas	NG	FC	(V) Under construction, more than 50 percent complete	3.7
2021	1	63604	Hecate Energy West Newberry LLC	IPP		Hecate Energy West Newberry LLC	SC	64061	HEWN18	3.3	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.3
2021	1	62763	Hecate Grid LLC	IPP		Hecate Energy Johanna Facility	CA	62889	HEJF1	20.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	20.0
2021	1	67374	Indiana Municipal Power Agency	Electric Utility		Columbus City Solar Park	IN	62769	SCOLU	4.3	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.3
2021	1	63644	Kish Solar LLC	IPP		Kish Solar LLC	IL	63990	KSH1	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending, Not under construction	2.0
2021	1	17320	Merck & Co Inc	Industrial		Elison	VA	52148	GEN5	1.2	Natural Gas Steam Turbine	NG	ST	(U) Under construction, less than or equal to 50 percent complete	1.2
2021	1	12320	Merck & Co Inc	Industrial		Elison	VA	52148	GEN7	1.2	Natural Gas Steam Turbine	NG	ST	(U) Under construction, less than or equal to 50 percent complete	1.2
2021	1	17436	Michigan State University	Commercial		T B Simon Power Plant	MI	10378	GEN1	9.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	9.0
2021	1	12436	Michigan State University	Commercial		T B Simon Power Plant	MI	10378	GEN9	9.0	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	9.0
2021	1	60686	Novel Energy Solutions	IPP		Haystack Solar LLC	MN	63724	HAYF1	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2021	1	62866	Novel Peter Solar LLC CSG	IPP		Novel Peter Solar CSG	MN	63094	PE16	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2021	1	63082	ProEnergy Services	IPP		HO Clarke Generating	TX	63335	CTG1	44.5	Natural Gas Fired Combined Cycle Turbine	NG	GT	(V) Under construction, more than 50 percent complete	60.5
2021	1	63082	ProEnergy Services	IPP		HO Clarke Generating	TX	63335	CTG2	44.5	Natural Gas Fired Combined Cycle Turbine	NG	GT	(V) Under construction, more than 50 percent complete	60.5
2021	1	63082	ProEnergy Services	IPP		HO Clarke Generating	TX	63335	CTG3	44.5	Natural Gas Fired Combined Cycle Turbine	NG	GT	(V) Under construction, more than 50 percent complete	60.5
2021	1	63082	ProEnergy Services	IPP		HO Clarke Generating	TX	63335	CTG4	44.5	Natural Gas Fired Combined Cycle Turbine	NG	GT	(V) Under construction, more than 50 percent complete	60.5
2021	1	63082	ProEnergy Services	IPP		HO Clarke Generating	TX	63335	CTG5	44.5	Natural Gas Fired Combined Cycle Turbine	NG	GT	(V) Under construction, more than 50 percent complete	60.5
2021	1	63082	ProEnergy Services	IPP		HO Clarke Generating	TX	63335	CTG6	44.5	Natural Gas Fired Combined Cycle Turbine	NG	GT	(V) Under construction, more than 50 percent complete	60.5
2021	1	60962	RE Maplewood LLC	IPP		RE Maplewood	TX	61346	PV1	222.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	222.0
2021	1	56215	RWE Renewables Americas LLC	IPP		Raymond Wind Farm LLC	TX	62909	ERAYM	200.2	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	200.2
2021	1	63210	Saint Solar LLC	IPP		Saint Solar	AZ	63476	SAINT	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2021	1	60897	Salinas Valley Solid Waste Authority	IPP		Cruzy Horse Solar Project	CA	61284	PV1	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0
2021	1	58798	Shell Chemical Appalachia LLC	Industrial		Shell Chemical Appalachia LLC	PA	58933	G1G1	37.1	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	41.5
2021	1	58798	Shell Chemical Appalachia LLC	Industrial		Shell Chemical Appalachia LLC	PA	58933	G1G2	37.1	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	41.5
2021	1	58798	Shell Chemical Appalachia LLC	Industrial		Shell Chemical Appalachia LLC	PA	58933	G1G3	37.1	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	41.5
2021	1	63257	Solar Carver 1 LLC	IPP		Solar Carver 1 Hybrid	MA	63511	SCRV1	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending, Not under construction	2.0
2021	1	63243	Solar Carver 3 LLC	IPP		Solar Carver 3 Hybrid	MA	63506	SCRV3	1.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending, Not under construction	1.0
2021	1	60131	South Field Energy LLC	IPP		South Field Energy LLC	OH	60356	SFECC	1.060	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	1.105.0
2021	1	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
2021	1	62814	Synarcpha Leicester, LLC	IPP		Synarcpha Leicester Hybrid	MA	62972	SYLEB	1.3	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	1.3
2021	1	62814	Synarcpha Leicester, LLC	IPP		Synarcpha Leicester Hybrid	MA	62972	SYLES	2.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.8
2021	1	18454	Tampa Electric Co	Electric Utility		Quinceo	FL	63494	1	60.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	60.0
2021	1	63433	USS Bluff Country Solar	IPP		USS Bluff Country Solar	MN	63741	USBCS	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2021	1	63436	USS Hubers Solar LLC	IPP		USS Hubers Solar LLC	MN	63744	HUBER	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2021	1	62958	USS Kays Solar LLC	IPP		USS Kays Solar LLC	MN	63170	KASS	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2021	1	63435	USS Solar Way LLC	IPP		USS Solar Way LLC	MN	63743	SOLWY	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2021	1	19878	Virginia Electric & Power Co	Electric Utility		Coastal Virginia Offshore Wind (CVOW)	VA	60993	OSW1	12.0	Offshore Wind Turbine	WIND	WS	(TS) Construction complete, but not yet in commercial operation	12.0
2021	1	60181	Wabtec Holdings, LLC	IPP		Wabtec Holdings	NC	62838	PV1	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.0
2021	2	59055	Waggoner Power Co	IPP		Maverick Creek Wind	TX	62853	MVCRK	524.4	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	524.4
2021	2	59843	Wlythe Solar II LLC	IPP		Blythe Solar II LLC	CA	60092	BLST2	115.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	115.0
2021	2	3258	Central Iowa Power Cooperative	Electric Utility		Summit Lake	IA	1206	R1	18.4	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.8
2021	2	3258	Central Iowa Power Cooperative	Electric Utility		Summit Lake	IA	1206	R2	18.4	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.8
2021	2	3258	Central Iowa Power Cooperative	Electric Utility		Summit Lake	IA	1206	R3	18.4	Natural Gas Internal Combustion Engine	NG	IC	(V) Under construction, more than 50 percent complete	18.8
2021	2	64553	Duke Energy Florida LLC	Electric Utility		Twin Rivers Solar Power Plant	FL	63518	PV1	74.9	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.9
2021	2	63651	Energy Holdings LLC	IPP		Energy Holdings LLC	VA	64010	ENDH1	50.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	11.0
2021	2	55937	Entergy Texas Inc	Electric Utility		Montgomery County	TX	60924	1A	250.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	250.0
2021	2	55937	Entergy Texas Inc	Electric Utility		Montgomery County	TX	60924	1B	250.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	250.0
2021	2	55937	Entergy Texas Inc	Electric Utility		Montgomery County	TX	60924	1C	500.0	Natural Gas Fired Combined Cycle	NG	CT	(V) Under construction, more than 50 percent complete	500.0
2021	2	63404	Hunker Solar River LLC	IPP		Hunker Solar River LLC	PA	63691	13502	3.3	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.3
2021	2	62897	MSB Investors, LLC	Electric CHP		ReSource Center	CA	63094	SBAD1	1.1	Other Waste Biomass	OBG	IC	(V) Under construction, more than 50 percent complete	1.1
2021	2	62897	MSB Investors, LLC	Electric CHP		ReSource Center	CA	63094	SBAD2	1.1	Other Waste Biomass	OBG	IC	(V) Under construction, more than 50 percent complete	1.1
2021	2	11822	Massachusetts Inst of Tech	Commercial		Mass Inst Tech Catri Utilities/Cogen Pll	MA	54907	GT200	17.1	Natural Gas Fired Combined Cycle Turbine	NG	GT	(V) Under construction, more than 50 percent complete	21.7

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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)
2021	2	11870	Massachusetts Inst of Tech	Commercial	Mass Inst Tech Centrl Unites/Cogen Pli	MA	54907	G300	17	1 Natural Gas Fired Combustion Turbine	NG	GT	(V) Under construction, more than 50 percent complete	21.7
2021	2	60686	Novel Energy Solutions	IPP	Hayfield Solar III LLC	MN	63725	HAYF3	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2021	2	60896	Novel Energy Solutions	IPP	Phelan City Solar LLC	MN	63726	PHS01	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2021	2	63590	Novel Martens Solar LLC	IPP	Novel Martens Solar LLC	MN	63591	MRTNS	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	1.0
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63088	CTG 1	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63089	CTG 2	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63088	CTG 3	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63088	CTG 4	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63088	CTG 5	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63088	CTG 6	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63088	CTG 7	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63088	CTG 8	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63088	CTG 9	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	63087	ProEnergy Services	IPP	Topaz Generating	TX	63088	CTG10	44.5	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	60.5
2021	2	61727	Relay del Sol Wind Farm LLC	IPP	Relay del Sol Wind Farm	TX	62707	REL01	209.9	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	209.9
2021	2	61668	Stratus Wind LLC	IPP	Stratus Wind Farm	CA	62113	ST-CA	98.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	98.0
2021	2	62973	USS Loe Com Solar LLC	IPP	USS Loe Com Solar LLC CSG	MN	63215	DOTCM	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2021	2	62953	USS Rendler Solar LLC CSG	IPP	USS Rendler Solar LLC CSG	MN	63165	RENDR	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2021	2	64344	USS Victory Solar LLC	IPP	USS Victory Solar LLC	MN	63742	USVIC	1.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	1.0
2021	2	63604	Union Garden LLC	IPP	Union Garden	MN	63939	CGS	1.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.0
2021	3	60496	Adaptive Renewables, Inc.	IPP	Pawcatuck Solar Center, LLC	CT	62318	PAWCA	15.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	15.0
2021	3	62627	Alchomy Renewable Energy	IPP	Logansport Solar	IN	63861	IMP01	16.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending, Not under construction	16.0
2021	3	15389	Eveready Renewables LLC	IPP	Powering Inland LLC	WY	61041	WYI01	70.0	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	70.0
2021	3	63568	BD Solar 1 LLC	IPP	Mio PV - BD Solar 1 LLC	ME	63894	MILPV	20.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	20.0
2021	3	63567	BD Solar Augusta LLC	IPP	Augusta PV - BD Solar Augusta LLC	ME	63895	AUGPV	7.2	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	7.2
2021	3	63566	BD Solar Fairfield LLC	IPP	Fairfield PV - BD Solar Fairfield LLC	ME	63896	FAIPV	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2021	3	63565	BD Solar Oxford LLC	IPP	Oxford PV - BD Solar Oxford LLC	ME	63897	OXF01	9.7	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	9.7
2021	3	57365	Consolidated Edison Solutions Inc.	IPP	CES Agawam Tuckahoe Solar Hybrid	MA	63763	ATES	2.3	Batteries	MWH	BA	(T) Regulatory approvals received, Not under construction	2.3
2021	3	57365	Consolidated Edison Solutions Inc.	IPP	CES Agawam Tuckahoe Solar Hybrid	MA	63763	ATIPP	3.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	3.6
2021	3	61918	Convergint Energy and Power LP	IPP	Hemlock II Energy Storage LLC	CA	62641	HES1	10.0	Batteries	MWH	BA	(L) Regulatory approvals pending, Not under construction	10.0
2021	3	61918	Convergint Energy and Power LP	IPP	Orange County Energy Storage 2	CA	62497	OCE2S	9.0	Batteries	MWH	BA	(L) Regulatory approvals pending, Not under construction	9.0
2021	3	61918	Convergint Energy and Power LP	IPP	Orange County Energy Storage 3	CA	62499	OCE3S	6.0	Batteries	MWH	BA	(L) Regulatory approvals pending, Not under construction	6.0
2021	3	61610	Delaware River Solar LLC	IPP	Route 19 #1 Community Solar Farm	NY	62500	1258	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	2.0
2021	3	61610	Delaware River Solar LLC	IPP	Route 19 #2 Community Solar Farm	NY	62502	1415	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	5.0
2021	3	61610	Delaware River Solar LLC	IPP	State Route 64N Community Solar Farm	NY	62520	1069	1.2	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	1.2
2021	3	61610	Delaware River Solar LLC	IPP	Tenagoapt Rd #1 Community Solar Farm	NY	62495	1260	3.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	3.0
2021	3	61610	Delaware River Solar LLC	IPP	Tenagoapt Rd #2 Community Solar Farm	NY	62498	1413	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	2.0
2021	3	6455	Cuba Energy Florida, LLC	Electric Utility	Santa Fe Solar Power Plant	FL	63517	PV1	74.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	74.0
2021	3	62742	ENEL BELLA ENERGY STORAGE, LLC	IPP	Goleta Grid Resiliency	CA	63736	BESS1	10.0	Batteries	MWH	BA	(L) Regulatory approvals pending, Not under construction	10.0
2021	3	59497	Eversource	IPP	Outer Cape Community Battery	MA	62604	OCESS	25.0	Batteries	MWH	BA	(L) Regulatory approvals pending, Not under construction	25.0
2021	3	71140	Georgia Power Co	Electric Utility	Kings Bay Solar Facility	GA	59864	BESS	1.5	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	1.5
2021	3	71140	Georgia Power Co	Electric Utility	Robins Air Force Base Solar	GA	61648	1	139.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	139.0
2021	3	6324	Indiana Michigan Power Co	Electric Utility	South Bend Solar	IN	63801	1	20.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	20.0
2021	3	63645	Norstrand Solar, LLC	IPP	Norstrand	IL	63991	NOS	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending, Not under construction	2.0
2021	3	62867	Novel Winagat Partnership Solar CSG	IPP	Novel Winagat Partnership Solar CSG	MN	63008	WIN01	1.0	Solar Photovoltaic	SUN	PV	(TS) Construction complete, but not yet in commercial operation	1.0
2021	3	14328	Pacific Gas & Electric Co	Electric Utility	Elkhorn Battery Energy Storage System	CA	62564	ELKHO	182.5	Batteries	MWH	BA	(L) Regulatory approvals pending, Not under construction	182.5
2021	3	63643	Peterson Solar II LLC	IPP	Peterson II	IL	63949	PETE1	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending, Not under construction	2.0
2021	3	60229	Quail Holdings, LLC	IPP	Quail Holdings	NC	60434	PV1	25.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending, Not under construction	25.0
2021	3	59215	RWE Renewable Americas LLC	IPP	Cassadaga Wind Farm	NY	58717	1	128.0	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	128.0
2021	3	60717	San Bernardino Valley Mun Water Dist	Electric Utility	Waterman Turnout Hydroelectric	CA	60466	WTH01	1.0	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending, Not under construction	1.0
2021	3	16609	San Diego Gas & Electric Co	Electric Utility	Top Gun Energy Storage	CA	61366	TGES	30.0	Batteries	MWH	BA	(V) Under construction, more than 50 percent complete	30.0
2021	3	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	STG1	72	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	75.0
2021	3	58798	Shell Chemical Appalachia LLC	Industrial	Shell Chemical Appalachia LLC	PA	58933	STG2	72	Natural Gas Fired Combined Cycle	NG	CA	(V) Under construction, more than 50 percent complete	75.0
2021	3	62146	Sigurd Solar LLC	IPP	Sigurd Solar LLC	UT	62666	SGSOL	80.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	80.0
2021	3	63424	Silverstrand Grid, LLC	IPP	Silverstrand Grid Energy Storage System	CA	63735	SLV01	11.0	Batteries	MWH	BA	(L) Regulatory approvals pending, Not under construction	11.0
2021	3	62826	Syncrpha Puddon I LLC	IPP	Syncrpha Puddon I Hybrid	MA	62968	SYPIB	4.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	4.0
2021	3	62876	Syncrpha Puddon I LLC	IPP	Syncrpha Puddon I Hybrid	MA	62969	SYPIB	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2021	3	62827	Syncrpha Puddon II LLC	IPP	Syncrpha Puddon II Hybrid	MA	62970	SYPIB	4.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	4.0
2021	3	62827	Syncrpha Puddon II LLC	IPP	Syncrpha Puddon II Hybrid	MA	62970	SYPIB	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2021	3	19538	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	GEN1P	5.0	Natural Gas Steam Turbine	NG	ST	(U) Under construction, less than or equal to 50 percent complete	5.0
2021	3	19538	University of Iowa	Commercial	University of Iowa Main Power Plant	IA	54775	BLN1S	10.0	Natural Gas Steam Turbine	NG	ST	(L) Regulatory approvals pending, Not under construction	10.0
2021	3	62701	Visa Solar, Inc.	IPP	Big-Road	CA	63189	BIGROD	2.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	2.5
2021	3	63646	Vulcan Solar, LLC	IPP	Vulcan	IL	63992	VUL	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending, Not under construction	2.0
2021	3	20421	Western Minnesota Mun Pwr Agcy	Electric Utility	Rod Rock Hydro Plant	IA	58434	1	27.5	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	18.2
2021	3	20421	Western Minnesota Mun Pwr Agcy	Electric Utility	Rod Rock Hydro Plant	IA	58434	2	27.5	Conventional Hydroelectric	WAT	HY	(V) Under construction, more than 50 percent complete	18.2
2021	4	61012	AES Distributed Energy	IPP	AES Kokahoe Solar LLC Hybrid	HI	63280	BECS	14.0	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	14.0
2021	4	63004	Abundant Solar Power Inc.	IPP	Dexter STEU	NY	63226	2078	2.7	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.2
2021	4	63004	Abundant Solar Power Inc.	IPP	Gibson STEU	NY	63227	8875	11.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	11.5
2021	4	63004	Abundant Solar Power Inc.	IPP	Watson STEU	NY	63228	11416	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2021	4	54163	Acronia Energy USA Global LLC	IPP	Le Chagay, LLC	TX	63824	LC	189.0	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	199.5
2021	4	63668	Bauer Community Solar LLC	IPP	Bauer Solar CSG	MN	64029	TC3	0.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	0.9
2021	4	1752	Biola University	Commercial	Biola University Hybrid	CA	54296	LG-1H	1.5	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending, Not under construction	1.5
2021	4	1752	Biola University	Commercial	Biola University Hybrid	CA	54296	EG-2H	1.5	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending, Not under construction	1.5
2021	4	63620	Birch Creek Development, LLC	IPP	BRE NC Solar 3	NC	60627	BEAM3	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	5.0
2021	4	58138	Ecos Energy LLC	IPP	Waybridge 1 Solar	VT	61038	WELV1	3.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	3.0
2021	4	63625	Envision Buckingham, LLC	IPP	Envision Buckingham, LLC	VA	64015	ENOB	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	20.0
2021	4	60957	Enigma M. Jackson Solar	IPP	M. Jackson Solar	VA	61318	SOLAR	15.7	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received, Not under construction	15.7
2021	4	6452	Florida Power & Light Co	Electric Utility	Discovery Solar Center	FL	63106	1	74.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2021	4	6452	Florida Power & Light Co	Electric Utility	Orange Blossom Solar Center	FL	62919	1	74.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2021	4	6452	Florida Power & Light Co	Electric Utility	Palm Bay Solar	FL	62921	1	74.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2021	4	6452	Florida Power & Light Co	Electric Utility	Palcan Solar Center	FL	62924	1	74.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2021	4	6452	Florida Power & Light Co	Electric Utility	Rodde Solar Center	FL	62917	1	74.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2021	4	6452	Florida Power & Light Co	Electric Utility	Sabal Palm Solar Center	FL	63110	1	74.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	74.5
2021	4	49893	Invenery Services LLC	IPP	Bodger Hollow Solar Farm LLC	WI	62955	GFNT	300.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	300.0

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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	Primo Mover Code	Status	Nameplate Capacity (MW)
2021	4	62721	Maryland Windpower, LLC	IPP	Maryland Windpower	TX	62836	MNW	182.4	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	182.4
2021	4	11800	Massachusetts Man Wholes Electric Co	Electric Utility	MMWEC Simple Cycle Gas Turbine	MA	63559	GT1	57.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	65.0
2021	4	61846	Prokai Solar, LLC	IPP	Prokai Solar Project	TX	62802	PSG1	59.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	59.0
2021	4	56215	RWE Renewables Americas LLC	IPP	West Hazymead Wind Farm LLC	TX	62814	WRAYM	239.0	Onshore Wind Turbine	WIND	WT	(V) Under construction, more than 50 percent complete	239.9
2021	4	17633	Southern Indiana Gas & Elec. Co	Electric Utility	Troy Solar	IN	63929	TROY1	50.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.4
2021	4	62919	TPE King Solar Holdings1 LLC	IPP	King CSG	RI	63135	KING1	7.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	7.0
2021	4	62916	TPE King Solar Holdings1 LLC	IPP	King CSG	RI	63135	KING2	7.8	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	7.6
2021	4	63326	USS Solar Brick	IPP	USS Solar Brick	IL	63618	USBRK	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2021	4	63550	Ventura Energy Storage LLC	IPP	Sanctus	CA	63891	SAICY	100.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	100.0
2021	5	63012	2W Periman Solar, LLC	IPP	2W Periman Solar Project Hybrid	TX	63255	2WPSA	40.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	40.0
2021	5	63012	2W Periman Solar, LLC	IPP	2W Periman Solar Project Hybrid	TX	63255	2WPSD	420.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	420.0
2021	5	59474	BQ Energy LLC	IPP	West Valley East	NY	62738	WVLE	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2021	5	59474	BQ Energy LLC	IPP	West Valley West	NY	62737	WVW	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2021	5	62805	Bluestone Farm Solar, LLC	IPP	Bluestone Solar	VA	62960	BLUE1	49.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	49.9
2021	5	59844	Blythe Solar III, LLC	IPP	Blythe Solar III, LLC Hybrid	CA	60094	BLST3	115.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	115.0
2021	5	62091	Derby Fuel Cell, LLC	IPP	Derby Fuel Cell	CT	62588	MM45	2.8	Other Natural Gas	NG	FC	(L) Regulatory approvals pending. Not under construction	2.8
2021	5	62091	Derby Fuel Cell, LLC	IPP	Derby Fuel Cell	CT	62588	MM46	2.8	Other Natural Gas	NG	FC	(L) Regulatory approvals pending. Not under construction	2.8
2021	5	62091	Derby Fuel Cell, LLC	IPP	Derby Fuel Cell	CT	62588	MM47	2.8	Other Natural Gas	NG	FC	(L) Regulatory approvals pending. Not under construction	2.8
2021	5	62091	Derby Fuel Cell, LLC	IPP	Derby Fuel Cell	CT	62588	MM48	2.8	Other Natural Gas	NG	FC	(L) Regulatory approvals pending. Not under construction	2.8
2021	5	62091	Derby Fuel Cell, LLC	IPP	Derby Fuel Cell	CT	62588	MM49	2.8	Other Natural Gas	NG	FC	(L) Regulatory approvals pending. Not under construction	2.8
2021	5	63441	Fogarty Solar LLC	IPP	Fogarty	NY	63747	GRA	2.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.0
2021	5	6090	Gainesville Regional Utilities	Electric Utility	John R Kelly	FL	664	B-2	37.8	Natural Gas Fired Combined Cycle	NG	CC	(U) Under construction, less than or equal to 50 percent complete	45.5
2021	5	61166	Green Power Energy LLC	IPP	Griffin Trail Wind Farm	NY	61660	WT2	225.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	225.0
2021	5	61942	Griffin Trail Wind, LLC	IPP	Griffin Trail Wind	TX	62411	GTWIND	225.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	225.5
2021	5	62807	Hawtree Creek Farm Solar, LLC	IPP	Hawtree Solar	NC	62951	HAWT1	65.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	65.0
2021	5	62064	Hill Top Energy Center, LLC	IPP	Hill Top Energy Center, LLC	PA	62565	GEN1	619.1	Natural Gas Fired Combined Cycle	NG	CC	(V) Under construction, more than 50 percent complete	664.7
2021	5	60378	Howardown Farm, LLC	IPP	Howardown Farm	NC	60630	PV1	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
2021	5	63100	SE Juno, LLC	IPP	Juno Solar Project	TX	63328	JUNO1	159.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	159.0
2021	5	16009	San Diego Gas & Electric Co	Electric Utility	Fallbrook Energy Storage	CA	63165	FBS	40.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	40.0
2021	5	63396	Shutridge Road Solar Farm, LLC	IPP	Shutridge Road Solar	MA	63617	STU08	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	5.0
2021	5	62824	Syncopta Northbridge 1, LLC	IPP	Syncopta Northbridge 1 Hybrid	MA	62977	SYNB1	4.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	4.0
2021	5	62824	Syncopta Northbridge 1, LLC	IPP	Syncopta Northbridge 1 Hybrid	MA	62977	SYNB5	5.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	5.0
2021	5	20856	Wisconsin Power & Light Co	Electric Utility	Reverside Energy Center	WI	55641	PV1	4.4	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.4
2021	6	62984	AC Power 2, LLC	IPP	AC Power 2	NJ	63166	ACP2	3.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	3.8
2021	6	61606	Ajilon Energy Holdings II, LLC	IPP	Victoria Port Power II, LLC	TX	61966	VP2-1	43.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	50.0
2021	6	61606	Ajilon Energy Holdings II, LLC	IPP	Victoria Port Power II, LLC	TX	61966	VP2-2	43.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	50.0
2021	6	63600	Cal ELEC BESS, LLC	IPP	Cal ELEC BESS	CA	63609	CT60	60.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	60.0
2021	6	56769	Consolidated Edison Development Inc.	IPP	CED Denmark Solar Hybrid	ME	63896	DSB5	2.3	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	2.3
2021	6	56769	Consolidated Edison Development Inc.	IPP	CED Denmark Solar Hybrid	ME	63896	DSPV	2.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.5
2021	6	63611	Coso Battery Storage, LLC	IPP	Coso Battery Storage	CA	63943	61730	60.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	60.0
2021	6	63523	DePue Holdings, LLC	IPP	DePue Holdings, LLC	IL	63845	DEPUE	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2021	6	62746	Don Leo BESS 1, LLC	IPP	Don Leo BESS 1, LLC	CA	62872	DOML1	6.5	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	6.5
2021	6	6455	Duval Energy, Florida 1, LLC	Electric Utility	Donner	FL	63995	EST	11.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	11.0
2021	6	58970	Ecoplexus, Inc.	IPP	High Slopes PV1	NC	59991	HISG0	16.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	16.0
2021	6	58970	Ecoplexus, Inc.	IPP	OAKBORO PV1	NC	61162	OAKPV	40.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	40.0
2021	6	58970	Ecoplexus, Inc.	IPP	Pleasant Hill PV1	NC	63787	PHILL	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2021	6	58970	Ecoplexus, Inc.	IPP	Willoughby PV1	NC	60003	WILL1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2021	6	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
2021	6	63553	Energy Nokerville, LLC	IPP	Energy Nokerville, LLC	VA	64012	ENX07	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2021	6	1740	Georgia Power Co	Electric Utility	Georgia College & State University Solar	GA	63292	1	3.5	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	3.5
2021	6	61888	Glowersville Community Solar 1, LLC	IPP	Loma Rica Landfill Solar	NY	62357	08158	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2021	6	63499	Gunsight Solar, LLC	IPP	Gunsight Solar, LLC	SC	63813	PGR26	75.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	75.0
2021	6	63715	Hecate Energy Albany County 1, LLC	IPP	Hecate Energy Albany County 1	NY	64077	ALBNY	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	6	63723	Ignacio Grid, LLC	IPP	Ignacio Grid Energy Storage System	TX	64069	IGH01	100.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2021	6	48993	Invenery Surcoo, LLC	IPP	Carleboe Wind Farm	NY	62947	GEN1	290.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	290.7
2021	6	63453	Johnson Development Associates, Inc.	IPP	Prison Solar Farm	SC	63777	T310	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2021	6	56155	Lansing Board of Water and Light	Electric Utility	Delta Energy Park	MI	63259	DEPC2	48.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	58.0
2021	6	56155	Lansing Board of Water and Light	Electric Utility	Delta Energy Park	MI	63259	DEPC3	48.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	58.0
2021	6	56155	Lansing Board of Water and Light	Electric Utility	Delta Energy Park	MI	63259	DEPC5	46.0	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	58.0
2021	6	56155	Lansing Board of Water and Light	Electric Utility	Delta Energy Park	MI	63259	DEPC1	81.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete	89.2
2021	6	63549	Lily Solar, LLC	IPP	Lily Solar Hybrid	TX	63992	LILY	146.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	181.0
2021	6	63549	Lily Solar, LLC	IPP	Lily Solar Hybrid	TX	63992	LILYB	50.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	50.0
2021	6	61219	Longleaf Energy Services LLC	IPP	Music Shoals	AL	62462	GER01	22.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	22.0
2021	6	11806	Massachusetts Man Wholes Electric Co	Electric Utility	MMWEC Simple Cycle Gas Turbine	MA	63559	1	55.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	70.0
2021	6	13407	Nevada Irrigation District	IPP	Loma Rica Hydroelectric Powerhouse	CA	60998	HV1	1.4	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.4
2021	6	15296	New York Power Authority	Electric Utility	Whitby Battery Storage	NY	63238	WB1	20.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	6	62985	Petlinos Solar, LLC	IPP	Petlinos Solar	NJ	63197	ACP4	1.2	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.2
2021	6	59967	Phoenix Luxury	Electric CHP	North Fork Community Power	CA	60192	NFCP1	2.0	Other Waste Biomass	OBG	IC	(T) Regulatory approvals received. Not under construction	2.0
2021	6	59010	Rhubarb One LLC	IPP	Rhubarb One LLC	SC	63996	PV1	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2021	6	63267	SE Titec, LLC	IPP	Titan Solar Project	TX	63270	IFTN	260.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	260.0
2021	6	63257	Solar Carver 1, LLC	IPP	Solar Carver 1 Hybrid	MA	63541	BCRV1	2.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	2.0
2021	6	63243	Solar Carver 3, LLC	IPP	Solar Carver 3 Hybrid	MA	63506	BCRV3	1.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	1.0
2021	6	17609	Southern California Edison Co	Electric Utility	DESI 1 Battery Energy Storage Facility	CA	60699	DESI1	2.4	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	2.4
2021	6	17609	Southern California Edison Co	Electric Utility	DESI 2 Battery Storage Facility	CA	62460	DESI2	1.4	Batteries	MWH	BA	(TS) Construction complete, but not yet in commercial operation	1.4
2021	6	62918	TPE Hopkins Solar Holdings1 LLC	IPP	Hopkins Hill CSG	RI	63136	HIH2	4.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	4.7
2021	6	63326	USS Grandpa Solar	IPP	USS Grandpa Solar	IL	63620	USGPA	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2021	6	63327	USS Grandpa Solar	IPP	USS Grandpa Solar	IL	63619	USGPA	11.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	11.0
2021	6	63329	USS Sycamore Solar	IPP	USS Sycamore Solar	IL	63621	USSYC	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2021	6	62918	USS Water City Solar LLC	IPP	USS Water City Solar LLC CSG	MN	63270	WTRCY	1.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2021	6	62917	USS Water Fowl Solar LLC	IPP	USS Water Fowl Solar LLC CSG	MN	63219	WTRFL	1.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2021	6	62916	USS Water Town Solar LLC	IPP	USS Water Town Solar LLC CSG	MN	63218	WTRTN	1.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2021	6	15954	University of Notre Dame	Commercial	Notre Dame Hydro	IN	62918	HYD1	2.5	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	2.5
2021	6	62046	Whitaker Solar, LLC	IPP	Whitaker Solar	CA	62546	WHIT1	19.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	19.0
2021	6	62059	Whitaker Solar, LLC	IPP	Whitaker Solar	VA	62559	WHIT1	50.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	50.0

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Table 6-5. Planned U.S. Electric Generating Unit Additions

Year	Month	Entry ID	Entry Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code	Status	Nameplate Capacity (MW)
2021	6	63225	Wister Solar	IPP	Wister Solar	CA	63487	WSOI	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2021	6	63369	Yaphank Fuel Cell Park, LLC	IPP	SWM Fuel Cell	NY	63661	SWM1	7.8	Other Natural Gas	NG	FC	(T) Regulatory approvals received. Not under construction	7.8
2021	6	63369	Yaphank Fuel Cell Park, LLC	IPP	SWM Fuel Cell	NY	63661	SWM2	2.0	Other Natural Gas	NG	FC	(T) Regulatory approvals received. Not under construction	2.0
2021	6	63369	Yaphank Fuel Cell Park, LLC	IPP	SWM Fuel Cell	NY	63661	SWM3	2.8	Other Natural Gas	NG	FC	(T) Regulatory approvals received. Not under construction	2.8
2021	7	62006	YX Energy Inc.	IPP	Yaygeto II Energy Project	TX	64075	YAYG2	201.8	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	201.8
2021	7	63430	Astral Electricity LLC	IPP	Chisholm Grid Energy Storage System	TX	63737	CHISO1	100.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	100.0
2021	7	63571	Azure Sky Solar Project, LLC	IPP	Azure Sky Solar	TX	63905	ASKYS	225.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	225.0
2021	7	63620	Brich Creek Development, LLC	IPP	BRE NC Solar 2	NC	60626	BEAM2	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	7	6455	Duke Energy Florida, LLC	Electric Utility	East San Blas	TX	63996	ES1	5.3	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.3
2021	7	56981	East Blackland Solar Project 1, LLC	IPP	East Blackland Solar Project 1	TX	57659	ESF	144.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	144.0
2021	7	56615	First Solar Project Development	IPP	Sun Stream 2	AZ	63440	GEN01	150.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	150.0
2021	7	55983	Luminant Generation Company, LLC	IPP	DeCordova Steam Electric Station	TX	8063	BESS	260.0	Batteries	MWH	BA	(T) Regulatory approvals pending. Not under construction	260.0
2021	7	63403	Luna Storage, LLC	IPP	Luna Storage	CA	63685	LUNA	100.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2021	7	58451	McCoy Solar, LLC	IPP	McCoy Solar Energy Project Hybrid	CA	58462	MCS11	230.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	230.0
2021	7	61593	Pleasanton Solar 2, LLC	IPP	Pleasanton Solar 2	VA	62013	PLM2	240.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	240.0
2021	7	60992	RE Maplewood LLC	IPP	RE Maplewood	TX	63346	PV2	28.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	28.0
2021	7	63100	SE Juna, LLC	IPP	Juna Solar Project	TX	63376	JPJNO	141.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	141.0
2021	7	62699	SunEast Dog Corner Solar, LLC	IPP	SunEast Dog Corner Solar Project	NY	62823	Q584	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	20.0
2021	7	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
2021	7	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
2021	7	62756	SunEast Walkers Road Solar, LLC	IPP	SunEast Walkers Road Solar Project	NY	62896	Q586	20.0	Solar Photovoltaic	SUN	PV	(T) Other	20.0
2021	8	62048	Aquamarine Westside LLC	IPP	Aquamarine	CA	62547	AQUAM	250.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	250.0
2021	8	63311	Azure Sky Solar Project, LLC	IPP	Azure Sky Solar	TX	63905	ASKYB	27.0	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	27.0
2021	8	56769	Consolidated Edison Development Inc.	IPP	Copper Mountain Solar 5, LLC	NY	63504	CMS1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2021	8	61684	Duilio Energy Storage, LLC	IPP	Diablo Energy Storage	CA	62175	DIBLO	250.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	250.0
2021	8	55983	Luminant Generation Company, LLC	IPP	Brightstar	TX	63223	UN011	50.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.7
2021	8	56545	Potters Operators LP	IPP	G S E One LLC	TX	62505	1	82.5	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	82.0
2021	8	63101	SE Aragon, LLC	IPP	Aragon Solar Project	TX	63329	IPAGN	180.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	180.0
2021	8	62636	TREX US Red Holly, LLC	IPP	TREX US Red Holly	TX	63202	TOL1	50.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	50.0
2021	8	63318	Trent River Solar, LLC	IPP	Trent River Solar	NC	63842	PRGR2	78.7	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	78.7
2021	9	61118	Amresco Inc - Candewood	IPP	Candewood Solar	CT	61517	CANDL	25.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	25.0
2021	9	63253	Assembly Solar II, LLC	IPP	Assembly Solar II, LLC	MI	63538	AS2	110.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	110.0
2021	9	59474	BQ Energy LLC	IPP	Yeoman Creek	IL	61910	YLCM	8.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	8.8
2021	9	62050	Castleman Power Development, LLC	IPP	SJRR Power LLC	TX	62548	SJ1	43.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	50.0
2021	9	62050	Castleman Power Development, LLC	IPP	SJRR Power LLC	TX	62548	SJ2	43.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	50.0
2021	9	62050	Castleman Power Development, LLC	IPP	SJRR Power LLC	TX	62548	SJ3	43.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	50.0
2021	9	62050	Castleman Power Development, LLC	IPP	SJRR Power LLC	TX	62548	SJ4	43.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	50.0
2021	9	61060	Cypress Creek Renewables, LLC	IPP	Pine Valley Solar Farm, LLC	NC	60798	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0
2021	9	61610	Delaware River Solar, LLC	IPP	Yellow Mills Rd #1 Community Solar Farm	NY	62517	1142	2.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.3
2021	9	61610	Delaware River Solar, LLC	IPP	Yellow Mills Rd #2 Community Solar Farm	NY	62518	1181	2.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.3
2021	9	61610	Delaware River Solar, LLC	IPP	Yellow Mills Rd #3 Community Solar Farm	NY	62519	1244	2.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.3
2021	9	6455	Duke Energy Florida, LLC	Electric Utility	Jennings Energy Storage Facility	TX	63996	ES1	5.3	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	5.3
2021	9	6455	Duke Energy Florida, LLC	Electric Utility	Jennings Energy Storage Facility	TX	63996	ES1	8.3	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	8.3
2021	9	61944	GSRP	IPP	Chevron - Lost Hills Hybrid	CA	63545	BESS1	10.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	10.0
2021	9	71140	Georgia Power Co	Electric Utility	Fort Valley State University Solar	GA	63062	1	10.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	10.0
2021	9	63084	Gulfwind Generation, LLC	IPP	Jamison Wind Project	MI	68175	JWPI	80.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	80.0
2021	9	63109	Hales Mills Solar, LLC	IPP	Hales Mills Solar, LLC	NY	63339	6009	3.6	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	9	19558	Homer Electric Assn Inc	Electric Utility	Siddons	AK	57296	3	46.5	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	46.5
2021	9	63638	Horsehoe Solar, LLC	IPP	Horsehoe Solar, LLC	UT	63984	HSS	75.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	75.0
2021	9	55983	Luminant Generation Company, LLC	IPP	Emerald Green	TX	63233	UN011	106.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	106.0
2021	9	63139	Minonk Stewardship Wind, LLC	IPP	Benevolent Wind	IL	63384	BENN	93.0	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	93.0
2021	9	59488	Perennial Wind Chaser, LLC	IPP	Perennial Wind Chaser Station	OR	59721	G11	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	106.0
2021	9	59489	Perennial Wind Chaser, LLC	IPP	Perennial Wind Chaser Station	OR	59721	G12	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	106.0
2021	9	59489	Perennial Wind Chaser, LLC	IPP	Perennial Wind Chaser Station	OR	59721	G13	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	106.0
2021	9	59489	Perennial Wind Chaser, LLC	IPP	Perennial Wind Chaser Station	OR	59721	G14	98.7	Natural Gas Fired Combustion Turbine	NG	GT	(T) Regulatory approvals received. Not under construction	106.0
2021	9	63638	Rockies Solar, LLC	IPP	Rockies Solar, LLC	UT	63983	RS	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2021	9	62743	RowWind LLC	IPP	RowWind	ME	62857	WIN01	15.3	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	15.3
2021	9	63275	Samoset Solar, LLC	IPP	Samoset Solar	ME	63551	PRG21	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.0
2021	9	63493	Sugar Solar, LLC	IPP	Sugar Solar, LLC	NC	63807	PRG28	60.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	60.0
2021	9	62700	SunEast Clay Solar, LLC	IPP	SunEast Clay Solar Project	NY	62819	Q669	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	50.0
2021	9	62820	Syncrepha Millbury, LLC	IPP	Syncrepha Millbury Hybrid	MA	62974	SYMIB	3.8	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	3.8
2021	9	62820	Syncrepha Millbury, LLC	IPP	Syncrepha Millbury Hybrid	MA	62974	SYMIB	5.0	Solar Photovoltaic	SUN	PV	(U) Under construction, more than 50 percent complete	5.0
2021	9	62812	Syncrepha Tewksbury, LLC	IPP	Syncrepha Tewksbury Hybrid	MA	62968	SYTKS	2.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	2.8
2021	9	63470	Taos Mesa Energy Facility, LLC	IPP	Taos Mesa Energy Facility Hybrid	NM	63728	BESS	12.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	17.0
2021	9	63470	Taos Mesa Energy Facility, LLC	IPP	Taos Mesa Energy Facility Hybrid	NM	63728	TMEF1	15.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	15.0
2021	9	63412	Westmoreland County Solar Project, LLC	IPP	Westmoreland County Solar Project	VA	63696	WFS1	19.9	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	19.9
2021	10	61523	2750D time LLC	IPP	Gateway 1 Solar Farm	TX	61970	GSM01	250.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	250.0
2021	10	62794	AP Solar 2, LLC	IPP	Fighting Jays Solar Project	TX	62945	FJNSL	350.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	350.0
2021	10	61875	Antelope Expansion IB, LLC	IPP	Antelope Expansion IB	CA	62370	ANL1B	17.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	17.0
2021	10	15393	Aspenwind Renewables, LLC	IPP	Great Bear Solar, LLC	TX	64073	GBS	46.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	46.0
2021	10	62658	BMP Wind, LLC	IPP	BMP Wind (TX)	TX	62806	BMP	293.6	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	293.3
2021	10	56391	Chillico Wind Farm, LLC	IPP	Chillico Wind Farm	OK	58406	1	200.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	200.0
2021	10	62886	Clover Creek Solar, LLC	IPP	Clover Creek Solar	UT	63061	CLVR	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2021	10	61060	Cypress Creek Renewables, LLC	IPP	Bay Tree	NC	63976	959	70.1	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	70.1
2021	10	61810	Delaware River Solar, LLC	IPP	Route 5 & 20 Community Solar Farm	NY	62523	1093	2.3	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	2.3
2021	10	58901	Empire One Inc	IPP	Wapitiac Lake INC	NC	63667	WGL1	18.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals received. Not under construction	17.0
2021	10	61122	Great River Hydro, LLC	IPP	S C Moore	NH	2351	GLNS	4.0	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	4.0
2021	10	63579	Illinois Winds, LLC	IPP	Panther Creek Wind Project	IL	63907	WTFE	44.5	Onshore Wind Turbine	WIND	WT	(T) Regulatory approvals received. Not under construction	48.0
2021	10	60720	Marinistad Wind Farm, LLC	IPP	Marinistad Wind Farm	MI	61108	MTD	80.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	80.0
2021	10	62893	Milanti 1 Solar, LLC	IPP	Milanti South Solar Farm	HI	57242	1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	10	62780	RE Slate, LLC	IPP	Slate Hybrid	CA	63727	SLATE	300.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	300.0
2021	10	62780	RE Slate, LLC	IPP	Slate Hybrid	CA	63727	SLATE	300.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	315.0
2021	10	58901	Sustainable Hydro Blackdock, LLC	IPP	Blackdock Lock and Dam	PA	58941	SHD1	5.0	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	5.0
2021	10	62812	Syncrepha Tewksbury, LLC	IPP	Syncrepha Tewksbury Hybrid	MA	62968	SYTKB	2.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	2.0

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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)
2021	10	62813	Syncoflex Westminister, LLC	IPP	Syncoflex Westminister Hybrid	MA	62913	SYWLB	2	Batteries	MWH	BA	(U) Under construction, less than or equal to 50 percent complete	2.9
2021	10	61637	TUUSSO Energy, LLC	IPP	Camas Solar Project	WA	62071	CAMAS	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	10	61637	TUUSSO Energy, LLC	IPP	Camas Solar Project	WA	62070	CAMAS	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	10	61637	TUUSSO Energy, LLC	IPP	Pendleton Solar Project	WA	62069	PHNST	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	10	61637	TUUSSO Energy, LLC	IPP	Typha Solar Project	WA	62068	TYPHA	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	10	61637	TUUSSO Energy, LLC	IPP	Ureca Solar Project	WA	62067	URICA	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	10	59598	Toole Army Depot	IPP	Toole Army Depot	UT	59817	PV1	1	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	1.5
2021	10	59056	Ti Global Energy LLC	IPP	Water Valley Wind Energy	TX	62846	WWE1	150.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2021	11	15399	Avangrid Renewables LLC	IPP	Montague Solar	OR	63141	S1	160.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	160.0
2021	11	63699	BD Solar 2 LLC	IPP	Winslow PV, BD Solar 2 LLC	ME	64069	WINPV	7.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	7.0
2021	11	63700	BD Solar Ellsworth LLC	IPP	BD Solar Ellsworth LLC	ME	64070	ELLPV	7.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	7.0
2021	11	63698	BD Solar Hancock LLC	IPP	BD Solar Hancock LLC	ME	64068	HANPV	7.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	7.0
2021	11	63696	BD Solar Palmyra LLC	IPP	Palmyra PV, BD Solar Palmyra LLC	ME	64062	PALPV	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	11	62734	Blue Marmot IX LLC	IPP	Blue Marmot IX	OR	62867	DVRO	9.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2021	11	62735	Blue Marmot V LLC	IPP	Blue Marmot V	OR	62866	DMVE	9.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2021	11	62736	Blue Marmot VI LLC	IPP	Blue Marmot VI	OR	62865	DMVI	9.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2021	11	62737	Blue Marmot VII LLC	IPP	Blue Marmot VII	OR	62864	DMVII	9.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2021	11	62738	Blue Marmot VIII LLC	IPP	Blue Marmot VIII	OR	62863	DMVIII	9.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2021	11	63414	Cool Springs Solar, LLC	IPP	Cool Springs Solar (Hybrid)	GA	63721	CSOUL	213.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	213.0
2021	11	63414	Cool Springs Solar, LLC	IPP	Cool Springs Solar (Hybrid)	GA	63721	CSBAT	40.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	40.0
2021	11	6455	Duke Energy Florida, LLC	Electric Utility	Duette Solar Power Plant	FL	63978	PV1	74.8	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.8
2021	11	63416	Elexa Solar	IPP	Elexa Solar	IN	63719	ELV1	150.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	150.0
2021	11	65203	Engie North America	IPP	Iron Star Wind Project	KS	64093	WGT1	281.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	297.6
2021	11	6452	Florida Power & Light Co	Electric Utility	Minissee Solar Energy Center	FL	60014	BMS	409.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	409.0
2021	11	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	3	1,100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete	1,100.0
2021	11	63289	Key Capture Energy	IPP	NY2 Battery	NY	63584	NY2	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2021	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Bighorn Solar 1	CO	63770	COB1	240.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	240.0
2021	11	62843	Lightsource Renewable Energy Asset Management, LLC	IPP	Brar Creek Solar 1	TX	63789	TXBC1	127.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	127.0
2021	11	62842	Lightsource Renewable Energy Asset Management, LLC	IPP	Elm Branch Solar 1	TX	63754	TXB1	134.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	134.0
2021	11	60568	Lincoln Land Wind, LLC	IPP	Lincoln Land Wind	IL	58975	SAN1	30.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	30.0
2021	11	61762	Long Ridge Energy Generation LLC	IPP	Hannibal Port Power Project	OH	61322	HPP1	485.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	521.9
2021	11	55983	Luminant Generation Company LLC	IPP	Altra	TX	63193	UN1T1	222.8	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	222.8
2021	11	58159	Penn State University	Commercial	West Campus Sleem Plant	PA	58194	CT2	5.2	Natural Gas Fired Combustion Turbine	NG	GT	(U) Under construction, less than or equal to 50 percent complete	6.1
2021	11	63331	Poplar Camp Wind Farm, LLC	IPP	Poplar Camp Wind Farm	VA	61111	PC1	72.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	72.0
2021	11	50218	RWE Renewables Americas LLC	IPP	Hickory Park Solar Hybrid	GA	63522	HPBAT	40.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	40.0
2021	11	62315	RWE Renewables Americas LLC	IPP	Hickory Park Solar Hybrid	GA	63522	HPV1	155.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	195.0
2021	11	61516	Stratford Solar Center, LLC	IPP	Stratford Solar Center, LLC	VA	61988	STRAT	15.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	15.0
2021	11	63539	SunEast Fairway Solar, LLC	IPP	SunEast Fairway Solar Project	NY	63865	QFB48	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	11	63551	SunEast Flat Hill Solar, LLC	IPP	SunEast Flat Hill Solar Project	NY	63901	QFB55	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	11	63537	SunEast Grassy Knoll Solar, LLC	IPP	SunEast Grassy Knoll Solar Project	NY	63863	QFB85	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	11	63540	SunEast Highview Solar, LLC	IPP	SunEast Highview Solar Project	NY	63866	QFB91	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	11	63571	SunEast Hilltop Solar, LLC	IPP	SunEast Hilltop Solar Project	NY	63868	QFB07	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	11	63538	SunEast Limestone Solar, LLC	IPP	SunEast Limestone Solar Project	NY	63864	QFB06	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	11	63578	SunEast Manchester Solar, LLC	IPP	SunEast Manchester Solar Project	NY	64037	QFB13	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	11	63536	SunEast Valley Solar, LLC	IPP	SunEast Valley Solar Project	NY	63862	QFB28	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	11	62918	TPE Hopkins Solar Holdings1 LLC	IPP	Hopkins Hill CSG	RI	63136	HH1	4.8	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete	4.8
2021	11	18454	Tampa Electric Co	Electric Utility	Big Bend	FL	645	G15	360.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	392.0
2021	11	18454	Tampa Electric Co	Electric Utility	Big Bend	FL	645	G16	360.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated	392.0
2021	11	18454	Tampa Electric Co	Electric Utility	Mountain View Solar (FL)	FL	61654	GEN1	52.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	52.0
2021	11	60947	Tesla Inc.	Industrial	Tesla Reno Giga-factory	NV	64098	4	13.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	13.4
2021	11	60947	Tesla Inc.	Industrial	Tesla Reno Giga-factory	NV	64098	5	0.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	0.9
2021	11	60387	Townsite Solar, LLC	IPP	Townsite Solar Project Hybrid	NV	60654	GEN02	90.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	90.0
2021	12	61222	174 Power Global Corp	IPP	Gerduu	TX	63797	GER01	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2021	12	61477	325MK time LLC	IPP	Eagle Shadow Mountain Solar Farm	NV	61852	ESMSF	300.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2021	12	57416	Acciona Energy USA Global, LLC	IPP	High Point Solar, LLC	IL	63838	HPS	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2021	12	60496	Adaptive Renewables, Inc.	IPP	Schuster RI Solar, LLC	RI	61841	SC1U1	10.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	10.0
2021	12	62981	Aero Hawk Solar LLC	IPP	Aero Hawk Solar	NJ	63195	ACP3	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	12	60776	Aksent Resource Management	IPP	Milligan III Wind Farm	NE	61159	MB001	73.4	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	73.4
2021	12	59496	Allete Clean Energy	IPP	Coddo Wind	OK	64047	46002	303.8	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	303.8
2021	12	59495	Ameren Missouri	Electric Utility	Green City Renewable Energy Center Hybrid	MO	63065	GBESS	2.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	2.5
2021	12	59495	Ameren Missouri	Electric Utility	Green City Renewable Energy Center Hybrid	MO	63065	GCHEC	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
2021	12	59495	Ameren Missouri	Electric Utility	Richwoods Renewable Energy Center Hybrid	MO	63066	RRCSS	4.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	4.0
2021	12	59495	Ameren Missouri	Electric Utility	Richwoods Renewable Energy Center Hybrid	MO	63066	RREC	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
2021	12	59495	Ameren Missouri	Electric Utility	Ureca Renewable Energy Center Hybrid	MO	63067	URECS	2.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	2.0
2021	12	59495	Ameren Missouri	Electric Utility	Ureca Renewable Energy Center Hybrid	MO	63067	UREC	10.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	10.0
2021	12	59192	Amey Energy, LLC	IPP	Amey Energy, LLC	PA	59418	1	6.8	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	7.0
2021	12	59192	Amey Energy, LLC	IPP	Amey Energy, LLC	PA	59418	2	6.8	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	7.0
2021	12	59192	Amey Energy, LLC	IPP	Amey Energy, LLC	PA	59418	3	6.8	Natural Gas Internal Combustion Engine	NG	IC	(L) Regulatory approvals pending. Not under construction	7.0
2021	12	60927	Anchor Energy LLC	IPP	Anchor Energy	PA	61304	GEN1	4.2	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2021	12	60927	Anchor Energy LLC	IPP	Anchor Energy	PA	61304	GEN2	4.2	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2021	12	60927	Anchor Energy LLC	IPP	Anchor Energy	PA	61304	GEN3	4.2	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2021	12	60927	Anchor Energy LLC	IPP	Anchor Energy	PA	61304	GEN4	4.2	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2021	12	60927	Anchor Energy LLC	IPP	Anchor Energy	PA	61304	GEN5	4.2	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	4.4
2021	12	803	Arizona Public Service Co	Electric Utility	Cotton Center Solar Hybrid	AZ	57561	CC17M	17.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	17.0
2021	12	803	Arizona Public Service Co	Electric Utility	Desert Star Hybrid	AZ	82865	DS10M	10.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	10.0
2021	12	803	Arizona Public Service Co	Electric Utility	El Sol BEST	AZ	52964	ELSGM	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2021	12	803	Arizona Public Service Co	Electric Utility	Foothills Solar Plant Hybrid	AZ	57597	FSHBM	38.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	38.0
2021	12	803	Arizona Public Service Co	Electric Utility	Gila Bend Hybrid	AZ	59070	GR36M	36.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	36.0
2021	12	803	Arizona Public Service Co	Electric Utility	Hydr 11 Hybrid	AZ	88383	H214M	14.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	14.0
2021	12	803	Arizona Public Service Co	Electric Utility	Hydr 12 Hybrid	AZ	57563	H116M	16.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	16.0
2021	12	803	Arizona Public Service Co	Electric Utility	Palmira Solar Hybrid	AZ	57562	PA17M	17.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	17.0
2021	12	15399	Avangrid Renewables LLC	IPP	Bakewell Solar	OR	63587	BOS1	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2021	12	15399	Avangrid Renewables LLC	IPP	Golden Hill Wind	OR	63710	GHI1	250.0	Onshore Wind Turbine	WND	WT	(T) Regulatory approvals received. Not under construction	250.0
2021	12	15399	Avangrid Renewables LLC	IPP	Lund Hill Solar	WA	63509	LHST1	150.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	150.0

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Table 8.5. 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	Prime Mover Code	Status	Nameplate Capacity (MW)
2021	12	63691	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
2021	12	63701	BD Solar Lewiston Junction LLC	IPP	Lewiston Jn PV - BD Solar Lewiston Jn LLC	ME	64071	LJNPV	5.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	5.0
2021	12	66613	Bayliner e-Solar Projects LLC	IPP	Black Bear Solar LLC	KY	62131	BBE10	80.0	KY Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2021	12	62708	Black Bear Wind LLC	IPP	Black Bear Wind (M1)	MT	67808	BBW	80.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	80.0
2021	12	62713	Buenos Aires Windpower LLC	IPP	Buenos Aires Phase 1	TX	62803	BAW1	200.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2021	12	63221	CD4	IPP	CD4	CA	63480	OEC1	17.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	25.0
2021	12	58416	California State University, Northridge	Commercial	CSU Northridge Plant	CA	58422	GGPV	0.7	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	0.8
2021	12	58508	Carolina Solar Energy LLC	IPP	Carabass Solar	NC	60430	CPV1	4.2	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	4.2
2021	12	58508	Carolina Solar Energy LLC	IPP	Sellers Farm Solar	NC	60439	SPV1	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	12	56709	Consolidated Edison Development Inc.	IPP	Bette Mountain Solar Project	NY	61098	MBSP	101.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	101.0
2021	12	62888	Duke Power LLC	IPP	John Paul Jones	TX	63095	JPJ03	18.7	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated	18.7
2021	12	63578	Dodge Flat Solar LLC	IPP	Dodge Flat	NV	63913	DDGDE	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2021	12	62911	Drew Solar LLC	IPP	Drew Solar LLC	CA	63127	DS	100.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	100.0
2021	12	6455	Duke Energy Florida LLC	Electric Utility	Charlie Creek Solar Power Plant	FL	63582	PV1	74.9	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	74.9
2021	12	61783	EDP Renewables North America LLC	IPP	Saddle Mountain East Wind Farm	WA	62263	GEN1	176.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	126.0
2021	12	58970	Ecoplus, Inc.	IPP	East Nash PV2	NC	63139	ENS02	26.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	26.0
2021	12	58970	Ecoplus, Inc.	IPP	Grifton PV2	NC	63568	GRF12	56.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	56.0
2021	12	63559	Edmondson Ranch Wind LLC	IPP	Edmondson Ranch Wind LLC	TX	63890	LRWE	293.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	293.0
2021	12	59380	Enel Green Power NA, Inc.	IPP	Ponchartré Energy Storage LLC	CA	61390	PMRDS	6.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	6.0
2021	12	59497	Eversource	IPP	Martin's Vineyard Community Battery	MA	62605	MVSS	4.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	4.9
2021	12	60088	FGE Goodnight LLC	IPP	Goodnight	TX	58246	GOOD1	500.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	500.0
2021	12	56013	First Solar Project Development	IPP	White Wing Solar	AZ	60572	GEN1	200.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	200.0
2021	12	63343	Friedberg Community Solar LLC	IPP	Friedberg Community Solar LLC	CA	63640	FC1	1.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	1.0
2021	12	62130	Foundation CA Fund X Manager LLC	IPP	Foundation Doka Fresh Vegetables	CA	62654	WTG1	2.8	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	2.8
2021	12	62130	Foundation CA Fund X Manager LLC	IPP	Foundation Doka Fresh Vegetables	CA	62654	WTG2	2.8	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	2.8
2021	12	61944	GSRP	IPP	Dry Bridge Solar (Brown University)	RI	62711	DBS1	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2021	12	61944	GSRP	IPP	Dry Bridge Solar (Brown University)	RI	62711	DBS2	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2021	12	61944	GSRP	IPP	Dry Bridge Solar (Brown University)	RI	62711	DBS3	10.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	10.0
2021	12	62758	Geromino Energy	IPP	Elk Creek Solar	NY	63250	ELKCR	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2021	12	62758	Geromino Energy	IPP	Prarie Wolf Solar LLC	IL	62893	PWOLF	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	200.0
2021	12	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	W11	2.4	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2021	12	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	W13	2.4	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2021	12	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	W14	2.4	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2021	12	61166	Green Power Energy LLC	IPP	Cody Road Wind Farm	NY	61592	W15	2.4	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	2.4
2021	12	62704	Gulizy Wind LLC	IPP	Gulizy Wind LLC	MT	62802	GWH	80.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	80.0
2021	12	63553	Haymaker Energy Project LLC	IPP	Haymaker Hybrid	MT	63878	MBESS	200.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2021	12	62153	Hecate Energy Highland LLC	IPP	Hecate Energy Highland LLC	OH	62670	HIGHL	300.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	300.0
2021	12	62765	High Bridge Wind Project	IPP	High Bridge Wind Project	NY	62894	WT	100.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	100.0
2021	12	63497	Highest Power Solar LLC	IPP	Highest Power Solar LLC	NC	61812	PGR31	48.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	48.7
2021	12	48993	Inventory Services LLC	IPP	Ale Calt Wind Energy LLC	NY	62954	GCN1	340.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	340.0
2021	12	48993	Inventory Services LLC	IPP	Channing Winds	TX	59243	CHANI	288.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	288.0
2021	12	48993	Inventory Services LLC	IPP	Hershe Solar Energy	NY	63096	GEN1	180.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	180.0
2021	12	48993	Inventory Services LLC	IPP	Yum Yum Solar LLC	TN	63076	GEN1	147.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	147.0
2021	12	62912	Iris Solar LLC	IPP	Iris Solar LLC	LA	63128	ISLCC	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2021	12	58378	Jordan Hydroelectric LTD PTP	IPP	Flannegan Hydroelectric Project	VA	58827	LCF1	0.4	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.4
2021	12	58378	Jordan Hydroelectric LTD PTP	IPP	Flannegan Hydroelectric Project	VA	58827	LEF11	0.4	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.4
2021	12	58378	Jordan Hydroelectric LTD PTP	IPP	Flannegan Hydroelectric Project	VA	58827	LEF12	0.4	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.4
2021	12	58378	Jordan Hydroelectric LTD PTP	IPP	Flannegan Hydroelectric Project	VA	58827	RGH1	0.4	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.4
2021	12	63552	Key Capture Energy	IPP	TX17 Nickel Phase Storage	TX	63580	TX17	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2021	12	63107	Lansing Renewables LLC	IPP	Lansing Renewables LLC	NY	63337	6004	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	5.0
2021	12	61421	LeGore Bridge Solar Center LLC	IPP	LeGore Bridge Solar Center	MD	61796	LGBCS	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	12	63496	Lick Creek Solar LLC	IPP	Lick Creek Solar LLC	NC	63811	PLGR27	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	50.0
2021	12	67842	Lightsource Renewable Energy Asset Management, LLC	IPP	ER Hill Solar 1	PA	63173	PAEH1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2021	12	62664	Lock 14 Hydro Partners LLC	IPP	Hedderberg Hydroelectric Project	KY	62749	1	0.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	0.5
2021	12	62664	Lock 14 Hydro Partners LLC	IPP	Hedderberg Hydroelectric Project	KY	62749	2	0.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	0.5
2021	12	62664	Lock 14 Hydro Partners LLC	IPP	Hedderberg Hydroelectric Project	KY	62749	3	0.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	0.5
2021	12	62664	Lock 14 Hydro Partners LLC	IPP	Hedderberg Hydroelectric Project	KY	62749	4	0.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	0.5
2021	12	62664	Lock 14 Hydro Partners LLC	IPP	Hedderberg Hydroelectric Project	KY	62749	5	0.5	Conventional Hydroelectric	WAT	HY	(T) Regulatory approvals received. Not under construction	0.5
2021	12	63658	Long Beach Ingen LLC	IPP	Toyota Long Beach Ingen	CA	64005	MMR1	2.0	Other Waste Biomass	OBG	FC	(L) Regulatory approvals pending. Not under construction	2.6
2021	12	63451	Madroa Grid LLC	IPP	Madroa Grid	TX	63757	MAD01	200.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	200.0
2021	12	58783	Marselles Land and Water Company	IPP	Marselles 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
2021	12	58783	Marselles Land and Water Company	IPP	Marselles 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
2021	12	58783	Marselles Land and Water Company	IPP	Marselles 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
2021	12	58783	Marselles Land and Water Company	IPP	Marselles Lock and Dam Hydro	IL	58903	UNIT4	2.6	Conventional Hydroelectric	WAT	HY	(U) Under construction, less than or equal to 50 percent complete	2.6
2021	12	61231	Maverick Wind Project LLC	IPP	Maverick Wind Project LLC	OK	63494	GEN1	288.0	Onshore Wind Turbine	WIND	WT	(U) Under construction, less than or equal to 50 percent complete	288.0
2021	12	62676	Mohern Solar LLC	IPP	Mohern Solar	VA	62758	MEHER	59.6	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	59.6
2021	12	61459	Musco Wind V. LLC	IPP	Musco Wind V. LLC	OK	61837	MV	220.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	220.0
2021	12	60227	North Slope LLC	IPP	Old Jackson Solar LLC	NY	60470	NSPV	200.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	200.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV1	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV2	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV3	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV4	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV5	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV6	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV7	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV8	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV9	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV10	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV11	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV12	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV13	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV14	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV15	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV16	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV17	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV18	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV19	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV20	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV21	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116	North Valley	IPP	North Valley	TX	63481	NEV22	25.0	Geothermal	GEO	GT	(L) Regulatory approvals pending. Not under construction	37.0
2021	12	63116</												

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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)
2021	12	6215	RWE Renewables Americas LLC	IPP	Blackjack Creek Wind Farm	TX	62783	BLKJK	239.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction.	239.0
2021	12	6215	RWE Renewables Americas LLC	IPP	Backeye Wind Farm	OH	58716	1	99.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction.	99.0
2021	12	6215	RWE Renewables Americas LLC	IPP	Miner Ocean Wind Farm	PA	62313	1	79.0	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction.	79.0
2021	12	61784	Rolling Upland Wind Farm LLC	IPP	Rolling Upland Wind Farm LLC	NY	62702	GEN1	60.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated.	60.0
2021	12	62890	Rooney Ranch LLC	IPP	Rooney Ranch	CA	63088	ROONR	21.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated.	21.0
2021	12	63714	Route 66 Energy Center LLC	IPP	Route 66 Energy Center LLC	NM	64076	RTE66	49.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated.	49.0
2021	12	62983	SE Allios I LLC	IPP	Allios Solar Project	CA	63300	IPAT1	250.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction.	250.0
2021	12	61900	SR Aviation LLC	IPP	SR Aviation I	GA	62436	ARL1	20.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction.	20.0
2021	12	62907	Sand Hill A LLC	IPP	Sand Hill A	CA	63126	SNDA	13.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated.	13.0
2021	12	62908	Sand Hill B LLC	IPP	Sand Hill B	CA	63652	SNDB	17.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated.	17.0
2021	12	62909	Sand Hill C LLC	IPP	Sand Hill C	CA	63663	SNDC	80.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated.	80.0
2021	12	62109	Searcy Solar, LLC	IPP	Searcy Solar Hybrid	AR	62617	SLAB1	10.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated.	10.0
2021	12	62109	Searcy Solar, LLC	IPP	Searcy Solar Hybrid	AR	62617	SEARC	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated.	100.0
2021	12	62152	Skippack Solar Center, I LLC	IPP	Skippack Solar Center	VA	62675	SKJP1	175.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated.	175.0
2021	12	60573	Springfield Project Development LLC	IPP	Homestead Wind LLC	IL	63071	HOME5	60.0	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated.	60.0
2021	12	62748	St. James Solar, LLC	IPP	St. James Solar (LA)	LA	62854	SJS	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction.	20.0
2021	12	63718	Sunflower County Solar Project LLC	IPP	Sunflower County	MS	64081	SUNFL	100.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction.	100.0
2021	12	63140	Three Rivers Solar Power LLC	IPP	Three Rivers Solar Power LLC	ME	63386	3RIV5	100.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete.	100.0
2021	12	60387	Townsite Solar, LLC	IPP	Townsite Solar Project Hybrid	NV	60654	GEN01	160.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction.	160.0
2021	12	60094	Washburn Wind Energy LLC	IPP	Washburn Wind Farm	IA	61071	WASH1	70.0	Onshore Wind Turbine	WND	WT	(U) Under construction, less than or equal to 50 percent complete.	70.0
2021	12	60841	West Fork Wind, LLC	IPP	West Fork Wind	IN	61214	WT1	150.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction.	150.0
2021	12	63492	West River Solar, LLC	IPP	West River Solar, LLC	NC	63906	WRGR	4.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction.	4.0
2021	12	63648	Whetstone Wind Energy, LLC	IPP	Whetstone Hybrid	OR	62745	WHRY	30.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction.	30.0
2021	12	62668	Whetstone Wind Energy, LLC	IPP	Whetstone Hybrid	OR	62745	SOLAR	50.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction.	50.0
2021	12	58761	White Camp Solar LLC	IPP	White Camp Solar	TX	58888	WCAMP	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated.	100.0
2021	12	60519	Williams Solar, LLC	IPP	Williams Solar, LLC	TX	60559	PV1	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated.	20.0
2021	12	63776	Woodlarks Solar, LLC	IPP	Woodlarks Solar	SC	63552	PGR21	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals received. Not under construction.	2.0
2021	12	60937	Wrighter Energy LLC	IPP	Wrighter Energy	PA	61302	GEN1	4.0	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated.	4.4
2021	12	60937	Wrighter Energy LLC	IPP	Wrighter Energy	PA	61302	GEN2	4.0	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated.	4.4
2021	12	60937	Wrighter Energy LLC	IPP	Wrighter Energy	PA	61302	GEN3	4.0	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated.	4.4
2021	12	60937	Wrighter Energy LLC	IPP	Wrighter Energy	PA	61302	GEN4	4.0	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated.	4.4
2021	12	60937	Wrighter Energy LLC	IPP	Wrighter Energy	PA	61302	GEN5	4.0	Natural Gas Internal Combustion Engine	NG	IC	(P) Planned for installation, but regulatory approvals not initiated.	4.4
2022	1	14605	City of Peabody (MA)	Electric Utility	Waters River	MA	1678	3	55.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated.	60.0
2022	1	61060	Cypress Creek Renewables	IPP	Thilgen Farms Solar LLC	NC	60850	PV1	5.0	Solar Photovoltaic	SUN	PV	(O1) Other	5.0
2022	1	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	CA1	249.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction.	249.0
2022	1	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	G11	236.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals received. Not under construction.	236.0
2022	1	58765	FGE Texas I LLC	IPP	FGE Texas I	TX	58931	G12	226.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals received. Not under construction.	236.0
2022	1	60971	NYC ENERGY LLC	IPP	NISA Electric Generation Project	NY	61331	GEN1	59.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction.	70.5
2022	1	60971	NYC ENERGY LLC	IPP	NISA Electric Generation Project	NY	61331	STG1	20.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction.	22.0
2022	1	63502	Pavlin Solar, LLC	IPP	Pavlin Solar	NC	63827	95	50.0	Solar Photovoltaic	SUN	PV	(V) Under construction, more than 50 percent complete.	50.0
2022	1	60473	Renovo Energy Center	IPP	Renovo Energy Center	PA	60786	RECNV	480.0	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals pending. Not under construction.	513.0
2022	1	60473	Renovo Energy Center	IPP	Renovo Energy Center	PA	60786	RECJ1	480.0	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals pending. Not under construction.	513.0
2022	1	63813	Synagraha Westminster, LLC	IPP	Synagraha Westminster Hybrid	MA	62971	SYWES	4.0	Solar Photovoltaic	SUN	PV	(U) Under construction, more than 50 percent complete.	4.0
2022	2	55893	Lumiant Generation Company LLC	IPP	Jayhawk	TX	59906	SOLAR	101.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction.	101.0
2022	2	63612	Pargumans Solar LLC	IPP	Pargumans Solar LLC	NC	63955	PER00	5.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction.	5.0
2022	2	6775	Village of Freeport (NY)	Electric Utility	Plant No 1 Freeport	NY	2678	ENG13	3.0	Landfill Gas	WAT	LG	(L) Regulatory approvals pending. Not under construction.	3.0
2022	3	63722	Alia Farms II Wind Project, LLC	IPP	Alia Farms II Wind Project, LLC	IL	64088	WT2	200.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated.	200.0
2022	3	63677	Codon Energy New Kent, LLC	IPP	Codon Energy New Kent, LLC	VA	64036	ENX08	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction.	20.0
2022	3	62050	Castleman Power Development LLC	IPP	Palestine Power Peaking Facility	TX	62684	PP1	50.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated.	50.0
2022	3	62050	Castleman Power Development LLC	IPP	Palestine Power Peaking Facility	TX	62684	PP2	50.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated.	50.0
2022	3	62050	Castleman Power Development LLC	IPP	Palestine Power Peaking Facility	TX	62684	PP3	50.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated.	50.0
2022	3	62050	Castleman Power Development LLC	IPP	Palestine Power Peaking Facility	TX	62684	PP4	50.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated.	50.0
2022	3	62050	Castleman Power Development LLC	IPP	Palestine Power Peaking Facility	TX	62684	SP1	50.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated.	50.0
2022	3	62050	Castleman Power Development LLC	IPP	Palestine Power Peaking Facility	TX	62684	SP2	50.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated.	50.0
2022	3	62050	Castleman Power Development LLC	IPP	Palestine Power Peaking Facility	TX	62684	SP3	50.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated.	50.0
2022	3	62050	Castleman Power Development LLC	IPP	Palestine Power Peaking Facility	TX	62684	SP4	50.0	Natural Gas Fired Combustion Turbine	NG	GT	(P) Planned for installation, but regulatory approvals not initiated.	50.0
2022	3	60718	Energy Resources USA, Inc.	IPP	Tom Bewell Lock and Dam Hydroelectric	AL	61749	GEN1	4.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated.	4.0
2022	3	60718	Energy Resources USA, Inc.	IPP	Tom Bewell Lock and Dam Hydroelectric	AL	61749	GEN2	4.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated.	4.0
2022	3	60718	Energy Resources USA, Inc.	IPP	Tom Bewell Lock and Dam Hydroelectric	AL	61749	GEN3	4.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated.	4.0
2022	3	61395	Indeck Niles, LLC	IPP	Indeck Niles Energy Center	MI	55460	CT1	370.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete.	370.0
2022	3	61395	Indeck Niles, LLC	IPP	Indeck Niles Energy Center	MI	55460	C12	370.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete.	370.0
2022	3	61395	Indeck Niles, LLC	IPP	Indeck Niles Energy Center	MI	55460	S11	368.0	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete.	368.0
2022	3	63557	Key Capture Energy	IPP	TYX Cottage Meadow Storage	TX	63079	TYX18	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated.	100.0
2022	3	59137	Palma Renewable Energy	IPP	Palma Renewable Energy	MA	59336	PRE	42.0	Wood/Wood Waste Biomass	WDS	ST	(T) Regulatory approvals received. Not under construction.	42.0
2022	4	63118	224WB Bme LLC	IPP	Gulnerv 2 Solar Farm	TX	63343	GS25F	110.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated.	110.0
2022	4	61575	23TRC Bme LLC	IPP	Norton Solar Farm	TX	61967	NSM01	125.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated.	125.0
2022	4	57410	Acciona Energy USA Global, LLC	IPP	El Bend Solar LLC	TX	63985	FBS	240.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction.	240.0
2022	4	60167	Concord Blue Eagle, LLC	IPP	Concord Blue Eagle, LLC	AZ	60374	CB001	0.6	Other Waste Biomass	OBG	IC	(L) Regulatory approvals pending. Not under construction.	0.6
2022	4	60167	Concord Blue Eagle, LLC	IPP	Concord Blue Eagle, LLC	AZ	60374	CB002	0.6	Other Waste Biomass	OBG	IC	(L) Regulatory approvals pending. Not under construction.	0.6
2022	4	5109	DTE Electric Company	Electric Utility	Blue Water Energy Center	MI	62192	11	359.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete.	394.4
2022	4	5109	DTE Electric Company	Electric Utility	Blue Water Energy Center	MI	62192	12	359.0	Natural Gas Fired Combined Cycle	NG	CT	(U) Under construction, less than or equal to 50 percent complete.	394.4
2022	4	5109	DTE Electric Company	Electric Utility	Blue Water Energy Center	MI	62192	15	428.0	Natural Gas Fired Combined Cycle	NG	CA	(U) Under construction, less than or equal to 50 percent complete.	478.6
2022	4	67781	Jackson Generation, LLC	IPP	Jackson Generation, LLC	IL	62926	01	600.0	Natural Gas Fired Combined Cycle	NG	CS	(T) Regulatory approvals received. Not under construction.	600.0
2022	4	62787	Jackson Generation, LLC	IPP	Jackson Generation, LLC	IL	62926	02	600.0	Natural Gas Fired Combined Cycle	NG	CS	(T) Regulatory approvals received. Not under construction.	600.0
2022	4	63426	RE Brawspott LLC	IPP	RE Brawspott LLC	TX	63730	BVPS1	200.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction.	200.0
2022	4	62863	SE Ashlar, LLC	IPP	Allies Solar Project	CA	63306	IPAT2	250.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction.	250.0
2022	4	68460	Southland Renewable Fuels, LLC	Industrial	Ster-Pac Processing Facility	FL	58927	G1001	12.0	Wood/Wood Waste Biomass	WDS	ST	(U) Under construction, less than or equal to 50 percent complete.	20.0
2022	4	62935	TREX US Green Holly LLC	IPP	TREX US Green Holly	TX	63291	705	400.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction.	400.0
2022	4	62935	TREX US Green Holly LLC	IPP	TREX US Green Holly	TX	63291	705.5	5.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction.	5.0
2022	5	15399	Avangrid Renewables LLC	IPP	Camino Solar	CA	63506	CS1	44.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated.	44.0
2022	5	15399	Avangrid Renewables LLC	IPP	Camino Solar	CA	63506	CS2	11.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated.	11.0
2022	5	58056	Tri Global Energy LLC	IPP	Canyon Wind Project	TX	60271	WT1	260.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated.	260.0
2022	6	61641	NEM Solar, LLC	IPP	NEM Solar	SC	61836	2	2.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals received. Not under construction.	2.0
2022	6	61222	774 Power Global Corp	IPP	Kapahu	HI	63799	KUP01	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated.	60.0

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Table 6.5 Planned U.S. Electric Generating Unit Additions

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source	Prime Mover Code	Status	Nameplate Capacity (MW)
2022	6	61222	174 Power Global Corp	IPP	Kupukua	HI	63799	60	0 Batteries	MWH	BA	(P) Planned for installation but regulatory approvals not initiated	60
2022	6	62921	Arroyo Solar LLC	IPP	Arroyo Solar Energy Storage Hybrid	NM	63172	42	0 Solar Photovoltaic	MWH	BA	(P) Planned for installation but regulatory approvals not initiated	42
2022	6	62921	Arroyo Solar LLC	IPP	Arroyo Solar Energy Storage Hybrid	NM	63172	300	0 Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	300
2022	6	61711	Ashley Solar (SC)	IPP	Ashley Solar (SC)	SC	62179	21	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61712	Atlantic Solar	IPP	Atlantic Solar	SC	62180	22	1 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	1
2022	6	61713	B & K Solar	IPP	B & K Solar	SC	62181	23	63 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	63
2022	6	61544	Bari Solar, LLC	IPP	Bari Solar	SC	61938	4	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61714	Battle Solar	IPP	Battle Solar	SC	62182	24	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61715	Bell Solar	IPP	Bell Solar	SC	62183	25	61 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	61
2022	6	61716	Big Fork Solar	IPP	Big Fork Solar	SC	62184	26	74 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	74
2022	6	61717	Birch Solar	IPP	Birch Solar	SC	62185	27	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61519	Blackville Solar Farm LLC	IPP	Blackville Solar Farm LLC	SC	61918	1	7 Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	7
2022	6	63575	Bluegrass Solar, LLC	IPP	Bluegrass Solar	MD	63910	80	0 Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending Not under construction	80
2022	6	62920	Cabin Point Solar Center LLC	IPP	Cabin Point Solar Center	VA	63134	CBPPT	75 Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	75
2022	6	60395	California Eband Power LLC	Industrial	CE&P Imperial Valley I	CA	60670	30	0 Other	OTH	CC	(T) Regulatory approvals received Not under construction	30
2022	6	61718	Chapman Solar	IPP	Chapman Solar	SC	62186	28	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	60270	Clark Canyon Hydro LLC	IPP	Clark Canyon Hydro Electric Facility	MT	60483	FRNS1	2.4 Conventional Hydroelectric	WAT	HY	(P) Planned for installation but regulatory approvals not initiated	2.4
2022	6	60270	Clark Canyon Hydro LLC	IPP	Clark Canyon Hydro Electric Facility	MT	60483	FRNS2	2.4 Conventional Hydroelectric	WAT	HY	(P) Planned for installation but regulatory approvals not initiated	2.4
2022	6	61719	Clark Solar	IPP	Clark Solar	SC	62187	29	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61720	Collier Solar	IPP	Collier Solar	SC	62188	30	75 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	75
2022	6	61721	Collier Farm Solar	IPP	Collier Farm Solar	SC	62189	31	5 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	5
2022	6	61722	Crescent Solar	IPP	Crescent Solar	SC	62190	32	67 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	67
2022	6	61729	Cutepipe Solar	IPP	Cutepipe Solar	SC	62221	33	69 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	69
2022	6	61730	Dadswell Solar	IPP	Dadswell Solar	SC	62222	34	10 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	1
2022	6	63556	Deliah Solar Energy II LLC	IPP	Deliah Solar Energy II LLC	TX	63884	GLN1	300 Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	300
2022	6	61731	Denmark Solar	IPP	Denmark Solar	SC	62211	35	6 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	6
2022	6	61732	Fairfield Solar	IPP	Fairfield Solar	SC	62212	36	10 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	10
2022	6	61733	Fishwater Solar	IPP	Fishwater Solar	SC	62213	37	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	6452	Florida Power & Light Co	Electric Utility	Lauderdale	FL	613	70121	385 Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received Not under construction	385
2022	6	6452	Florida Power & Light Co	Electric Utility	Lauderdale	FL	613	70122	385 Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received Not under construction	385
2022	6	6452	Florida Power & Light Co	Electric Utility	Lauderdale	FL	613	S17	391 Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received Not under construction	391
2022	6	61735	Foreman Solar	IPP	Foreman Solar	SC	62215	39	6 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	6
2022	6	63524	Freemont Commodities LLC	IPP	Freemont Solar	DC	63846	RACE	50 Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	50
2022	6	61737	GEB Solar II	IPP	GEB Solar	SC	62217	40	60 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	60
2022	6	61738	Godschalk Solar II	IPP	Godschalk Solar II	SC	62218	42	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	63474	Hacate Energy Gateway Hill LLC	IPP	Hacate Energy Gateway Hill	WY	63815	GLN1	20 Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	20
2022	6	63437	Helena Wind, LLC	IPP	Helena Wind	TX	63738	HLL	250 Onshore Wind Turbine	WRD	WT	(L) Regulatory approvals pending Not under construction	250
2022	6	61746	Holiday Solar I	IPP	Holiday Solar I	SC	62229	43	75 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	75
2022	6	61749	Jackson Solar	IPP	Jackson Solar	SC	62232	46	14 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	14
2022	6	61750	Jefferson Solar	IPP	Jefferson Solar	SC	62233	47	8 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	8
2022	6	61751	Juniper Solar	IPP	Juniper Solar	SC	62234	48	65 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	65
2022	6	61752	Lone Star Solar	IPP	Lone Star Solar	SC	62235	49	66 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	66
2022	6	61753	Lux Solar	IPP	Lux Solar	SC	62236	50	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61755	Marshall Solar	IPP	Marshall Solar	SC	62238	52	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61796	Martin Central Solar	IPP	Martin Central Solar	SC	62265	53	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61797	Martin East Solar	IPP	Martin East Solar	SC	62270	54	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61798	Martin West Solar	IPP	Martin West Solar	SC	62277	55	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61789	McClain Solar	IPP	McClain Solar	SC	62278	56	17 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	17
2022	6	61790	McCormick Solar	IPP	McCormick Solar	SC	62279	57	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61791	Melcom Solar	IPP	Melcom Solar	SC	62280	58	60 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	60
2022	6	61792	Middletown Solar	IPP	Middletown Solar	SC	62281	59	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61793	Pee Dee Solar I	IPP	Pee Dee Solar I	SC	62282	60	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61794	Pee Dee Solar II	IPP	Pee Dee Solar II	SC	62283	61	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61795	Power Solar	IPP	Power Solar	SC	62284	62	3 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	3
2022	6	61804	Pruger Solar I	IPP	Pruger Solar I	SC	62292	63	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61805	Pruger Solar II	IPP	Pruger Solar II	SC	62293	64	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61806	Pruger Solar III	IPP	Pruger Solar III	SC	62294	65	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	15473	Public Service Co of NM	Electric Utility	Pinnon Energy Center	NM	63281	G11	42 Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending Not under construction	41.8
2022	6	15473	Public Service Co of NM	Electric Utility	Pinnon Energy Center	NM	63281	G12	42 Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending Not under construction	41.8
2022	6	15473	Public Service Co of NM	Electric Utility	Pinnon Energy Center	NM	63281	G13	42 Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending Not under construction	41.8
2022	6	15473	Public Service Co of NM	Electric Utility	Pinnon Energy Center	NM	63281	G14	42 Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending Not under construction	41.8
2022	6	15473	Public Service Co of NM	Electric Utility	Pinnon Energy Center	NM	63281	G15	42 Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending Not under construction	41.8
2022	6	15473	Public Service Co of NM	Electric Utility	Pinnon Energy Center	NM	63281	G16	42 Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending Not under construction	41.8
2022	6	15473	Public Service Co of NM	Electric Utility	Pinnon Energy Center	NM	63281	G17	42 Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending Not under construction	41.8
2022	6	61807	Quest Solar	IPP	Quest Solar	SC	62298	66	40 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	40
2022	6	62694	Rappahannock Solar, LLC	IPP	Rappahannock Solar, LLC	VA	62760	100	1 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	1
2022	6	54866	Robinson Power Company LLC	IPP	Robinson Power Company LLC	PA	56453	CTG1	950 Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending Not under construction	1,022.9
2022	6	61808	Rollins Solar	IPP	Rollins Solar	SC	62295	67	63 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	63
2022	6	61809	Ross Solar	IPP	Ross Solar	SC	62296	68	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61810	Rutledge Solar	IPP	Rutledge Solar	SC	62297	69	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61814	Sandler Solar	IPP	Sandler Solar	SC	62298	70	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61826	Scarlet Solar	IPP	Scarlet Solar	SC	62307	71	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61829	Shem Solar	IPP	Shem Solar	SC	62308	72	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61830	Shining Sun Solar	IPP	Shining Sun Solar	SC	62309	73	40 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	40
2022	6	61831	Shorthorn Solar	IPP	Shorthorn Solar	SC	62310	74	60 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	60
2022	6	61832	Stoney Solar	IPP	Stoney Solar	SC	62311	75	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61833	Southard Solar	IPP	Southard Solar	SC	62312	76	6 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	6
2022	6	63515	Sparta Solar, LLC	IPP	Sparta Solar	TX	63840	11111	250 Solar Photovoltaic	SUN	PV	(P) Planned for installation but regulatory approvals not initiated	250
2022	6	57109	St. Joseph Energy Center LLC	IPP	St. Joseph Energy Center	IN	57794	C14	237 Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received Not under construction	238
2022	6	61834	Stoney Solar	IPP	Stoney Solar	SC	62313	77	1 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61835	Tarpon Solar I	IPP	Tarpon Solar I	SC	62314	78	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61836	Tender Solar	IPP	Tender Solar	SC	62315	79	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61837	Ten Cowetas Solar	IPP	Ten Cowetas Solar	SC	62316	80	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2
2022	6	61862	Thomas Solar	IPP	Thomas Solar	SC	62352	81	2 Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received Not under construction	2

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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)
2022	6	61861	Topaz Solar	IPP	Topaz Solar (SC)	SC	62349	82	2.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	2.0
2022	6	61862	Trask East Solar	IPP	Trask East Solar	SC	62346	83	12.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	12.0
2022	6	60668	NI Global Energy LLC	IPP	Crow Renewable Energy Project LLC	TX	60273	WT1	300.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	300.0
2022	6	60666	NI Global Energy LLC	IPP	Crow County Wind Farm, LLC	TX	60275	WT1	120.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	120.0
2022	6	61859	Ulmer Solar	IPP	Ulmer Solar	SC	62343	85	22.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	22.0
2022	6	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
2022	6	61868	WSW Solar	IPP	WSW Solar	SC	62350	86	10.8	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	10.8
2022	6	61863	Washington Solar (SC)	IPP	Washington Solar (SC)	SC	62342	87	2.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	2.0
2022	6	61864	Washington Solar II (SC)	IPP	Washington Solar II (SC)	SC	62344	88	2.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	2.0
2022	6	61865	Wayfar Solar	IPP	Wayfar Solar	SC	62345	89	2.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	2.0
2022	6	61866	Weaver Solar	IPP	Weaver Solar	SC	62347	90	2.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	2.0
2022	6	63525	Westlands Solar Blue LLC	IPP	Solar Blue	CA	63048	SBUL	250.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	250.0
2022	6	61869	Wysong Solar	IPP	Wysong Solar	SC	62351	92	2.3	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	2.3
2022	6	61870	Yemassee Solar	IPP	Yemassee Solar	SC	62353	93	10.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	10.0
2022	6	61871	York Solar	IPP	York Solar	SC	62354	94	2.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	2.0
2022	7	60146	Ameresco Federal Solutions	IPP	Fort Bragg Camp Mackall PV BESS System	NC	64050	CMAB5	2.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	2.0
2022	7	60146	Ameresco Federal Solutions	IPP	Fort Bragg Camp Mackall PV BESS System	NC	64050	CMAPV	1.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	1.0
2022	7	49893	Inveneyr Services LLC	IPP	Dhrish Solar Energy LLC	TX	63194	GEN1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2022	7	62847	Lightsource Renewable Energy Asset Management LLC	IPP	Blackbear Solar 1	AI	63765	ALBB1	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2022	7	62938	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
2022	8	60796	91MG Bme LLC	IPP	Araina Solar Center 1 Hybrid	CA	61167	91MCB	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2022	8	60796	91MG Bme LLC	IPP	Araina Solar Center 1 Hybrid	CA	61167	BE55	50.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	50.0
2022	8	62806	Guernsey Power Station LLC	IPP	Guernsey Power Station	OH	62949	GPS1	612.0	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals pending. Not under construction	612.0
2022	9	62486	Guernsey Power Station LLC	IPP	Norco Solar Farm	VA	64096	NORR	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2022	9	62806	Guernsey Power Station LLC	IPP	Guernsey Power Station	OH	62949	GPS2	612.0	Natural Gas Fired Combined Cycle	NG	CS	(1) Regulatory approvals pending. Not under construction	612.0
2022	9	63416	Ho Ohana Solar 1 LLC	IPP	Ho Ohana Solar 1	HI	63723	H0001	52.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	52.0
2022	9	63416	Ho Ohana Solar 1 LLC	IPP	Ho Ohana Solar 1	HI	63723	HES51	52.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	52.0
2022	9	63636	Homestead Fuel Cell 1 LLC	IPP	Homestead Fuel Cell	CT	63980	MM50	2.8	Other Natural Gas	NG	FC	(P) Planned for installation, but regulatory approvals not initiated	2.8
2022	9	63636	Homestead Fuel Cell 1 LLC	IPP	Homestead Fuel Cell	CT	63980	MM51	2.8	Other Natural Gas	NG	FC	(P) Planned for installation, but regulatory approvals not initiated	2.8
2022	9	63636	Homestead Fuel Cell 1 LLC	IPP	Homestead Fuel Cell	CT	63980	MM52	2.8	Other Natural Gas	NG	FC	(P) Planned for installation, but regulatory approvals not initiated	2.8
2022	9	62847	Lightsource Renewable Energy Asset Management LLC	IPP	Hoppy Solar 1	AR	63766	ARHAT	95.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	95.0
2022	10	62709	Bakersfield Solar (NY)	IPP	Bakersfield Solar (NY)	NY	62811	BKST0	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2022	10	59319	Cotton Solar, LLC	IPP	Cotton Solar	SC	59572	PV1	16.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	16.0
2022	10	62900	Guernsey Power Station LLC	IPP	Guernsey Power Station	OH	62949	GPS3	612.0	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals pending. Not under construction	612.0
2022	10	59761	McLean Homestead LLC	IPP	McLean Homestead	NC	60020	PV1	4.9	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	4.9
2022	10	63347	Summit Valley Solar LLC	IPP	Summit Valley Solar Project	NY	63867	ATL01	300.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2022	11	60797	60SF Bme LLC	IPP	Grand Solar & Storage Center, Phase 1 Hybrid	CA	61168	61168	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2022	11	60797	60SF Bme LLC	IPP	Grand Solar & Storage Center, Phase 1 Hybrid	CA	61168	60SF8	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2022	11	61012	AES Distributed Energy	IPP	ALS Watkolos Solar Hybrid	HI	63900	KLOAB	30.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	30.0
2022	11	61012	AES Distributed Energy	IPP	ALS Watkolos Solar Hybrid	HI	63900	VKLOA	30.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals pending. Not under construction	30.0
2022	11	63576	Chestnut Westside LLC	IPP	Chestnut	CA	63849	CHNUT	150.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	150.0
2022	11	7140	Georgia Power Co	Electric Utility	Vogtle	GA	649	4	1100.0	Nuclear	NUC	ST	(U) Under construction, less than or equal to 50 percent complete	1100.0
2022	12	61727	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
2022	12	61722	174 Power Global Corp	IPP	Atlas	AZ	63798	ATL81	300.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	300.0
2022	12	63448	Ayo Solar CLT LLC	IPP	Ayo Solar Project	NV	59869	GEN01	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2022	12	63494	Alora Solar, LLC	IPP	Alora Solar, LLC	SC	63809	PGR30	75.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals pending. Not under construction	75.0
2022	12	61768	Arrow Canyon Solar LLC	IPP	Arrow Canyon Solar Hybrid	NV	62248	1	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2022	12	61768	Arrow Canyon Solar LLC	IPP	Arrow Canyon Solar Hybrid	NV	62248	2	75.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	75.0
2022	12	15399	Avangrid Renewables LLC	IPP	Medford Wind	IL	63003	1	115.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	115.0
2022	12	61360	CAGT LLC	IPP	Biggs Ford Solar Center	MO	61321	BFSC	15.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	15.0
2022	12	61360	CAGT LLC	IPP	CAGT	MO	61321	BFSC	1060.0	Natural Gas Fired Combined Cycle	NG	CC	(1) Regulatory approvals received. Not under construction	1060.0
2022	12	59432	Clear Creek Power	IPP	Highland Park Project	CO	59659	HPWT	181.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	181.0
2022	12	56769	Consolidated Edison Development Inc.	IPP	Burt County Wind	NE	61511	BCN1	75.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	75.0
2022	12	44803	Dynegy Oakland LLC	IPP	Dynegy Oakland Power Plant	CA	6211	GEN4	36.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	36.0
2022	12	67760	EDPR CA Solar Park VI LLC	IPP	EDPR CA Solar Park VI LLC (CA) Hybrid	CA	62892	SORR2	40.0	Batteries	MWH	BA	(1) Regulatory approvals received. Not under construction	40.0
2022	12	62760	EDPR CA Solar Park VII LLC	IPP	EDPR CA Solar Park VII LLC (CA) Hybrid	CA	62893	SORR1	200.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	200.0
2022	12	59380	Enel Green Power NA, Inc.	IPP	Cascade Energy Storage LLC	CA	61801	10002	25.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	25.0
2022	12	59380	Enel Green Power NA, Inc.	IPP	Serra Energy Storage LLC	CA	61803	10003	10.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	10.0
2022	12	56615	First Solar Project Development	IPP	Portia Ridge Solar A, LLC	CA	60309	GEN01	18.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	18.5
2022	12	56615	First Solar Project Development	IPP	Willow Spring Solar 3, LLC	CA	60325	GEN01	75.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	75.0
2022	12	56615	First Solar Project Development	IPP	Windhub Solar B, LLC	CA	59960	GEN01	20.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	20.0
2022	12	60411	Fresian Holdings LLC	IPP	Fresian Holdings	NC	60607	PV1	75.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	75.0
2022	12	61738	Galileo Solar	IPP	Galileo Solar	SC	62716	41	2.0	Solar Photovoltaic	SUN	PV	(1) Regulatory approvals received. Not under construction	2.0
2022	12	68880	Gallegos Wind Farm LLC	IPP	Gallegos Wind Farm, Phase 1	NM	59047	GEN1	180.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	180.0
2022	12	62006	Hale Kuweh Solar LLC	IPP	Hale Kuweh Solar Hybrid	HI	62529	HKSOL	30.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	30.0
2022	12	61638	Harrison Power LLC	IPP	Cade Power Plant	OH	62153	GEN1	550.0	Natural Gas Fired Combined Cycle	NG	CS	(P) Planned for installation, but regulatory approvals not initiated	660.0
2022	12	61638	Harrison Power LLC	IPP	Cade Power Plant	OH	62153	GEN2	550.0	Natural Gas Fired Combined Cycle	NG	CS	(P) Planned for installation, but regulatory approvals not initiated	660.0
2022	12	48993	Inveneyr Services LLC	IPP	Somax Solar Energy	TX	63213	GEN1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction, less than or equal to 50 percent complete	250.0
2022	12	48993	Inveneyr Services LLC	IPP	Trip Top Solar Energy Center LLC	TX	63038	GEN1	220.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	220.0
2022	12	63504	Krugger Energy Manitoba Solar LLC	IPP	Krugger Energy Manitoba Solar LLC	VA	63822	KEMS	60.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2022	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58943	WTG1	3.4	Offshore Wind Turbine	WIND	WS	(L) Regulatory approvals pending. Not under construction	3.4
2022	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58943	WTG2	3.4	Offshore Wind Turbine	WIND	WS	(L) Regulatory approvals pending. Not under construction	3.4
2022	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58943	WTG3	3.4	Offshore Wind Turbine	WIND	WS	(L) Regulatory approvals pending. Not under construction	3.4
2022	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58943	WTG4	3.4	Offshore Wind Turbine	WIND	WS	(1) Regulatory approvals received. Not under construction	3.4
2022	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58943	WTG5	3.4	Offshore Wind Turbine	WIND	WS	(L) Regulatory approvals pending. Not under construction	3.4
2022	12	58804	Lake Erie Energy Development Corp	IPP	Icebreaker Offshore Wind Farm	OH	58943	WTG6	3.4	Offshore Wind Turbine	WIND	WS	(L) Regulatory approvals pending. Not under construction	3.4
2022	12	61596	Lincoln Land Energy Center LLC	IPP	Lincoln Land Energy Center	IL	62027	GEN1	520.0	Natural Gas Fired Combined Cycle	NG	CS	(P) Planned for installation, but regulatory approvals not initiated	638.4
2022	12	61596	Lincoln Land Energy Center LLC	IPP	Lincoln Land Energy Center	IL	62027	GEN2	520.0	Natural Gas Fired Combined Cycle	NG	CS	(P) Planned for installation, but regulatory approvals not initiated	638.4
2022	12	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	1	0.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.6
2022	12	62663	Lock 13 Hydro Partners	IPP	Lynly Hydroelectric Project	KY	62748	2	0.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.6
2022	12	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	3	0.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.6
2022	12	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	4	0.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.6
2022	12	62663	Lock 13 Hydro Partners	IPP	Evelyn Hydroelectric Project	KY	62748	5	0.6	Conventional Hydroelectric	WAT	HY	(L) Regulatory approvals pending. Not under construction	0.6

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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)
2022	12	60632	MITSUN LLC	IPP	MITSUN	MT	64032	MITSUN	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2022	12	61429	Mission Dixon Solar Center LLC	IPP	Mission Dixon Solar Center	MD	61797	PV	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2022	12	63442	Nepajume Energy Center LLC	IPP	Nepajume Energy Center Hybrid	CO	63731	NT325	175.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	175.0
2022	12	63427	Nepajume Energy Center LLC	IPP	Nepajume Energy Center Hybrid	CO	63731	NT325	250.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2022	12	63238	OE, LLC	IPP	Alt. Solar C LLC	AL	63573	OEALC	80.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	80.0
2022	12	63574	Otter Creek Solar LLC	IPP	Otter Creek Solar	VA	63909	OTTER	60.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	60.0
2022	12	62036	Paeahu Solar LLC	IPP	Paeahu Solar Hybrid	HI	62534	PHBA	15.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	15.0
2022	12	62036	Paeahu Solar LLC	IPP	Paeahu Solar Hybrid	HI	62534	PHSOL	15.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	15.0
2022	12	63501	Parish Grove Wind, LLC	IPP	Parish Grove Wind, LLC	IL	63818	78787	400.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	400.0
2022	12	58843	Power Company of Wyoming LLC	IPP	Chickadee and Santa Madra Wind	WY	58981	1A	500.0	Onshore Wind Turbine	WIND	WT	(U) Under construction less than or equal to 50 percent complete	500.0
2022	12	61069	RE Gaskett West LLC	IPP	RE Gaskett West 2 LLC	CA	61446	PV2	45.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	45.0
2022	12	61069	RE Gaskett West LLC	IPP	RE Gaskett West 3 LLC	CA	61447	PV3	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2022	12	61069	RE Gaskett West LLC	IPP	RE Gaskett West 4 LLC	CA	61448	PV4	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2022	12	61069	RE Gaskett West LLC	IPP	RE Gaskett West 5 LLC	CA	61449	PV5	20.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2022	12	56215	RWE Renewables Americas LLC	IPP	Coyote Crest Wind Farm	WA	58778	1	127.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	127.0
2022	12	56215	RWE Renewables Americas LLC	IPP	Willowbrook Solar 1 LLC	OH	63877	WUBS	150.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2022	12	21554	Seminole Electric Cooperative Inc.	Electric Utility	Seminole (F L)	FL	136	CT1	349.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	349.2
2022	12	21554	Seminole Electric Cooperative Inc.	Electric Utility	Seminole (F L)	FL	136	CT2	349.8	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	349.2
2022	12	21554	Seminole Electric Cooperative Inc.	Electric Utility	Seminole (F L)	FL	136	ST	396.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	414.8
2022	12	63454	Thunder Wolf Energy Center LLC	IPP	Thunder Wolf Energy Center Hybrid	CO	63776	TW100	100.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	100.0
2022	12	63454	Thunder Wolf Energy Center LLC	IPP	Thunder Wolf Energy Center Hybrid	CO	63776	TW300	200.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	200.0
2022	12	63561	TransAlta Holdings U.S. Inc.	IPP	Tena Solar	WA	63962	TSPV1	80.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	80.0
2022	12	59056	Tri Global Energy LLC	IPP	ES Solar	TX	59911	ES1	30.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	30.0
2023	1	60836	NTE Connecticut LLC	IPP	Killingly Energy Center	CT	61239	KEC	374.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	501.0
2023	1	60836	NTE Connecticut LLC	IPP	Killingly Energy Center	CT	61239	KEC2	257.6	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	312.8
2023	1	18454	Tampa Electric Co.	Electric Utility	Big Bend	FL	645	BBS1T	335.0	Natural Gas Steam Turbine	NG	ST	(P) Planned for installation, but regulatory approvals not initiated	445.5
2023	2	59966	ESC Harrison County Power	IPP	ESC Harrison County Power	WV	60206	HCCA1	205.0	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	207.4
2023	2	59966	ESC Harrison County Power	IPP	ESC Harrison County Power	WV	60206	HCCA1	319.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	371.5
2023	3	53365	Capital Power Corporation	IPP	Carrollton Buire Wind LLC	ND	60666	GLN	150.0	Onshore Wind Turbine	WIND	WT	(P) Planned for installation, but regulatory approvals not initiated	150.0
2023	3	65615	First Solar Project Development	IPP	Desert Quartzite	CA	58611	CA	480.0	Solar Photovoltaic	SUN	PV	(T) Regulatory approvals received. Not under construction	480.0
2023	3	61130	Heir Ravenswood LLC	IPP	Ravenswood	NY	2500	RWES1	129.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	129.0
2023	3	61130	Heir Ravenswood LLC	IPP	Ravenswood	NY	2500	RWES2	98.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	98.0
2023	3	61130	Heir Ravenswood LLC	IPP	Ravenswood	NY	2500	RWES3	89.0	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	89.0
2023	3	17609	Southern California Edison Co.	Electric Utility	Cadillac Battery Energy Storage Facility	CA	63326	CAD1	3.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	3.0
2023	3	17609	Southern California Edison Co.	Electric Utility	Yorktown Battery Energy Storage Facility	CA	63375	YOHK1	3.0	Batteries	MWH	BA	(T) Regulatory approvals received. Not under construction	3.0
2023	4	61818	CC Polymers LLC	Industrial	M&G Polymers USA	TX	60642	1	11.7	Oil Other	WH	OT	(P) Planned for installation, but regulatory approvals not initiated	14.3
2023	4	61818	CC Polymers LLC	Industrial	M&G Polymers USA	TX	60642	2	11.7	Oil Other	WH	OT	(P) Planned for installation, but regulatory approvals not initiated	14.3
2023	4	17568	Cooperative Energy	Electric Utility	R D Morrow	MS	6061	MOR1	514.0	Natural Gas Fired Combined Cycle	NG	CC	(L) Regulatory approvals pending. Not under construction	550.0
2023	5	63601	CPV Three Rivers LLC	IPP	CPV Three Rivers Energy Center	IL	63931	GLN1	607.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	650.0
2023	5	63601	CPV Three Rivers LLC	IPP	CPV Three Rivers Energy Center	IL	63931	GLN2	607.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	650.0
2023	5	62733	Oranberry Point Energy Storage LLC	IPP	Oranberry Point Energy Storage	MA	62844	NA	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2023	5	5701	El Paso Electric Co.	Electric Utility	Newman	TX	5856	NA	227.0	Natural Gas Fired Combined Cycle	NG	ST	(P) Planned for installation, but regulatory approvals not initiated	227.0
2023	5	58765	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	GAT1	249.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	245.2
2023	5	58765	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	G11	226.7	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	239.9
2023	5	58765	FGE Texas II LLC	IPP	FGE Texas II	TX	58930	G12	226.7	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	239.9
2023	5	55983	Luminant Generation Company LLC	IPP	Holbrook	TX	63234	UN1T1	42.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	42.0
2023	5	17159	Montana Dakota Utilities Co.	Electric Utility	R M Hockett	ND	2790	4	88.0	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	88.0
2023	5	189	Power South Energy Cooperative	Electric Utility	Lowman Energy Center	AL	56	LEC1	385.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	454.5
2023	5	189	Power South Energy Cooperative	Electric Utility	Lowman Energy Center	AL	56	LEC2	245.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	272.2
2023	6	63525	Anda Solar	IPP	Anda Solar	NV	63841	ARDA	370.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	370.0
2023	6	63557	Delilah Solar Energy III LLC	IPP	Delilah Solar Energy III LLC	TX	63865	GEN1	310.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	310.0
2023	6	63503	Harden Solar Energy II LLC	IPP	Harden Solar Energy II LLC	OH	63828	GLN1	170.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	170.0
2023	6	63554	Samson Solar Energy II LLC	IPP	Samson Solar Energy II LLC	TX	63862	GEN1	200.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	200.0
2023	6	63555	Samson Solar Energy III LLC	IPP	Samson Solar Energy III LLC	TX	63863	GEN1	250.0	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	250.0
2023	6	57109	St Joseph Energy Center LLC	IPP	St Joseph Energy Center	IN	57194	STJ2	232.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	260.0
2023	6	56789	TBE Montgomery LLC	IPP	TBE Montgomery LLC	NY	57472	CTG	11.0	Other Waste Biomass	OBG	CT	(U) Under construction less than or equal to 50 percent complete	12.0
2023	6	56789	TBE Montgomery LLC	IPP	TBE Montgomery LLC	NY	57472	STG	7.0	Other Waste Biomass	OBG	CA	(U) Under construction less than or equal to 50 percent complete	8.0
2023	6	63527	Westlands Cherry, LLC	IPP	Cherry	CA	63850	CHERY	249.7	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	249.7
2023	6	63528	Westlands Grapes, LLC	IPP	Grape	CA	63851	GRAPL	246.0	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	246.4
2023	7	60798	695V Bmo LLC	IPP	Eland Solar & Storage Center Phase 2 Hybrid	CA	61169	61169	150.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	150.0
2023	7	60799	695V Bmo LLC	IPP	Eland Solar & Storage Center Phase 2 Hybrid	CA	61169	695V8	200.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	200.0
2023	7	59434	Mattawoman Energy LLC	IPP	Mattawoman Energy Center	MD	59662	CGT11	286.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction	286.0
2023	7	59434	Mattawoman Energy LLC	IPP	Mattawoman Energy Center	MD	59662	CGT12	286.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction	286.0
2023	7	59434	Mattawoman Energy LLC	IPP	Mattawoman Energy Center	MD	59662	STG11	436.0	Natural Gas Fired Combined Cycle	NG	CC	(T) Regulatory approvals received. Not under construction	436.0
2023	7	60833	NTE Carolinas II LLC	IPP	Redsville Energy Center	NC	61240	REC	259.0	Natural Gas Fired Combined Cycle	NG	CT	(T) Regulatory approvals received. Not under construction	310.2
2023	7	60833	NTE Carolinas II LLC	IPP	Redsville Energy Center	NC	61240	REC2	227.0	Natural Gas Fired Combined Cycle	NG	CA	(T) Regulatory approvals received. Not under construction	233.7
2023	9	62910	300MS Bmo LLC	IPP	Southern Bighorn Solar Hybrid	NV	63113	BESS	135.0	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	135.0
2023	9	62910	300MS Bmo LLC	IPP	Southern Bighorn Solar Hybrid	NV	63113	S4S	300.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2023	9	58881	Apex Bethel Energy Center	IPP	Apex Bethel Energy Center	TX	58848	ABEC1	158.0	Natural Gas with Compressed Air Storage	NG	CT	(T) Regulatory approvals received. Not under construction	158.0
2023	9	58881	Apex Bethel Energy Center	IPP	Apex Bethel Energy Center	TX	58848	ABEC2	158.0	Natural Gas with Compressed Air Storage	NG	CT	(T) Regulatory approvals received. Not under construction	158.0
2023	10	61914	Juwi Inc.	IPP	Spanish Peaks Solar	CO	62379	47001	100.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	100.0
2023	10	61906	Rye Development	IPP	Allegheny L&D Hydroelectric Project	PA	62401	NA1	2.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	4.5
2023	10	61906	Rye Development	IPP	Allegheny L&D Hydroelectric Project	PA	62402	NA1	1.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2023	10	61906	Rye Development	IPP	Beverly L&D Hydroelectric Project	OH	62403	NA1	1.7	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.5
2023	10	61906	Rye Development	IPP	Devota L&D Hydroelectric Project	OH	62435	NA1	1.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2023	10	61906	Rye Development	IPP	Erinsworth L&D Hydroelectric Project	PA	62434	NA1	3.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	15.0
2023	10	61906	Rye Development	IPP	Erinsworth L&D Hydroelectric Project	PA	62433	NA1	6.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	15.0
2023	10	61906	Rye Development	IPP	End Lake Hydroelectric Project	MS	62432	NA1	1.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	7.5
2023	10	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
2023	10	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
2023	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
2023	10	61906	Rye Development	IPP	Lowell L&D Hydroelectric Project	OH	62428	NA1	2.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2023	10	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
2023	10	61906	Rye Development	IPP	Monongahela L&D Hydroelectric Project	PA	62404	NA1	4.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0

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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)
2023	10	61906	Rye Development	IPP	Montgomery L&D Hydroelectric Project	PA	62400	NA1	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	9.5
2023	10	61906	Rye Development	IPP	Margintown L&D Hydroelectric Project	WV	62381	NA1	1.8	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2023	10	61906	Rye Development	IPP	Opelika L&D Hydroelectric Project	WV	62386	NA1	2.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	3.0
2023	10	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA1	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2023	10	61906	Rye Development	IPP	Philo L&D Hydroelectric Project	OH	62427	NA1	1.7	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.5
2023	10	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
2023	10	61906	Rye Development	IPP	Rockley L&D Hydroelectric Project	OH	62426	NA1	1.8	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	7.0
2023	10	61906	Rye Development	IPP	Sards Lake Hydroelectric Project	MS	62425	NA1	5.3	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	7.5
2023	10	62893	Vineyard Wind LLC	IPP	Vineyard Wind 1	MA	63063	WV01	800	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	800.0
2023	11	63117	Gemini Solar	IPP	Gemini Solar	NV	63352	AR01	680	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	680.0
2023	11	63117	Gemini Solar	IPP	Gemini Solar	NV	63357	ARFV1	280	Batteries	MWH	BA	(U) Under construction less than or equal to 50 percent complete	380.0
2023	11	61797	Hecate Energy LLC	IPP	Hecate Energy Columbia County Solar	NV	62773	HEC01	60	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	60.0
2023	11	61906	Rye Development	IPP	Allegheny L&D Hydroelectric Project	PA	62401	NA2	2.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	4.5
2023	11	61906	Rye Development	IPP	Arakula Lake Hydroelectric Project	MS	62402	NA2	1.8	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2023	11	61906	Rye Development	IPP	Beverly L&D Hydroelectric Project	OH	62403	NA2	1.7	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.5
2023	11	61906	Rye Development	IPP	Dorwin L&D Hydroelectric Project	OH	62435	NA2	1.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2023	11	61906	Rye Development	IPP	Ernsworth BC Hydroelectric Project	PA	62434	NA2	4.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2023	11	61906	Rye Development	IPP	Ernsworth L&D Hydroelectric Project	PA	62433	NA2	6.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.5
2023	11	61906	Rye Development	IPP	End Lake Hydroelectric Project	MS	62432	NA2	1.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2023	11	61906	Rye Development	IPP	Fries 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
2023	11	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
2023	11	61906	Rye Development	IPP	KY No. 11 L&D Hydroelectric Project	KY	62390	NA2	0.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.3
2023	11	61906	Rye Development	IPP	KY No. 11 L&D Hydroelectric Project	KY	62390	NA3	0.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.3
2023	11	61906	Rye Development	IPP	KY No. 11 L&D Hydroelectric Project	KY	62390	NA4	0.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.3
2023	11	61906	Rye Development	IPP	KY No. 11 L&D Hydroelectric Project	KY	62390	NA5	0.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	0.3
2023	11	61906	Rye Development	IPP	Lowell L&D Hydroelectric Project	OH	62428	NA2	2.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2023	11	61906	Rye Development	IPP	Mika L&D Hydroelectric Project	OH	62428	NA1	1.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2023	11	61906	Rye Development	IPP	Matia L&D Hydroelectric Project	OH	62428	NA2	1.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.0
2023	11	61906	Rye Development	IPP	Matweia L&D Hydroelectric Project	PA	62385	NA2	4.5	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.0
2023	11	61906	Rye Development	IPP	Monongahela L&D Hydroelectric Project	PA	62404	NA2	5.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	9.5
2023	11	61906	Rye Development	IPP	Montgomery L&D Hydroelectric Project	PA	62400	NA2	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	9.5
2023	11	61906	Rye Development	IPP	Montgomery L&D Hydroelectric Project	PA	62400	NA3	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	9.5
2023	11	61906	Rye Development	IPP	Montgomery L&D Hydroelectric Project	PA	62400	NA4	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	9.5
2023	11	61906	Rye Development	IPP	Margintown L&D Hydroelectric Project	WV	62381	NA2	1.8	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	2.5
2023	11	61906	Rye Development	IPP	Opelika L&D Hydroelectric Project	WV	62386	NA2	2.0	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	3.0
2023	11	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA2	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2023	11	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA3	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2023	11	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA4	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2023	11	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA5	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2023	11	61906	Rye Development	IPP	Overton Hydroelectric Project	LA	62391	NA6	5.1	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	8.1
2023	11	61906	Rye Development	IPP	Philo L&D Hydroelectric Project	OH	62427	NA2	1.7	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	1.5
2023	11	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
2023	11	61906	Rye Development	IPP	Rockley L&D Hydroelectric Project	OH	62426	NA2	1.8	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	7.5
2023	11	61906	Rye Development	IPP	Sards Lake Hydroelectric Project	MS	62425	NA2	5.3	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	7.5
2023	12	63702	Barbers Point Solar, LLC	IPP	Barbers Point Solar, LLC	HI	64094	BPBA	15	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	15.0
2023	12	63702	Barbers Point Solar, LLC	IPP	Barbers Point Solar, LLC	HI	64094	BPSP	15	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	15.0
2023	12	60064	Clean Path Energy Center, LLC	IPP	Clean Path Energy Center, LLC	NM	60789	PVGFN	55	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	55.0
2023	12	63484	Crossroads Solar, LLC	IPP	Crossroads Solar (PA)	PA	63785	CROSS5	50	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	50.0
2023	12	63553	Frederick Commodities LLC	IPP	Shalbory Solar	VT	64054	SHA1F	20	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2023	12	63553	Haystack Energy Project LLC	IPP	Haystack Hybrid	MT	63878	HAY1	600	Offshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	600.0
2023	12	60349	Jumahu Hydropower, Inc.	IPP	Sweetheart Lake Hydroelectric Facility	AK	60588	JHD01	6.6	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.6
2023	12	60349	Jumahu Hydropower, Inc.	IPP	Sweetheart Lake Hydroelectric Facility	AK	60588	JHD02	6.6	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.6
2023	12	60349	Jumahu Hydropower, Inc.	IPP	Sweetheart Lake Hydroelectric Facility	AK	60588	JHD03	6.6	Conventional Hydroelectric	WAT	HY	(P) Planned for installation, but regulatory approvals not initiated	6.6
2023	12	63703	Kahana Solar, LLC	IPP	Kahana Solar, LLC	HI	64095	KSBA	20	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	20.0
2023	12	63703	Kahana Solar, LLC	IPP	Kahana Solar, LLC	HI	64095	KSS01	20	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	20.0
2023	12	63603	Navitas Power Company DBA NV Energy	Electric Utility	Dry Lake Solar Energy Center	NV	63933	DLS1	100	Batteries	MWH	BA	(L) Regulatory approvals pending. Not under construction	100.0
2023	12	63603	Navitas Power Company DBA NV Energy	Electric Utility	Dry Lake Solar Energy Center	NV	63933	DLPV1	150	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	150.0
2023	12	63217	Obsidian Solar Center LLC	IPP	Obsidian Solar Center	OR	63486	OBSLR	400	Solar Photovoltaic	SUN	PV	(U) Under construction less than or equal to 50 percent complete	400.0
2023	12	63463	Palomino Solar, LLC	IPP	Palomino Solar	OH	63784	PLMNO	50	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	50.0
2023	12	58842	Power Company of Wyoming LLC	IPP	Chickacherry and Sierra Madre Wind	WY	58867	1B	500	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	500.0
2023	12	63488	Shady Hills Energy Center, LLC	IPP	Shady Hills Combined Cycle Facility	IL	63802	G001	546	Natural Gas Fired Combined Cycle	NG	CS	(P) Planned for installation, but regulatory approvals not initiated	573.0
2023	12	62023	Skolton Creek Energy Center	IPP	Skolton Creek Energy Center Hybrid	OK	62494	SCGB1	200	Batteries	MWH	BA	(P) Planned for installation, but regulatory approvals not initiated	200.0
2023	12	62023	Skolton Creek Energy Center	IPP	Skolton Creek Energy Center Hybrid	OK	62494	SCS01	250	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	250.0
2023	12	63721	Skupick Offshore Energy, LLC	IPP	Skupick Wind Farm	MD	64083	SJW01	120	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	120.0
2023	12	63626	Two Rivers Wind LLC	IPP	Two Rivers Wind Facility	WY	63972	TR1	280	Onshore Wind Turbine	WND	WT	(L) Regulatory approvals pending. Not under construction	280.0
2024	1	61033	Boswell Wind Project I, LLC	IPP	Boswell Wind I	WY	61393	BOSW1	80	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	80.0
2024	1	61034	Boswell Wind Project II, LLC	IPP	Boswell Wind II	WY	61394	BOSW2	80	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	80.0
2024	1	61035	Boswell Wind Project III, LLC	IPP	Boswell Wind III	WY	61395	BOSW3	80	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	80.0
2024	1	61036	Boswell Wind Project IV, LLC	IPP	Boswell Wind IV	WY	61396	BOSW4	80	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	80.0
2024	1	7719	CallWind Resources Inc.	IPP	CallWind Wind Resource I	CA	64909	PLAN	15	Onshore Wind Turbine	WND	WT	(P) Planned for installation, but regulatory approvals not initiated	15.0
2024	3	63465	Candira Renewables, LLC	IPP	Rough Hat	NV	63767	RH1	400	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.0
2024	3	63465	Candira Renewables, LLC	IPP	Rough Hat 2	NV	63763	RH2	400	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	400.0
2024	4	63558	Chickacherry Power, LLC	IPP	Chickacherry Power, LLC	VA	63886	CP001	557	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals received. Not under construction	572.1
2024	5	63558	Chickacherry Power, LLC	IPP	Chickacherry Power, LLC	VA	63886	CP002	557	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals received. Not under construction	572.1
2024	5	63707	Coastal Wind, LLC	IPP	Ocean Wind	NJ	64082	OCW01	1,100	Offshore Wind Turbine	WND	WS	(L) Regulatory approvals pending. Not under construction	1,100.0
2024	6	63558	Chickacherry Power, LLC	IPP	Chickacherry Power, LLC	VA	63886	CP003	557	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals received. Not under construction	572.1
2024	6	63576	MCC North	IPP	MCC North	MI	63911	MCCN	500	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals received. Not under construction	500.0
2024	6	63577	MCC South	IPP	MCC South	MI	63912	MCCS	500	Natural Gas Fired Combined Cycle	NG	CS	(L) Regulatory approvals received. Not under construction	500.0
2024	10	5416	Duke Energy Carolinas, LLC	Electric Utility	Lincoln Combustion	NC	7277	17	517	Natural Gas Fired Combined Cycle	NG	GT	(V) Under construction, more than 50 percent complete	536.4
2024	12	60799	33UI Bine LLC	IPP	Long Ridge Solar Farm	UT	61170	33UIB	300	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	300.0
2024	12	15399	Avangrid Renewables, LLC	IPP	Lund Hill	WA	61045	WT1	60	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	60.0
2024	12	56814	Black Creek Renewable Energy, LLC	IPP	Simpson County Disposal	NC	57482	GFN7	1	Landfill Gas	LFG	LC	(L) Regulatory approvals received. Not under construction	1.0
2024	12	56814	Black Creek Renewable Energy, LLC	IPP	Simpson County Disposal	NC	57482	GFN8	1	Landfill Gas	LFG	LC	(L) Regulatory approvals received. Not under construction	1.0
2024	12	58842	Power Company of Wyoming LLC	IPP	Chickacherry and Sierra Madre Wind	WY	58867	1C	500	Onshore Wind Turbine	WND	WT	(U) Under construction less than or equal to 50 percent complete	500.0

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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	Primo Mover Code	Status	Nameplate Capacity (MW)	
2025	1	59964	ESC Brooke County Power I	IPP	ESC Brooke County Power I	WV	60202	BCCA1	261.2	Natural Gas Fired Combined Cycle	NG	CA	(P) Planned for installation, but regulatory approvals not initiated	260.5	
2025	1	59964	ESC Brooke County Power I	IPP	ESC Brooke County Power I	WV	60202	BCCF1	252.3	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	250.5	
2025	1	59964	ESC Brooke County Power I	IPP	ESC Brooke County Power I	WV	60202	BCCF2	252.3	Natural Gas Fired Combined Cycle	NG	CT	(P) Planned for installation, but regulatory approvals not initiated	250.5	
2025	1	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507		156.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	170.0	
2025	1	63347	New Jersey Transit Corporation (NJ Transit)	Commercial	NJ TRANSITGRD	NJ	63631	CTG 1	20.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	22.5	
2025	1	63347	New Jersey Transit Corporation (NJ Transit)	Commercial	NJ TRANSITGRD	NJ	63631	CTG 2	20.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	22.5	
2025	1	63347	New Jersey Transit Corporation (NJ Transit)	Commercial	NJ TRANSITGRD	NJ	63631	CTG 3	20.0	Natural Gas Fired Combustion Turbine	NG	GT	(L) Regulatory approvals pending. Not under construction	22.5	
2025	1	63347	New Jersey Transit Corporation (NJ Transit)	Commercial	NJ TRANSITGRD	NJ	63631	CTG 4	20.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	22.5	
2025	1	63347	New Jersey Transit Corporation (NJ Transit)	Commercial	NJ TRANSITGRD	NJ	63631	CTG 5	20.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	22.5	
2025	1	63347	New Jersey Transit Corporation (NJ Transit)	Commercial	NJ TRANSITGRD	NJ	63631	PV1	0.5	Solar Photovoltaic	SUN	PV	(L) Regulatory approvals pending. Not under construction	0.5	
2025	1	63347	New Jersey Transit Corporation (NJ Transit)	Commercial	NJ TRANSITGRD	NJ	63631	STG 1	14.4	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	15.0	
2025	1	63347	New Jersey Transit Corporation (NJ Transit)	Commercial	NJ TRANSITGRD	NJ	63631	STOR1	8.1	Flywheels	MWH	FW	(L) Regulatory approvals pending. Not under construction	8.1	
2025	2	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507		2	156.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	170.0
2025	2	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507		3	156.0	Natural Gas Fired Combined Cycle	NG	CT	(L) Regulatory approvals pending. Not under construction	170.0
2025	2	7189	Gila Bend Power Partners LLC	IPP	Gila Bend Power Generation Station	AZ	55507		4	390.0	Natural Gas Fired Combined Cycle	NG	CA	(L) Regulatory approvals pending. Not under construction	390.0
2025	6	58597	Envercon, Inc.	IPP	La Paz Solar Tower	AZ	58552		1	200.0	Solar Thermal without Energy Storage	SUN	OT	(P) Planned for installation, but regulatory approvals not initiated	200.0
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	12	60060	Adams Solar LLC	IPP	Adams Solar	NC	60949	PV1	2.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	2.0	
2025	12	59365	Capitol Power Corporation	IPP	Nolin Hills Wind LLC	OR	60070	GEN	350.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	350.0	
2025	12	60064	Clean Path Energy Center LLC	IPP	Clean Path Energy Center	NM	60289	CPECT1	680.0	Natural Gas Fired Combined Cycle	NG	CC	(P) Planned for installation, but regulatory approvals not initiated	680.0	
2025	12	58842	Power Company of Wyoming LLC	IPP	Chokechony and Sierra Madre Wind	WY	58987	II A	750.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	750.0	
2025	12	60586	Washington Solar LLC	IPP	Washington Solar	NC	60948	PV1	5.0	Solar Photovoltaic	SUN	PV	(P) Planned for installation, but regulatory approvals not initiated	5.0	
2026	5	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM1	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2026	6	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM2	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2026	7	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM3	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2026	9	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM4	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2026	9	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM5	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2026	10	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM6	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2026	11	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM7	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2026	12	58842	Power Company of Wyoming LLC	IPP	Chokechony and Sierra Madre Wind	WY	58987	II B	750.0	Onshore Wind Turbine	WIND	WT	(L) Regulatory approvals pending. Not under construction	750.0	
2026	12	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM8	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2027	1	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM9	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2027	2	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM10	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2027	3	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM11	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
2027	4	40575	Utah Associated Mun Power Sys	Electric Utility	UAMPS Carbon Free Power Plant	ID	61075	NPM12	47.5	Nuclear	NUC	ST	(P) Planned for installation, but regulatory approvals not initiated	50.0	
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	

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

Table 6.6 Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2020	10	6455	Duke Energy Florida, LLC	Electric Utility	Avon Park	FL	624	P1	24.0	Natural Gas Fired Combustion Turbine	NG	GT
2020	10	6455	Duke Energy Florida, LLC	Electric Utility	Avon Park	FL	624	P2	24.0	Petroleum Liquids	DFO	GT
2020	10	14173	Oroville Cogeneration LP	Industrial	Oroville Cogeneration LP	CA	54477	GEN1	1.1	Natural Gas Internal Combustion Engine	NG	IC
2020	10	14173	Oroville Cogeneration LP	Industrial	Oroville Cogeneration LP	CA	54477	GEN2	1.1	Natural Gas Internal Combustion Engine	NG	IC
2020	10	14173	Oroville Cogeneration LP	Industrial	Oroville Cogeneration LP	CA	54477	GEN3	1.1	Natural Gas Internal Combustion Engine	NG	IC
2020	10	14173	Oroville Cogeneration LP	Industrial	Oroville Cogeneration LP	CA	54477	GEN4	1.1	Natural Gas Internal Combustion Engine	NG	IC
2020	10	14173	Oroville Cogeneration LP	Industrial	Oroville Cogeneration LP	CA	54477	GEN5	1.1	Natural Gas Internal Combustion Engine	NG	IC
2020	10	14173	Oroville Cogeneration LP	Industrial	Oroville Cogeneration LP	CA	54477	GEN6	1.1	Natural Gas Internal Combustion Engine	NG	IC
2020	10	14173	Oroville Cogeneration LP	Industrial	Oroville Cogeneration LP	CA	54477	GEN7	1.1	Natural Gas Internal Combustion Engine	NG	IC
2020	10	15248	Portland General Electric Co	Electric Utility	Boardman	OR	6106		585.0	Conventional Steam Coal	SUB	ST
2020	10	189	PowerSouth Energy Cooperative	Electric Utility	Lowman Energy Center	AL	56	1	78.0	Conventional Steam Coal	BIT	ST
2020	10	189	PowerSouth Energy Cooperative	Electric Utility	Lowman Energy Center	AL	56	2	238.0	Conventional Steam Coal	BIT	ST
2020	10	189	PowerSouth Energy Cooperative	Electric Utility	Lowman Energy Center	AL	56	3	238.0	Conventional Steam Coal	BIT	ST
2020	11	1752	Biola University	Commercial	Biola University Hybrid	CA	54296	EG1	0.6	Natural Gas Internal Combustion Engine	NG	IC
2020	11	1752	Biola University	Commercial	Biola University Hybrid	CA	54296	EG2	0.6	Natural Gas Internal Combustion Engine	NG	IC
2020	11	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC2	0.9	Natural Gas Internal Combustion Engine	NG	IC
2020	11	11713	City of Marshall - (MI)	Electric Utility	Marshall (MI)	MI	1844	IC4	0.7	Petroleum Liquids	DFO	IC
2020	11	16657	San Jose/Santa Clara Water P.C.	Commercial	SJ/SC WPCP	CA	56080	EG1	2.8	Natural Gas Internal Combustion Engine	NG	IC
2020	11	16657	San Jose/Santa Clara Water P.C.	Commercial	SJ/SC WPCP	CA	56080	EG2	2.8	Natural Gas Internal Combustion Engine	NG	IC
2020	11	16657	San Jose/Santa Clara Water P.C.	Commercial	SJ/SC WPCP	CA	56080	EG3	2.8	Natural Gas Internal Combustion Engine	NG	IC
2020	11	30151	Tri-State G & T Assn, Inc	Electric Utility	Escalante	NM	87	1	253.0	Conventional Steam Coal	SUB	ST
2020	12	4385	Anderson Power Products	Industrial	Anderson Power Products Division	MA	10553	3622	0.1	Petroleum Liquids	DFO	IC
2020	12	4385	Anderson Power Products	Industrial	Anderson Power Products Division	MA	10553	6033	0.3	Petroleum Liquids	DFO	IC
2020	12	4385	Anderson Power Products	Industrial	Anderson Power Products Division	MA	10553	6035	0.3	Petroleum Liquids	DFO	IC
2020	12	4385	Anderson Power Products	Industrial	Anderson Power Products Division	MA	10553	6046	0.3	Petroleum Liquids	DFO	IC
2020	12	803	Arizona Public Service Co	Electric Utility	Cholla	AZ	113	4	380.0	Conventional Steam Coal	SUB	ST
2020	12	17833	City Utilities of Springfield - (MO)	Electric Utility	James River Power Station	MO	2161	4	56.0	Natural Gas Steam Turbine	NG	ST
2020	12	17833	City Utilities of Springfield - (MO)	Electric Utility	James River Power Station	MO	2161	5	97.0	Natural Gas Steam Turbine	NG	ST
2020	12	17828	City of Springfield - (IL)	Electric Utility	Dallman	IL	963	1	73.0	Conventional Steam Coal	BIT	ST
2020	12	17828	City of Springfield - (IL)	Electric Utility	Dallman	IL	963	2	70.5	Conventional Steam Coal	BIT	ST
2020	12	6452	Florida Power & Light Co	Electric Utility	Indiantown Cogeneration LP	FL	50976	GEN1	330.0	Conventional Steam Coal	BIT	ST
2020	12	7490	Grand River Dam Authority	Electric Utility	GREC	OK	165	1	40.0	Natural Gas Steam Turbine	NG	ST
2020	12	56155	Lansing Board of Water and Light	Electric Utility	Eckert Station	MI	1831	4	64.0	Conventional Steam Coal	SUB	ST
2020	12	56155	Lansing Board of Water and Light	Electric Utility	Eckert Station	MI	1831	5	63.1	Conventional Steam Coal	SUB	ST
2020	12	56155	Lansing Board of Water and Light	Electric Utility	Eckert Station	MI	1831	6	62.8	Conventional Steam Coal	SUB	ST
2020	12	12119	McGrath Light & Power Co	Electric Utility	McGrath	AK	6555	7	0.6	Petroleum Liquids	DFO	IC
2020	12	58341	McKinley Paper Co - Washington Mill	Industrial	McKinley Paper Co - Washington Mill	WA	58352	G-11	20.0	Wood/Wood Waste Biomass	WDS	ST
2020	12	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	1	0.9	Conventional Hydroelectric	WAT	HY
2020	12	14328	Pacific Gas & Electric Co	Electric Utility	Cow Creek	CA	229	2	0.9	Conventional Hydroelectric	WAT	HY
2020	12	19099	TransAlta Centralia Gen LLC	IPP	TransAlta Centralia Generation	WA	3845	1	670.0	Conventional Steam Coal	RC	ST
2021	1	3258	Central Iowa Power Cooperative	Electric Utility	Summit Lake	IA	1206	1	6.5	Natural Gas Fired Combined Cycle	NG	CA
2021	1	3258	Central Iowa Power Cooperative	Electric Utility	Summit Lake	IA	1206	2	6.5	Natural Gas Fired Combined Cycle	NG	CA
2021	1	3258	Central Iowa Power Cooperative	Electric Utility	Summit Lake	IA	1206	3	7.0	Natural Gas Fired Combined Cycle	NG	CA
2021	1	14328	Pacific Gas & Electric Co	Electric Utility	Kilarc	CA	253	1	1.6	Conventional Hydroelectric	WAT	HY
2021	1	61854	Veolia Energy Operating Service	Electric CHP	Spruance Operating Services LLC	VA	54081	GEN1	52.5	Conventional Steam Coal	BIT	ST
2021	1	61854	Veolia Energy Operating Service	Electric CHP	Spruance Operating Services LLC	VA	54081	GEN2	52.5	Conventional Steam Coal	BIT	ST
2021	2	11820	Massachusetts Inst of Tech	Commercial	Mass Inst Tech Cntrl Utilities/Cogen Plt	MA	54907	CTG1	19.0	Natural Gas Fired Combustion Turbine	NG	GT
2021	2	12119	McGrath Light & Power Co	Electric Utility	McGrath	AK	6555	3A	0.5	Petroleum Liquids	DFO	IC
2021	2	12119	McGrath Light & Power Co	Electric Utility	McGrath	AK	6555	4A	0.5	Petroleum Liquids	DFO	IC
2021	2	12119	McGrath Light & Power Co	Electric Utility	McGrath	AK	6555	6	0.6	Petroleum Liquids	DFO	IC
2021	3	12199	Montana Dakota Utilities Co	Electric Utility	Lowis & Clark	MT	6089	1	53.1	Conventional Steam Coal	LIG	ST
2021	4	6028	Entergy Nuclear Indian Point 3	IPP	Indian Point 3	NY	8907	3	1,037.9	Nuclear	NUC	ST
2021	5	9273	Indianapolis Power & Light Co	Electric Utility	AES Petersburg	IN	994	S11	222.5	Conventional Steam Coal	BIT	ST
2021	5	54899	NAES Corporation - (DE)	IPP	McKee Run	DE	599	3	103.1	Natural Gas Steam Turbine	NG	ST
2021	5	19876	Virginia Electric & Power Co	Electric Utility	Possum Point	VA	3804	5	786.0	Petroleum Liquids	RFO	ST
2021	6	6526	FirstEnergy Generation Corp	IPP	FirstEnergy W H Sammis	OH	2866	A1	3.0	Petroleum Liquids	DFO	IC
2021	6	6526	FirstEnergy Generation Corp	IPP	FirstEnergy W H Sammis	OH	2866	B1	3.0	Petroleum Liquids	DFO	IC
2021	6	6526	FirstEnergy Generation Corp	IPP	FirstEnergy W H Sammis	OH	2866	B2	3.0	Petroleum Liquids	DFO	IC
2021	6	6526	FirstEnergy Generation Corp	IPP	FirstEnergy W H Sammis	OH	2866	B3	2.0	Petroleum Liquids	DFO	IC
2021	6	6526	FirstEnergy Generation Corp	IPP	FirstEnergy W H Sammis	OH	2866	B4	2.0	Petroleum Liquids	DFO	IC
2021	6	6909	Gamesville Regional Utilities	Electric Utility	John R Kelly	FL	664	8	36.0	Natural Gas Fired Combined Cycle	NG	CA
2021	6	12628	GenOn Chalk Point, LLC	IPP	Chalk Point LLC	MD	1571	ST1	333.1	Conventional Steam Coal	BIT	ST
2021	6	12628	GenOn Chalk Point, LLC	IPP	Chalk Point LLC	MD	1571	ST2	336.9	Conventional Steam Coal	BIT	ST

Table 6-6 Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2021	6	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	2	58.0	Conventional Steam Coal	SUB	ST
2021	6	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	3	80.0	Conventional Steam Coal	SUB	ST
2021	6	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	D1	0.2	Petroleum Liquids	DFO	IC
2021	6	14232	Otter Tail Power Co	Electric Utility	Hoot Lake	MN	1943	D2	0.1	Petroleum Liquids	DFO	IC
2021	6	15452	PSEG Power Connecticut LLC	IPP	Bridgeport Station	CT	568	3	383.4	Conventional Steam Coal	SUB	ST
2021	6	20712	Snowbird Corporation	Commercial	Snowbird Power Plant	UT	10215	1367	0.6	Natural Gas Internal Combustion Engine	NG	IC
2021	6	20712	Snowbird Corporation	Commercial	Snowbird Power Plant	UT	10215	1391	0.6	Natural Gas Internal Combustion Engine	NG	IC
2021	6	20712	Snowbird Corporation	Commercial	Snowbird Power Plant	UT	10215	1392	0.6	Natural Gas Internal Combustion Engine	NG	IC
2021	7	18301	City of Sumner - (IA)	Electric Utility	Sumner	IA	1191	1	2.6	Petroleum Liquids	DFO	IC
2021	7	18301	City of Sumner - (IA)	Electric Utility	Sumner	IA	1191	2	1.1	Petroleum Liquids	DFO	IC
2021	7	18301	City of Sumner - (IA)	Electric Utility	Sumner	IA	1191	6	1.8	Petroleum Liquids	DFO	IC
2021	8	7080	Aclara Meters LLC	Industrial	General Electric Great Falls Upper Hydro	NH	10059	1575	1.6	Conventional Hydroelectric	WAT	HY
2021	8	7080	Aclara Meters LLC	Industrial	General Electric Great Falls Upper Hydro	NH	10059	500	0.5	Conventional Hydroelectric	WAT	HY
2021	9	55951	Exelon Nuclear	IPP	Byron Generating Station	IL	6023	1	1,164.0	Nuclear	NUC	ST
2021	9	55951	Exelon Nuclear	IPP	Byron Generating Station	IL	6023	2	1,136.0	Nuclear	NUC	ST
2021	11	55951	Exelon Nuclear	IPP	Dresden Generating Station	IL	869	2	902.0	Nuclear	NUC	ST
2021	11	55951	Exelon Nuclear	IPP	Dresden Generating Station	IL	869	3	895.0	Nuclear	NUC	ST
2021	11	18454	Tampa Electric Co	Electric Utility	Big Bend	FL	645	ST2	385.0	Conventional Steam Coal	BIT	ST
2021	11	60538	Vitro Architectural Glass	Industrial	Works 4	TX	54364	L2G	2.0	Petroleum Liquids	DFO	IC
2021	12	4716	Dairyland Power Coop	Electric Utility	Genoa	WI	4143	ST3	307.5	Conventional Steam Coal	SUB	ST
2021	12	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	1	205.3	Conventional Steam Coal	SUB	ST
2021	12	11479	Madison Gas & Electric Co	Electric Utility	Fitchburg	WI	3991	1	16.6	Natural Gas Fired Combustion Turbine	NG	GT
2021	12	11479	Madison Gas & Electric Co	Electric Utility	Fitchburg	WI	3991	2	15.8	Natural Gas Fired Combustion Turbine	NG	GT
2021	12	11479	Madison Gas & Electric Co	Electric Utility	Nine Springs	WI	9674	GT1	12.5	Natural Gas Fired Combustion Turbine	NG	GT
2021	12	11479	Madison Gas & Electric Co	Electric Utility	Sycamore (WI)	WI	3993	1	11.4	Natural Gas Fired Combustion Turbine	NG	GT
2021	12	11479	Madison Gas & Electric Co	Electric Utility	Sycamore (WI)	WI	3993	2	16.9	Natural Gas Fired Combustion Turbine	NG	GT
2021	12	60558	Rock County Energy Center, LLC	IPP	Minwind 3-9	MN	56123	1	11.6	Onshore Wind Turbine	WND	WT
2021	12	16534	Sacramento Municipal Util Dist	Electric Utility	White Rock/Slab Creek	CA	435	H4	0.5	Conventional Hydroelectric	WAT	HY
2021	12	17166	Sierra Pacific Power Co	Electric Utility	North Valmy	NV	8724	1	254.0	Conventional Steam Coal	SUB	ST
2022	1	59409	Eco Services Corp	Industrial	Houston Plant	TX	52065	GEN2	1.5	All Other	WH	ST
2022	3	12199	Montana Dakota Utilities Co	Electric Utility	R M Heskett	ND	2790	1	29.5	Conventional Steam Coal	LIG	ST
2022	3	12199	Montana Dakota Utilities Co	Electric Utility	R M Heskett	ND	2790	2	74.8	Conventional Steam Coal	LIG	ST
2022	3	60538	Vitro Architectural Glass	Industrial	Works 4	TX	54364	L1G	2.0	Petroleum Liquids	DFO	IC
2022	4	6452	Florida Power & Light Co	Electric Utility	Manatee	FL	6042	1	809.0	Petroleum Liquids	RFO	ST
2022	4	6452	Florida Power & Light Co	Electric Utility	Manatee	FL	6042	2	809.0	Petroleum Liquids	RFO	ST
2022	5	5109	DTE Electric Company	Electric Utility	River Rouge	MI	1743	3	272.0	Conventional Steam Coal	SUB	ST
2022	5	5109	DTE Electric Company	Electric Utility	St Clair	MI	1743	2	154.0	Conventional Steam Coal	RC	ST
2022	5	5109	DTE Electric Company	Electric Utility	St Clair	MI	1743	3	160.0	Conventional Steam Coal	RC	ST
2022	5	5109	DTE Electric Company	Electric Utility	St Clair	MI	1743	6	311.0	Conventional Steam Coal	RC	ST
2022	5	5109	DTE Electric Company	Electric Utility	St Clair	MI	1743	7	440.0	Conventional Steam Coal	RC	ST
2022	5	5109	DTE Electric Company	Electric Utility	Trenton Channel	MI	1745	9	495.0	Conventional Steam Coal	SUB	ST
2022	5	61013	Northern Westchester Hospital	Commercial	Northern Westchester Hospital	NY	61378	4	0.8	Petroleum Liquids	DFO	IC
2022	5	61013	Northern Westchester Hospital	Commercial	Northern Westchester Hospital	NY	61378	5	0.8	Petroleum Liquids	DFO	IC
2022	6	23279	Allegheny Energy Supply Co LLC	IPP	FirstEnergy Pleasants Power Station	WV	6004	1	644.0	Conventional Steam Coal	RC	ST
2022	6	23279	Allegheny Energy Supply Co LLC	IPP	FirstEnergy Pleasants Power Station	WV	6004	2	644.0	Conventional Steam Coal	RC	ST
2022	6	11241	Entergy Louisiana LLC	Electric Utility	Sterlington	LA	1404	7A	47.0	Natural Gas Fired Combustion Turbine	NG	GT
2022	6	56192	Entergy Nuclear Palisades LLC	IPP	Palisades	MI	1715	1	771.6	Nuclear	NUC	ST
2022	6	55937	Entergy Texas Inc	Electric Utility	Sabine	TX	3459	1	211.6	Natural Gas Steam Turbine	NG	ST
2022	6	9210	International Paper Co Riegelwood	Industrial	International Paper Riegelwood Mill	NC	54556	NO 1	7.8	Wood/Wood Waste Biomass	BLQ	ST
2022	6	14584	Pawtucket Power Associates LP	IPP	Pawtucket Power Associates	RI	54056	GEN1	33.0	Natural Gas Fired Combined Cycle	NG	CT
2022	6	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	1	340.0	Conventional Steam Coal	RC	ST
2022	6	15473	Public Service Co of NM	Electric Utility	San Juan	NM	2451	4	507.0	Conventional Steam Coal	RC	ST
2022	8	60791	Monroe County (NY)	Commercial	Iola Powerhouse & Cogeneration Facility	NY	62424	1	1.4	Natural Gas Internal Combustion Engine	NG	IC
2022	8	60791	Monroe County (NY)	Commercial	Iola Powerhouse & Cogeneration Facility	NY	62424	2	1.4	Natural Gas Internal Combustion Engine	NG	IC
2022	8	60791	Monroe County (NY)	Commercial	Iola Powerhouse & Cogeneration Facility	NY	62424	3	1.4	Natural Gas Internal Combustion Engine	NG	IC
2022	9	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3465	2	90.0	Natural Gas Steam Turbine	NG	ST
2022	10	7570	Great River Energy	Electric Utility	Coal Creek	ND	6030	1	565.7	Conventional Steam Coal	RC	ST
2022	10	7570	Great River Energy	Electric Utility	Coal Creek	ND	6030	2	580.5	Conventional Steam Coal	RC	ST
2022	10	7570	Great River Energy	Electric Utility	Coal Creek	ND	6030	4	3.0	Petroleum Liquids	DFO	IC
2022	10	7570	Great River Energy	Electric Utility	Coal Creek	ND	6030	5	3.0	Petroleum Liquids	DFO	IC
2022	12	3989	City of Colorado Springs - (CO)	Electric Utility	Martin Drake	CO	492	6	77.0	Conventional Steam Coal	SUB	ST
2022	12	3989	City of Colorado Springs - (CO)	Electric Utility	Martin Drake	CO	492	7	131.0	Conventional Steam Coal	SUB	ST
2022	12	15470	Duke Energy Indiana, LLC	Electric Utility	R Gallagher	IN	1008	2	140.0	Conventional Steam Coal	BIT	ST

Table 6.6 Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2022	12	15470	Duke Energy Indiana, LLC	Electric Utility	R Gallagher	IN	1008	4	140.0	Conventional Steam Coal	BIT	ST
2022	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	1	76.0	Natural Gas Steam Turbine	NG	ST
2022	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	2	76.0	Natural Gas Steam Turbine	NG	ST
2022	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	6	45.0	Natural Gas Steam Turbine	NG	ST
2022	12	5701	El Paso Electric Co	Electric Utility	Rio Grande	NM	2444	7	46.0	Natural Gas Steam Turbine	NG	ST
2022	12	6909	Gainesville Regional Utilities	Electric Utility	Deerhaven Generating Station	FL	663	1	75.0	Natural Gas Steam Turbine	NG	ST
2022	12	49756	Illinois Power Resources Generating LLC	IPP	E D Edwards	IL	856	2	245.0	Conventional Steam Coal	SUB	ST
2022	12	49756	Illinois Power Resources Generating LLC	IPP	E D Edwards	IL	856	3	315.0	Conventional Steam Coal	SUB	ST
2022	12	9417	Interstate Power and Light Co	Electric Utility	Lansing	IA	1047	4	247.8	Conventional Steam Coal	SUB	ST
2022	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	3	61.0	Petroleum Liquids	DFO	GT
2022	12	13781	Northern States Power Co - Minnesota	Electric Utility	French Island	WI	4005	4	61.0	Petroleum Liquids	DFO	GT
2022	12	13781	Northern States Power Co - Minnesota	Electric Utility	Shorburne County	MN	6090	2	682.0	Conventional Steam Coal	SUB	SI
2022	12	15466	Public Service Co of Colorado	Electric Utility	Comanche (CO)	CO	470	1	325.0	Conventional Steam Coal	SUB	ST
2022	12	17718	Southwestern Public Service Co	Electric Utility	Cunningham	NM	2454	1	71.0	Natural Gas Steam Turbine	NG	ST
2022	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	1	107.0	Natural Gas Steam Turbine	NG	ST
2022	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	1	38.0	Natural Gas Steam Turbine	NG	ST
2022	12	19436	Union Electric Co - (MO)	Electric Utility	Meramec	MO	2104	1	118.0	Natural Gas Steam Turbine	NG	SI
2022	12	19436	Union Electric Co - (MO)	Electric Utility	Meramec	MO	2104	2	118.0	Natural Gas Steam Turbine	NG	SI
2022	12	19436	Union Electric Co - (MO)	Electric Utility	Meramec	MO	2104	3	260.0	Conventional Steam Coal	SUB	ST
2022	12	19436	Union Electric Co - (MO)	Electric Utility	Meramec	MO	2104	4	334.0	Conventional Steam Coal	SUB	SI
2022	12	20856	Wisconsin Power & Light Co	Electric Utility	Edgewater	WI	4050	5	413.6	Conventional Steam Coal	SUB	ST
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY1	0.7	Conventional Hydroelectric	WAT	HY
2023	1	11135	City of Logan - (UT)	Electric Utility	Hydro III	UT	3675	HY2	0.7	Conventional Hydroelectric	WAT	HY
2023	1	57301	Orchard Mesa Irrigation District	Electric Utility	Grand Valley Project Power Plant	CO	473	1	1.5	Conventional Hydroelectric	WAT	HY
2023	1	61956	South Nassau Communities Hospital	Commercial	Mount Sinai South Nassau	NY	62447	1	1.1	Petroleum Liquids	DFO	IC
2023	1	61956	South Nassau Communities Hospital	Commercial	Mount Sinai South Nassau	NY	62447	2	0.8	Petroleum Liquids	DFO	IC
2023	1	61956	South Nassau Communities Hospital	Commercial	Mount Sinai South Nassau	NY	62447	3	1.0	Petroleum Liquids	DFO	IC
2023	1	19876	Virginia Electric & Power Co	Electric Utility	Chesterfield	VA	3797	5	336.0	Conventional Steam Coal	BIT	ST
2023	1	19876	Virginia Electric & Power Co	Electric Utility	Chesterfield	VA	3797	6	670.0	Conventional Steam Coal	BIT	ST
2023	1	19876	Virginia Electric & Power Co	Electric Utility	Yorktown	VA	3809	3	790.0	Petroleum Liquids	RFO	ST
2023	3	50129	Georgia-Pacific Cons Op LLC Port Hudson	Industrial	Georgia-Pacific Port Hudson	LA	10612	GEN2	60.0	Natural Gas Steam Turbine	NG	ST
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTA	20.5	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTB	20.5	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	GTC	20.5	Natural Gas Fired Combined Cycle	NG	CT
2023	3	13399	Nevada Cogeneration Assoc # 1	Electric CHP	Nevada Cogen Assoc#1 GarnetVly	NV	54350	STM	24.0	Natural Gas Fired Combined Cycle	NG	CA
2023	3	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
2023	3	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
2023	3	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
2023	3	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
2023	5	4254	Consumers Energy Co	Electric Utility	Dan E Karn	MI	1702	1A	127.5	Conventional Steam Coal	SUB	ST
2023	5	4254	Consumers Energy Co	Electric Utility	Dan E Karn	MI	1702	1B	127.5	Conventional Steam Coal	SUB	ST
2023	5	4254	Consumers Energy Co	Electric Utility	Dan E Karn	MI	1702	2A	126.5	Conventional Steam Coal	SUB	ST
2023	5	4254	Consumers Energy Co	Electric Utility	Dan E Karn	MI	1702	2B	126.5	Conventional Steam Coal	SUB	ST
2023	5	9267	Hoosier Energy R E C, Inc	Electric Utility	Merom	IN	6213	1	497.0	Conventional Steam Coal	BIT	ST
2023	5	9267	Hoosier Energy R E C, Inc	Electric Utility	Merom	IN	6213	2	494.0	Conventional Steam Coal	BIT	ST
2023	5	9273	Indianapolis Power & Light Co	Electric Utility	AES Petersburg	IN	994	ST2	421.8	Conventional Steam Coal	BIT	ST
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	2-1	35.6	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	2-2	34.2	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	2-3	36.9	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	2-4	35.1	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	3-1	34.6	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	3-2	35.2	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	3-3	34.9	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	3-4	36.1	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	4-1	31.9	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	4-2	33.5	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	4-3	34.1	Natural Gas Fired Combustion Turbine	NG	GT
2023	5	13582	NRG Astoria Gas Turbine Operations Inc	IPP	Astoria Gas Turbines	NY	55243	4-4	33.3	Natural Gas Fired Combustion Turbine	NG	GT
2023	6	18488	City of Taunton	Electric Utility	Cleary Flood Hybrid	MA	1692	8	26.0	Petroleum Liquids	RFO	ST
2023	6	12685	Entergy Mississippi LLC	Electric Utility	Baxter Wilson	MS	2050	1	494.3	Natural Gas Steam Turbine	NG	ST
2023	6	13756	Northern Indiana Pub Serv Co	Electric Utility	R M Schaffner	IN	6085	14	431.0	Conventional Steam Coal	SUB	ST
2023	6	13756	Northern Indiana Pub Serv Co	Electric Utility	R M Schaffner	IN	6085	15	472.0	Conventional Steam Coal	SUB	ST
2023	6	13756	Northern Indiana Pub Serv Co	Electric Utility	R M Schaffner	IN	6085	17	361.0	Conventional Steam Coal	BIT	ST

Table 6-6 Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2023	6	13756	Northern Indiana Pub. Serv. Co.	Electric Utility	R M Schaffler	IN	6085	18	361.0	Conventional Steam Coal	BIT	ST
2023	9	17166	Sierra Pacific Power Co.	Electric Utility	Brunswick	NV	6510	1	2.0	Petroleum Liquids	DFO	IC
2023	9	17166	Sierra Pacific Power Co.	Electric Utility	Brunswick	NV	6510	2	2.0	Petroleum Liquids	DFO	IC
2023	9	17166	Sierra Pacific Power Co.	Electric Utility	Brunswick	NV	6510	3	2.0	Petroleum Liquids	DFO	IC
2023	11	13761	Northern States Power Co. - Minnesota	Electric Utility	Cornell	WI	6086	1	6.2	Conventional Hydroelectric	WAT	HY
2023	11	13761	Northern States Power Co. - Minnesota	Electric Utility	Cornell	WI	6086	2	6.4	Conventional Hydroelectric	WAT	HY
2023	11	13761	Northern States Power Co. - Minnesota	Electric Utility	Cornell	WI	6086	3	6.9	Conventional Hydroelectric	WAT	HY
2023	11	13761	Northern States Power Co. - Minnesota	Electric Utility	Cornell	WI	6086	4	0.4	Conventional Hydroelectric	WAT	HY
2023	12	22148	AES Alamitos LLC	IPP	AES Alamitos LLC	CA	315	3	332.0	Natural Gas Steam Turbine	NG	ST
2023	12	22148	AES Alamitos LLC	IPP	AES Alamitos LLC	CA	315	4	335.0	Natural Gas Steam Turbine	NG	ST
2023	12	22148	AES Alamitos LLC	IPP	AES Alamitos LLC	CA	315	5	465.0	Natural Gas Steam Turbine	NG	ST
2023	12	23693	AES Huntington Beach LLC	IPP	AES Huntington Beach LLC	CA	335	2	225.8	Natural Gas Steam Turbine	NG	ST
2023	12	22484	AES Redondo Beach LLC	IPP	AES Redondo Beach LLC	CA	356	5	175.0	Natural Gas Steam Turbine	NG	ST
2023	12	22484	AES Redondo Beach LLC	IPP	AES Redondo Beach LLC	CA	356	6	175.0	Natural Gas Steam Turbine	NG	ST
2023	12	22484	AES Redondo Beach LLC	IPP	AES Redondo Beach LLC	CA	356	8	480.0	Natural Gas Steam Turbine	NG	ST
2023	12	17878	City of Springfield - (IL)	Electric Utility	Dallman	IL	963	3	177.7	Conventional Steam Coal	BIT	ST
2023	12	15908	GenOn California South, LP	IPP	Ellwood	CA	8076	01	54.0	Natural Gas Fired Combustion Turbine	NG	GT
2023	12	15908	GenOn California South, LP	IPP	Ormond Beach	CA	350	1	741.0	Natural Gas Steam Turbine	NG	ST
2023	12	15908	GenOn California South, LP	IPP	Ormond Beach	CA	350	2	750.0	Natural Gas Steam Turbine	NG	ST
2023	12	13781	Northern States Power Co. - Minnesota	Electric Utility	Blue Lake	MN	8027	1	39.0	Petroleum Liquids	DFO	GT
2023	12	13781	Northern States Power Co. - Minnesota	Electric Utility	Blue Lake	MN	8027	2	39.0	Petroleum Liquids	DFO	GT
2023	12	13781	Northern States Power Co. - Minnesota	Electric Utility	Blue Lake	MN	8027	3	35.0	Petroleum Liquids	DFO	GT
2023	12	13781	Northern States Power Co. - Minnesota	Electric Utility	Blue Lake	MN	8027	4	39.0	Petroleum Liquids	DFO	GT
2023	12	13781	Northern States Power Co. - Minnesota	Electric Utility	French Island	WI	4005	1	9.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co. - Minnesota	Electric Utility	French Island	WI	4005	2	7.0	Wood/Wood Waste Biomass	WDS	ST
2023	12	13781	Northern States Power Co. - Minnesota	Electric Utility	Laverne Battery	MN	58579	1	1.0	Batteries	MWH	BA
2023	12	14063	Oklahoma Gas & Electric Co.	Electric Utility	Horseshoe Lake	OK	2951	6	163.0	Natural Gas Steam Turbine	NG	ST
2023	12	14127	Omaha Public Power District	Electric Utility	North Omaha	NE	2291	1	64.8	Natural Gas Steam Turbine	NG	ST
2023	12	14127	Omaha Public Power District	Electric Utility	North Omaha	NE	2291	2	90.8	Natural Gas Steam Turbine	NG	ST
2023	12	14127	Omaha Public Power District	Electric Utility	North Omaha	NE	2291	3	86.0	Natural Gas Steam Turbine	NG	ST
2023	12	17633	Southern Indiana Gas & Elec Co.	Electric Utility	A B Brown	IN	6137	1	245.0	Conventional Steam Coal	BIT	ST
2023	12	17633	Southern Indiana Gas & Elec Co.	Electric Utility	A B Brown	IN	6137	2	245.0	Conventional Steam Coal	BIT	ST
2023	12	17633	Southern Indiana Gas & Elec Co.	Electric Utility	F B Cullley	IN	1012	2	90.0	Conventional Steam Coal	BIT	ST
2023	12	17718	Southwestern Public Service Co.	Electric Utility	Nichols	TX	3484	2	106.0	Natural Gas Steam Turbine	NG	ST
2024	1	335	Air Liquide Large Industries U.S. LP	Industrial	Geismar Cogen	LA	56787	GTG	77.5	Natural Gas Fired Combustion Turbine	NG	GT
2024	1	11843	Mau Electric Co Ltd	Electric Utility	Kahului	HI	6056	1	4.7	Petroleum Liquids	RFO	ST
2024	1	11843	Mau Electric Co Ltd	Electric Utility	Kahului	HI	6056	2	4.8	Petroleum Liquids	RFO	ST
2024	1	11843	Mau Electric Co Ltd	Electric Utility	Kahului	HI	6056	3	11.0	Petroleum Liquids	RFO	ST
2024	1	11843	Mau Electric Co Ltd	Electric Utility	Kahului	HI	6056	4	11.9	Petroleum Liquids	RFO	ST
2024	1	54888	NRG Texas Power LLC	IPP	Greens Bayou	TX	3464	73	54.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	1	54888	NRG Texas Power LLC	IPP	Greens Bayou	TX	3464	74	54.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	1	54888	NRG Texas Power LLC	IPP	Greens Bayou	TX	3464	81	54.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	1	54888	NRG Texas Power LLC	IPP	Greens Bayou	TX	3464	82	50.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	1	54888	NRG Texas Power LLC	IPP	Greens Bayou	TX	3464	83	64.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	1	54888	NRG Texas Power LLC	IPP	Greens Bayou	TX	3464	84	54.0	Natural Gas Fired Combustion Turbine	NG	GT
2024	1	18642	Tennessee Valley Authority	Electric Utility	Bull Run	TN	3396	1	870.0	Conventional Steam Coal	BIT	ST
2024	6	11241	Entergy Louisiana LLC	Electric Utility	Waterford 1 & 2	LA	8056	2	417.3	Natural Gas Steam Turbine	NG	ST
2024	7	1951	White Pine Electric Power LLC	IPP	White Pine Electric Power	MI	10148	GEN3	18.0	Natural Gas Steam Turbine	NG	ST
2024	11	14328	Pacific Gas & Electric Co.	Electric Utility	Diablo Canyon	CA	6099	1	1,122.0	Nuclear	NUC	ST
2024	12	16604	City of San Antonio - (TX)	Electric Utility	J T Deely	TX	6181	1	420.0	Conventional Steam Coal	SUB	ST
2024	12	16604	City of San Antonio - (TX)	Electric Utility	J T Deely	TX	6181	2	420.0	Conventional Steam Coal	SUB	ST
2024	12	16604	City of San Antonio - (TX)	Electric Utility	V H Brauning	TX	3612	1	217.0	Natural Gas Steam Turbine	NG	ST
2024	12	16604	City of San Antonio - (TX)	Electric Utility	V H Brauning	TX	3612	2	230.0	Natural Gas Steam Turbine	NG	ST
2024	12	16604	City of San Antonio - (TX)	Electric Utility	V H Brauning	TX	3612	3	412.0	Natural Gas Steam Turbine	NG	ST
2024	12	5416	Duke Energy Carolinas, LLC	Electric Utility	G G Allen	NC	2718	1	162.0	Conventional Steam Coal	BIT	ST
2024	12	5416	Duke Energy Carolinas, LLC	Electric Utility	G G Allen	NC	2718	2	162.0	Conventional Steam Coal	BIT	ST
2024	12	5416	Duke Energy Carolinas, LLC	Electric Utility	G G Allen	NC	2718	3	258.0	Conventional Steam Coal	BIT	ST
2024	12	5416	Duke Energy Carolinas, LLC	Electric Utility	G G Allen	NC	2718	4	257.0	Conventional Steam Coal	BIT	ST
2024	12	5416	Duke Energy Carolinas, LLC	Electric Utility	G G Allen	NC	2718	5	259.0	Conventional Steam Coal	BIT	ST
2024	12	56211	Evergy Missouri West	Electric Utility	Kansas City International	MO	6144	1	16.7	Natural Gas Fired Combustion Turbine	NG	GT
2024	12	56211	Evergy Missouri West	Electric Utility	Kansas City International	MO	6144	2	16.9	Natural Gas Fired Combustion Turbine	NG	GT
2024	12	56211	Evergy Missouri West	Electric Utility	Lake Road (MO)	MO	2098	4	97.1	Natural Gas Steam Turbine	NG	ST
2024	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	1	111.8	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
2024	12	11208	Los Angeles Department of Water & Power	Electric Utility	Scattergood	CA	404	2	156.3	Natural Gas Steam Turbine	NG	ST
2024	12	12384	Midwest Generations EME LLC	IPP	Wet County	IL	884	4	510.0	Conventional Steam Coal	SUB	ST
2024	12	13781	Northern States Power Co - Minnesota	Electric Utility	Apple River	WI	6231	1	0.4	Conventional Hydroelectric	WAT	HY
2024	12	13781	Northern States Power Co - Minnesota	Electric Utility	Apple River	WI	6231	3	0.5	Conventional Hydroelectric	WAT	HY
2024	12	13781	Northern States Power Co - Minnesota	Electric Utility	Apple River	WI	6231	4	0.5	Conventional Hydroelectric	WAT	HY
2024	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	1	0.5	Conventional Hydroelectric	WAT	HY
2024	12	13781	Northern States Power Co - Minnesota	Electric Utility	Saxon Falls	WI	1756	2	0.5	Conventional Hydroelectric	WAT	HY
2024	12	13781	Northern States Power Co - Minnesota	Electric Utility	Superior Falls	MI	1757	1	0.5	Conventional Hydroelectric	WAT	HY
2024	12	13781	Northern States Power Co - Minnesota	Electric Utility	Superior Falls	MI	1757	2	0.5	Conventional Hydroelectric	WAT	HY
2024	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3465	3	93.0	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	54868	NRG Texas Power LLC	IPP	W A Parish	TX	3470	1	169.0	Natural Gas Steam Turbine	NG	ST
2025	1	54868	NRG Texas Power LLC	IPP	W A Parish	TX	3470	2	169.0	Natural Gas Steam Turbine	NG	ST
2025	1	54868	NRG Texas Power LLC	IPP	W A Parish	TX	3470	3	273.0	Natural Gas Steam Turbine	NG	ST
2025	1	54868	NRG Texas Power LLC	IPP	W A Parish	TX	3470	4	552.0	Natural Gas Steam Turbine	NG	ST
2025	4	7801	Gulf Power Co	Electric Utility	Pea Ridge	FL	7715	1	4.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	4	7801	Gulf Power Co	Electric Utility	Pea Ridge	FL	7715	2	4.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	4	7801	Gulf Power Co	Electric Utility	Pea Ridge	FL	7715	3	4.0	Natural Gas Fired Combustion Turbine	NG	GT
2025	5	58435	Collinwood BioEnergy	Industrial	Collinwood BioEnergy Facility	OH	58439	CBE01	1.0	Other Waste Biomass	OBG	IC
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	10wt	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	11wt	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	12wt	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	13WT	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	14wt	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	15WT	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	16WT	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	17WT	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	1WT	0.6	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	2WT	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	3WT	0.2	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	4WT	0.5	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	5WT	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	6WT	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	7WT	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	8WT	0.1	Onshore Wind Turbine	WND	WT
2025	5	10451	Kotzebue Electric Assn Inc	Electric Utility	Kotzebue Hybrid	AK	6304	9wt	0.1	Onshore Wind Turbine	WND	WT
2025	6	814	Entergy Arkansas LLC	Electric Utility	Lake Catherine	AR	170	4	522.0	Natural Gas Steam Turbine	NG	ST
2025	7	13781	Northern States Power Co - Minnesota	Electric Utility	White River (WI)	WI	3989	1	0.2	Conventional Hydroelectric	WAT	HY
2025	7	13781	Northern States Power Co - Minnesota	Electric Utility	White River (WI)	WI	3989	2	0.2	Conventional Hydroelectric	WAT	HY
2025	8	14328	Pacific Gas & Electric Co	Electric Utility	Diablo Canyon	CA	6099	2	1,118.0	Nuclear	NUC	ST
2025	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	1	113.0	Natural Gas Steam Turbine	NG	ST
2025	11	13781	Northern States Power Co - Minnesota	Electric Utility	Trego	WI	4012	1	0.4	Conventional Hydroelectric	WAT	HY
2025	11	13781	Northern States Power Co - Minnesota	Electric Utility	Trego	WI	4012	2	0.3	Conventional Hydroelectric	WAT	HY
2025	12	5517	Dynegy Midwest Generation Inc	IPP	Baldwin Energy Complex	IL	889	1	576.0	Conventional Steam Coal	RC	ST
2025	12	5517	Dynegy Midwest Generation Inc	IPP	Baldwin Energy Complex	IL	889	2	581.0	Conventional Steam Coal	RC	ST
2025	12	5517	Dynegy Midwest Generation Inc	IPP	Baldwin Energy Complex	IL	889	3	621.0	Conventional Steam Coal	RC	ST
2025	12	5748	Electric Energy Inc	IPP	Joppa Steam	IL	887	1	158.0	Conventional Steam Coal	RC	ST
2025	12	5748	Electric Energy Inc	IPP	Joppa Steam	IL	887	2	158.0	Conventional Steam Coal	RC	ST
2025	12	5748	Electric Energy Inc	IPP	Joppa Steam	IL	887	3	158.0	Conventional Steam Coal	RC	ST
2025	12	5748	Electric Energy Inc	IPP	Joppa Steam	IL	887	4	158.0	Conventional Steam Coal	RC	ST
2025	12	5748	Electric Energy Inc	IPP	Joppa Steam	IL	887	5	158.0	Conventional Steam Coal	RC	ST
2025	12	5748	Electric Energy Inc	IPP	Joppa Steam	IL	887	6	158.0	Conventional Steam Coal	RC	ST
2025	12	9417	Interstate Power and Light Co	Electric Utility	Prairie Creek	IA	1073	1	2.9	Conventional Steam Coal	SUB	ST
2025	12	9417	Interstate Power and Light Co	Electric Utility	Prairie Creek	IA	1073	3	25.8	Conventional Steam Coal	SUB	ST
2025	12	56155	Lansing Board of Water and Light	Electric Utility	Ericksen Station	MI	1832	1	154.5	Conventional Steam Coal	SUB	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	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

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	15466	Public Service Co of Colorado	Electric Utility	Comanche (CO)	CO	470	2	335.0	Conventional Steam Coal	SUB	ST
2025	12	17166	Sierra Pacific Power Co	Electric Utility	North Valmy	NV	8224	2	268.0	Conventional Steam Coal	SUB	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	19099	TransAlta Centralia Gen LLC	IPP	TransAlta Centralia Generation	WA	3845	2	670.0	Conventional Steam Coal	RC	ST
2025	12	30151	Tri-State G & T Assn, Inc	Electric Utility	Craig (CO)	CO	6021	1	477.0	Conventional Steam Coal	SUB	ST
2026	6	11241	Entergy Louisiana LLC	Electric Utility	Little Gypsy	LA	1402	2	415.0	Natural Gas Steam Turbine	NG	ST
2026	6	55937	Entergy Texas Inc	Electric Utility	Sabine	TX	3459	3	359.0	Natural Gas Steam Turbine	NG	ST
2026	6	55937	Entergy Texas Inc	Electric Utility	Sabine	TX	3459	4	512.5	Natural Gas Steam Turbine	NG	ST
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT1	14.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT2	12.7	Natural Gas Fired Combustion Turbine	NG	GT
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT3	13.7	Natural Gas Fired Combustion Turbine	NG	GT
2026	6	9417	Interstate Power and Light Co	Electric Utility	Burlington (IA)	IA	1104	GT4	5.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	10	6909	Gainesville Regional Utilities	Electric Utility	Daerhaven Generating Station	FL	663	GT1	17.5	Natural Gas Fired Combustion Turbine	NG	GT
2026	10	6909	Gainesville Regional Utilities	Electric Utility	Daerhaven Generating Station	FL	663	GT2	17.5	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	16604	City of San Antonio - (TX)	Electric Utility	O W Sommers	TX	3611	1	420.0	Natural Gas Steam Turbine	NG	ST
2026	12	5416	Duke Energy Carolinas, LLC	Electric Utility	James E. Rogers Energy Complex	NC	2721	5	544.0	Conventional Steam Coal	BIT	ST
2026	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	3	95.0	Natural Gas Steam Turbine	NG	ST
2026	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	4	89.0	Natural Gas Fired Combined Cycle	NG	CA
2026	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT1	69.0	Natural Gas Fired Combined Cycle	NG	CT
2026	12	5701	El Paso Electric Co	Electric Utility	Newman	TX	3456	CT2	69.0	Natural Gas Fired Combined Cycle	NG	CT
2026	12	5860	Empire District Electric Co	Electric Utility	Empire Energy Center	MO	6223	1	78.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	5860	Empire District Electric Co	Electric Utility	Empire Energy Center	MO	6223	2	78.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	56997	Marina Energy LLC	IPP	L'Oreal Piscalaway	NJ	57869	UNIT1	0.8	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	15466	Public Service Co of Colorado	Electric Utility	Alamosa	CO	464	CT1	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2026	12	15466	Public Service Co of Colorado	Electric Utility	Alamosa	CO	464	CT2	14.0	Natural Gas Fired Combustion Turbine	NG	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
2027	1	14354	PacificCorp	Electric Utility	Dave Johnston	WY	4158	3	220.0	Conventional Steam Coal	SUB	ST
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	H1H	0.5	Solar Photovoltaic	SUN	PV
2027	2	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	H1H	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	4	5695	Desert Star Energy Center SD&E	Electric Utility	Desert Star Energy Center	NV	55077	ED01	150.0	Natural Gas Fired Combined Cycle	NG	CT
2027	4	5695	Desert Star Energy Center SD&E	Electric Utility	Desert Star Energy Center	NV	55077	ED02	150.0	Natural Gas Fired Combined Cycle	NG	CT
2027	4	5695	Desert Star Energy Center SD&E	Electric Utility	Desert Star Energy Center	NV	55077	ED03	150.0	Natural Gas Fired Combined Cycle	NG	CA
2027	6	11208	Los Angeles Department of Water & Power	Electric Utility	Intermountain Power Project	UT	6481	1	900.0	Conventional Steam Coal	BIT	ST
2027	6	11208	Los Angeles Department of Water & Power	Electric Utility	Intermountain Power Project	UT	6481	2	900.0	Conventional Steam Coal	BIT	ST
2027	12	59918	Dynegy Kincaid Generation	IPP	Kincaid Generation LLC	IL	876	1	554.0	Conventional Steam Coal	SUB	ST
2027	12	59918	Dynegy Kincaid Generation	IPP	Kincaid Generation LLC	IL	876	2	554.0	Conventional Steam Coal	SUB	ST
2027	12	59920	Dynegy W H Zimmer	IPP	W H Zimmer	OH	6019	ST1	1,305.0	Conventional Steam Coal	BIT	ST
2027	12	520	Illinois Power Generating Co	IPP	Newton	IL	6017	1	595.0	Conventional Steam Coal	RC	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

Table 6.6 Planned U.S. Electric Generating Unit Retirements

Year	Month	Entity ID	Entity Name	Plant Producer Type	Plant Name	Plant State	Plant ID	Generator ID	Net Summer Capacity (MW)	Technology	Energy Source Code	Prime Mover Code
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	St Croix Falls	WI	4011	8	19	Conventional Hydroelectric	WAT	HY
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Winmarth	MN	1934	1	9	Municipal Solid Waste	MSW	ST
2027	12	13781	Northern States Power Co - Minnesota	Electric Utility	Winmarth	MN	1934	2	9	Municipal Solid Waste	MSW	ST
2027	12	15466	Public Service Co of Colorado	Electric Utility	Cherokee	CO	469	4	310	Natural Gas Steam Turbine	NG	ST
2027	12	15466	Public Service Co of Colorado	Electric Utility	Salida	CO	474	2	6	Conventional Hydroelectric	WAT	HY
2027	12	17718	Southwestern Public Service Co	Electric Utility	Plant X	TX	3485	4	190	Natural Gas Steam Turbine	NG	ST
2027	12	59919	Vistra Energy Miami Fort	IPP	Miami Fort	OH	2832	7	510	Conventional Steam Coal	BIT	ST
2027	12	59919	Vistra Energy Miami Fort	IPP	Miami Fort	OH	2832	8	510	Conventional Steam Coal	BIT	ST
2028	1	56997	Marina Energy LLC	IPP	Freeze Solar	NJ	60759	PV1	15	Solar Photovoltaic	SUN	PV
2028	1	19876	Virginia Electric & Power Co	Electric Utility	Allavista Power Station	VA	10773	1	51	Wood/Wood Waste Biomass	WDS	ST
2028	1	19876	Virginia Electric & Power Co	Electric Utility	Hopewell Power Station	VA	10771	1	51	Wood/Wood Waste Biomass	WDS	ST
2028	1	19876	Virginia Electric & Power Co	Electric Utility	Southampton Power Station	VA	10774	1	51	Wood/Wood Waste Biomass	WDS	ST
2028	5	56997	Marina Energy LLC	IPP	Heller 400M	NJ	62438	A	08	Solar Photovoltaic	SUN	PV
2028	5	56997	Marina Energy LLC	IPP	Heller 400M	NJ	62438	B	02	Solar Photovoltaic	SUN	PV
2028	5	56997	Marina Energy LLC	IPP	Heller 400M	NJ	62438	C	02	Solar Photovoltaic	SUN	PV
2028	5	56997	Marina Energy LLC	IPP	Heller Industrial Parks	NJ	57869	HM	08	Solar Photovoltaic	SUN	PV
2028	5	13756	Northern Indiana Pub Serv Co	Electric Utility	Michigan City	IN	997	12	455	Conventional Steam Coal	SUB	ST
2028	9	17166	Sierra Pacific Power Co	Electric Utility	Fort Churchill	NV	2330	2	113	Natural Gas Steam Turbine	NG	ST
2028	9	30151	Tri-State G & T Assn, Inc	Electric Utility	Craig (CO)	CO	6021	2	410	Conventional Steam Coal	SUB	ST
2028	12	16604	City of San Antonio - (TX)	Electric Utility	O W Sommers	TX	3611	2	410	Natural Gas Steam Turbine	NG	ST
2028	12	61944	GSRP	IPP	ACCC Mays Landing	NJ	60802	PV1	14	Solar Photovoltaic	SUN	PV
2028	12	61944	GSRP	IPP	IFF Hazlet	NJ	60709	GRND	30	Solar Photovoltaic	SUN	PV
2028	12	9324	Indiana Michigan Power Co	Electric Utility	Rockport	IN	6166	1	1,300	Conventional Steam Coal	SUB	ST
2028	12	17718	Southwestern Public Service Co	Electric Utility	Maddox	NM	2446	1	112	Natural Gas Steam Turbine	NG	ST
2028	12	19436	Union Electric Co - (MO)	Electric Utility	Sioux	MO	2107	1	487	Conventional Steam Coal	RC	ST
2028	12	19436	Union Electric Co - (MO)	Electric Utility	Sioux	MO	2107	2	487	Conventional Steam Coal	RC	ST
2029	5	5109	DTE Electric Company	Electric Utility	Belle River	MI	6034	ST1	635	Conventional Steam Coal	RC	ST
2029	6	11241	Entergy Louisiana LLC	Electric Utility	Little Gypsy	LA	1402	3	517	Natural Gas Steam Turbine	NG	ST
2029	10	56667	Loraine Windpower Project	IPP	Loraine Windpark Project LLC	TX	57303	LWG1	73.5	Onshore Wind Turbine	WND	WT
2029	12	3989	City of Colorado Springs - (CO)	Electric Utility	Ray D Nixon	CO	8719	1	208	Conventional Steam Coal	SUB	ST
2030	1	30151	Tri State G & T Assn, Inc	Electric Utility	Craig (CO)	CO	6021	3	448	Conventional Steam Coal	SUB	ST
2030	1	54888	NRG Texas Power LLC	IPP	Limestone	TX	296	1	831	Conventional Steam Coal	SUB	ST
2030	1	54888	NRG Texas Power LLC	IPP	Limestone	TX	296	2	858	Conventional Steam Coal	SUB	ST
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	3	104	Natural Gas Fired Combined Cycle	NG	CA
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	31	57	Natural Gas Fired Combined Cycle	NG	CT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	32	57	Natural Gas Fired Combined Cycle	NG	CT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	33	57	Natural Gas Fired Combined Cycle	NG	CT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	34	57	Natural Gas Fired Combined Cycle	NG	CT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	4	104	Natural Gas Fired Combined Cycle	NG	CA
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	41	57	Natural Gas Fired Combined Cycle	NG	CT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	42	57	Natural Gas Fired Combined Cycle	NG	CT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	43	57	Natural Gas Fired Combined Cycle	NG	CT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	44	57	Natural Gas Fired Combined Cycle	NG	CT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	51	58	Natural Gas Fired Combustion Turbine	NG	GT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	52	58	Natural Gas Fired Combustion Turbine	NG	GT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	53	58	Natural Gas Fired Combustion Turbine	NG	GT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	54	58	Natural Gas Fired Combustion Turbine	NG	GT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	55	58	Natural Gas Fired Combustion Turbine	NG	GT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	56	58	Natural Gas Fired Combustion Turbine	NG	GT
2030	1	54888	NRG Texas Power LLC	IPP	T H Wharton	TX	3469	GT1	13	Natural Gas Fired Combustion Turbine	NG	GT
2030	5	5109	DTE Electric Company	Electric Utility	Belle River	MI	6034	ST2	635	Conventional Steam Coal	RC	ST
2030	12	40230	Deseret Generation & Tran Coop	Electric Utility	Bonanza	UT	7790	1	458	Conventional Steam Coal	BIT	ST
2030	12	15143	Platte River Power Authority	Electric Utility	Rawhide	CO	6761	1	280	Conventional Steam Coal	SUB	ST
2030	12	17718	Southwestern Public Service Co	Electric Utility	Nichols	TX	3484	3	244	Natural Gas Steam Turbine	NG	ST
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL00	01	Other Waste Biomass	OBG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL01	01	Other Waste Biomass	OBG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL02	01	Other Waste Biomass	OBG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL03	01	Other Waste Biomass	OBG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL04	01	Other Waste Biomass	OBG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL05	01	Other Waste Biomass	OBG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL06	01	Other Waste Biomass	OBG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL07	01	Other Waste Biomass	OBG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL08	01	Other Waste Biomass	OBG	FC

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
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL09	0.1	Other Waste Biomass	OBG	FC
2031	3	56778	Bloom Energy 2009 PPA	IPP	Caltech Central	CA	57460	CL10	0.1	Other Waste Biomass	OBG	FC
2031	6	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	6(4)	729.5	Natural Gas Steam Turbine	NG	ST
2031	12	803	Arizona Public Service Co	Electric Utility	Four Corners	NM	2442	4	770.0	Conventional Steam Coal	SUB	ST
2031	12	803	Arizona Public Service Co	Electric Utility	Four Corners	NM	2442	5	770.0	Conventional Steam Coal	SUB	ST
2031	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	1	243.0	Natural Gas Steam Turbine	NG	ST
2032	1	54888	NRG Texas Power LLC	IPP	San Jacinto Steam Electric Station	TX	7325	1	81.0	Natural Gas Fired Combustion Turbine	NG	GT
2032	1	54888	NRG Texas Power LLC	IPP	San Jacinto Steam Electric Station	TX	7325	2	81.0	Natural Gas Fired Combustion Turbine	NG	GT
2032	12	16572	Salt River Project	Electric Utility	Coronado	AZ	6177	CO1	380.0	Conventional Steam Coal	RC	ST
2032	12	16572	Salt River Project	Electric Utility	Coronado	AZ	6177	CO2	382.0	Conventional Steam Coal	RC	ST
2033	6	11241	Entergy Louisiana LLC	Electric Utility	Nine Mile Point	LA	1403	5	743.8	Natural Gas Steam Turbine	NG	ST
2034	6	55937	Entergy Texas Inc	Electric Utility	Lewis Creek	TX	3457	1	249.0	Natural Gas Steam Turbine	NG	ST
2034	6	55937	Entergy Texas Inc	Electric Utility	Lewis Creek	TX	3457	2	254.0	Natural Gas Steam Turbine	NG	ST
2034	12	5416	Duke Energy Carolinas, LLC	Electric Utility	Marshall (NC)	NC	2727	1	370.0	Conventional Steam Coal	BIT	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	Shorburne 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	727.5	Natural Gas Steam Turbine	NG	ST
2036	12	17718	Southwestern Public Service Co	Electric Utility	Harrington	TX	6193	1	339.0	Conventional Steam Coal	SUB	ST
2037	11	54888	NRG Texas Power LLC	IPP	NRG Elbow Creek Energy Storage Project	TX	61362	ECBS	2.0	Batteries	MWII	BA
2037	12	17718	Southwestern Public Service Co	Electric Utility	Tolk	TX	6194	1	532.0	Conventional Steam Coal	SUB	ST
2037	12	17718	Southwestern Public Service Co	Electric Utility	Tolk	TX	6194	2	535.0	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	7	56020	NRG Cedar Bayou Development Company LLC	IPP	Cedar Bayou 4	TX	56806	4	172.0	Natural Gas Fired Combined Cycle	NG	CA
2039	7	56020	NRG Cedar Bayou Development Company LLC	IPP	Cedar Bayou 4	TX	56806	41	165.0	Natural Gas Fired Combined Cycle	NG	CT
2039	7	56020	NRG Cedar Bayou Development Company LLC	IPP	Cedar Bayou 4	TX	56806	42	165.0	Natural Gas Fired Combined Cycle	NG	CT
2039	12	19436	Union Electric Co - (MO)	Electric Utility	Rush Island	MO	6155	1	589.0	Conventional Steam Coal	RC	ST
2039	12	19436	Union Electric Co - (MO)	Electric Utility	Rush Island	MO	6155	2	589.0	Conventional Steam Coal	RC	ST
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
2043	12	57170	EDF Renewable Asset Holdings, Inc	IPP	Copenhagen Wind Farm	NY	58979	CPHGN	79.9	Onshore Wind Turbine	WND	WT
2045	1	54888	NRG Texas Power LLC	IPP	W A Parish	TX	3470	5	664.0	Conventional Steam Coal	SUB	ST
2045	1	54888	NRG Texas Power LLC	IPP	W A Parish	TX	3470	6	663.0	Conventional Steam Coal	SUB	ST
2045	1	54888	NRG Texas Power LLC	IPP	W A Parish	TX	3470	7	577.0	Conventional Steam Coal	SUB	ST
2045	1	54888	NRG Texas Power LLC	IPP	W A Parish	TX	3470	8	610.0	Conventional Steam Coal	SUB	ST
2045	1	54888	NRG Texas Power LLC	IPP	W A Parish	TX	3470	GT1	13.0	Natural Gas Fired Combustion Turbine	NG	GT
2045	1	58365	Petra Nova Power I LLC	IPP	W A Parish Carbon Capture Plant	TX	58378	GT2	74.0	Natural Gas Fired Combustion Turbine	NG	GT
2047	7	60455	PVN Miliken, LLC	IPP	PVN Miliken, 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
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	62174	20028	1.0	Solar Photovoltaic	SUN	PV
2049	6	61662	Panda Solar NC 9, LLC	IPP	Panda Solar NC 9, LLC	NC	62127	20027	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
2056	12	17718	Southwestern Public Service Co	Electric Utility	Jones	TX	3482	3	166.0	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

NOTES

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

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

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

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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	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor
Annual Data																
2010	313,393.9	67.1%	202,404.4	44.3%	116,426.0	7.8%	80,233.7	11.1%	2,543.0	6.5%	29,871.2	13.6%	19,565.5	2.0%	5,016.0	2.1%
2011	314,056.1	62.8%	210,518.7	44.3%	119,144.1	7.9%	78,898.6	11.7%	2,822.5	8.4%	28,683.0	12.6%	18,397.7	1.3%	4,986.0	2.2%
2012	304,974.9	56.2%	217,938.2	52.2%	119,319.4	8.9%	74,200.2	13.3%	2,968.8	7.3%	22,483.7	13.7%	17,773.5	1.3%	4,942.5	2.0%
2013	302,604.4	59.4%	219,902.9	48.8%	123,025.6	8.3%	75,810.5	11.2%	2,996.2	8.8%	20,022.9	12.6%	17,224.1	0.9%	4,999.4	2.1%
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	55.0%	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	57.3%	128,832.5	11.3%	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%
Year 2018																
January	251,730.8	64.0%	247,709.0	51.4%	126,362.3	11.7%	78,615.1	10.9%	4,280.9	11.8%	13,440.4	19.9%	14,336.6	3.5%	5,330.8	2.5%
February	250,522.8	49.1%	247,709.0	51.6%	126,189.1	9.3%	78,185.1	5.8%	4,292.9	12.0%	13,440.4	12.1%	14,336.6	0.8%	5,333.5	1.8%
March	249,781.8	43.8%	247,709.0	49.1%	126,170.5	10.3%	77,411.2	7.5%	4,288.5	11.9%	13,440.4	10.9%	14,336.6	0.9%	5,326.9	1.8%
April	248,603.8	41.5%	248,199.0	45.6%	126,338.5	10.5%	77,369.9	8.5%	4,372.4	10.9%	13,440.4	12.9%	14,336.6	1.0%	5,317.8	2.0%
May	248,603.8	46.7%	252,604.7	49.8%	126,690.5	11.3%	76,359.3	15.3%	4,372.4	12.0%	13,440.4	10.0%	14,336.6	1.1%	5,319.2	1.8%
June	245,407.8	58.0%	255,100.3	58.7%	126,881.1	12.4%	75,658.1	16.3%	4,362.4	13.1%	13,440.4	15.0%	14,166.6	1.4%	5,275.1	1.8%
July	245,407.8	63.8%	256,721.3	69.8%	126,878.6	16.3%	75,658.1	23.3%	4,369.0	18.3%	13,440.4	16.6%	14,166.6	1.5%	5,276.5	1.8%
August	245,407.8	63.6%	257,487.3	69.3%	127,267.4	15.0%	75,658.1	20.3%	4,594.6	16.9%	13,440.4	15.6%	14,166.6	1.3%	5,277.8	2.1%
Sept	245,113.4	55.3%	258,463.3	63.2%	127,146.3	13.8%	75,650.6	15.6%	4,594.3	13.8%	13,440.4	16.9%	14,166.6	1.3%	5,274.0	2.0%
October	244,837.5	48.5%	258,836.7	52.9%	127,104.0	11.6%	75,120.6	12.6%	4,595.0	12.4%	13,440.4	13.7%	14,166.6	1.1%	5,269.0	2.0%
November	244,426.5	53.2%	260,948.0	48.8%	126,977.7	10.5%	74,758.6	8.7%	4,613.6	11.7%	13,440.4	13.4%	14,154.6	1.1%	5,240.4	1.8%
December	242,785.6	55.9%	260,868.5	48.9%	127,108.3	9.1%	73,841.6	6.3%	4,613.6	11.0%	11,788.4	12.6%	14,154.6	1.0%	5,237.9	1.7%
Year 2019																
January	241,507.5	56.6%	261,918.1	54.6%	128,218.2	9.6%	73,728.3	8.4%	4,620.8	12.9%	11,347.1	12.8%	14,037.5	1.4%	5,285.8	2.0%
February	239,252.5	50.4%	261,918.1	55.8%	128,218.2	9.9%	73,730.3	6.9%	4,695.3	14.2%	11,347.1	12.5%	14,037.5	0.9%	5,287.8	1.9%
March	238,021.5	45.0%	261,601.1	51.0%	128,164.0	9.3%	73,188.3	9.3%	4,695.3	12.8%	11,347.1	11.8%	14,018.5	0.6%	5,287.4	1.7%
April	236,625.1	35.7%	264,436.4	45.8%	128,276.4	9.7%	73,191.0	10.9%	4,878.7	12.5%	11,201.1	10.9%	14,018.5	0.8%	5,283.2	1.7%
May	235,815.1	41.7%	265,631.1	49.2%	128,705.3	10.2%	73,191.0	13.7%	4,881.7	12.4%	11,201.1	16.4%	14,018.5	1.0%	5,290.0	1.9%
June	235,767.5	46.9%	268,823.5	59.9%	128,828.7	11.2%	72,899.9	16.7%	4,881.2	14.4%	11,201.1	15.6%	14,008.2	1.1%	5,289.2	1.9%
July	234,785.0	58.3%	269,668.1	70.5%	129,173.4	15.0%	72,853.9	24.9%	4,903.2	20.1%	11,201.1	17.5%	14,008.2	1.1%	5,293.9	2.1%
August	234,785.0	54.6%	269,668.1	71.6%	129,318.4	14.9%	72,853.9	26.1%	4,903.2	20.4%	11,201.1	16.7%	14,002.5	1.3%	5,292.1	2.2%
Sept	233,847.0	51.4%	269,668.1	64.7%	129,278.4	12.9%	72,853.9	19.8%	4,903.2	17.4%	11,134.1	14.4%	14,002.5	1.2%	5,292.6	2.4%
October	233,086.4	39.3%	269,110.5	54.5%	129,348.4	11.6%	72,211.9	14.6%	4,903.2	15.5%	11,134.1	8.6%	14,002.5	1.2%	5,292.1	2.3%
November	229,164.4	46.0%	269,670.1	52.2%	129,314.4	10.9%	72,038.9	8.7%	4,903.2	16.1%	11,134.1	7.6%	14,002.5	0.8%	5,292.9	2.0%
December	228,657.4	43.3%	269,766.0	57.4%	129,098.3	10.2%	70,909.4	8.4%	5,001.6	14.1%	11,134.1	8.6%	13,962.5	0.8%	5,267.4	2.1%
Year 2020																
January	226,644.4	39.1%	270,483.6	58.4%	129,100.1	8.9%	70,909.4	9.4%	4,929.1	10.9%	11,134.1	11.0%	13,962.5	1.0%	5,268.6	1.8%
February	226,601.9	36.4%	270,626.6	58.8%	129,186.5	9.2%	70,909.4	9.4%	5,019.5	11.4%	11,134.1	8.9%	13,938.5	0.8%	5,268.6	1.8%
March	225,736.5	30.9%	271,907.9	52.2%	129,114.4	9.7%	70,885.6	10.9%	5,023.9	13.1%	11,134.1	13.6%	13,706.5	0.8%	5,268.6	1.6%
April	225,756.5	25.5%	272,907.9	47.3%	129,111.6	8.0%	70,885.6	10.2%	5,119.1	10.8%	11,134.1	12.8%	13,706.5	0.6%	5,268.6	1.5%
May	224,526.7	28.5%	274,174.1	48.2%	129,099.6	9.0%	70,753.6	12.0%	5,157.5	11.3%	11,134.1	11.2%	13,706.5	0.8%	5,268.6	1.4%
June	223,559.6	41.4%	275,920.1	59.6%	129,036.0	13.7%	70,753.6	17.7%	5,150.2	15.1%	11,134.1	16.1%	13,706.5	1.7%	5,268.6	1.7%
July	223,559.6	56.2%	275,920.1	70.8%	129,122.0	22.4%	70,735.8	28.0%	5,150.2	21.4%	11,134.1	17.0%	13,706.5	3.5%	5,268.9	2.2%
August	223,040.6	56.0%	275,934.2	69.1%	129,214.0	17.1%	70,735.8	23.4%	5,150.2	20.6%	11,134.1	16.7%	13,706.5	2.2%	5,273.9	1.8%
Sept	222,390.6	43.6%	275,976.5	60.1%	129,214.8	11.5%	70,735.8	16.1%	5,150.2	15.4%	11,134.1	12.8%	13,706.5	0.9%	5,273.9	2.1%

Values for 2019 and prior years are final. Values for 2020 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.

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Table 6 07 B Capacity Factors for Utility Scale Generators Primarily Using Non-Fossil Fuels

Year/Month	Geothermal		Hydroelectric		Nuclear		Other Biomass		Other Gas		Solar				Wind		Wood	
	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor	Time Adjusted Capacity	Capacity Factor
Annual Data																		
2010	2,392.1	71.6%	78,810.3	37.5%	101,167.4	91.1%	4,298.7	64.2%	1,929.0	50.5%	206.8	20.2%	473.0	24.5%	35,702.6	29.7%	6,991.5	61.5%
2011	2,407.9	71.5%	78,564.7	45.8%	101,265.1	89.1%	4,469.8	64.2%	1,902.7	54.1%	537.0	19.0%	485.3	23.9%	42,019.2	32.1%	7,000.3	59.6%
2012	2,531.8	68.3%	78,296.6	39.6%	101,166.0	86.6%	4,639.7	63.3%	1,802.8	59.6%	1,527.1	20.4%	476.0	23.6%	49,458.0	31.8%	7,089.1	61.3%
2013	2,509.5	71.8%	78,873.5	38.8%	99,006.8	90.8%	4,949.7	62.3%	2,171.6	55.9%	3,525.2	24.5%	552.1	17.4%	59,175.6	32.4%	7,887.9	59.0%
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%	79,698.0	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	34.3%	8,485.0	59.0%
Year 2018																		
January	2,387.5	75.3%	79,771.8	42.2%	99,730.6	100.6%	5,108.5	62.2%	2,543.9	66.2%	25,311.1	16.3%	1,757.9	10.0%	87,552.6	38.7%	8,813.0	65.3%
February	2,403.5	78.9%	79,771.8	46.4%	99,730.6	96.7%	5,083.1	64.6%	2,543.9	66.6%	25,968.4	20.9%	1,757.9	16.1%	88,563.2	38.8%	8,813.0	62.5%
March	2,382.2	76.8%	79,785.3	43.6%	99,730.6	90.3%	5,086.1	62.0%	2,543.9	63.3%	26,067.6	24.3%	1,757.9	19.2%	88,787.7	40.1%	8,780.5	61.7%
April	2,392.2	69.0%	79,792.3	48.9%	99,730.6	82.4%	5,086.1	60.9%	2,543.9	61.6%	26,591.3	29.7%	1,757.9	24.4%	88,789.2	41.3%	8,780.5	55.6%
May	2,392.2	77.1%	79,753.3	51.3%	99,730.6	90.7%	5,083.5	59.4%	2,543.9	63.2%	26,859.7	31.8%	1,757.9	32.9%	89,066.2	36.0%	8,761.5	58.0%
June	2,392.2	75.5%	79,753.8	48.1%	99,730.6	97.1%	5,006.9	63.0%	2,543.9	64.1%	27,291.3	34.9%	1,757.9	41.7%	89,078.2	38.4%	8,775.5	61.7%
July	2,392.2	77.0%	79,751.6	47.3%	99,730.6	97.7%	5,050.2	62.3%	2,543.9	65.8%	27,451.7	31.1%	1,757.9	30.1%	89,227.2	24.7%	8,767.2	63.7%
August	2,392.2	76.8%	79,751.6	37.1%	99,730.6	97.4%	5,042.5	62.6%	2,543.9	68.7%	27,590.1	30.5%	1,757.9	32.5%	89,387.5	29.8%	8,748.7	62.2%
Sept	2,392.2	77.1%	79,751.6	33.4%	99,277.9	90.3%	5,042.5	58.3%	2,543.9	67.2%	27,674.0	27.7%	1,757.9	34.8%	89,469.5	28.6%	8,748.7	58.5%
October	2,392.2	71.5%	79,753.6	32.9%	99,277.9	80.4%	5,041.4	61.0%	2,543.9	64.3%	27,989.5	22.4%	1,757.9	20.7%	89,941.8	31.5%	8,748.7	56.5%
November	2,392.2	77.3%	79,753.6	38.1%	99,432.9	89.3%	5,039.0	62.3%	2,543.9	67.4%	28,158.3	17.3%	1,757.9	13.3%	90,282.8	33.8%	8,694.6	60.4%
December	2,387.9	79.4%	79,870.8	38.4%	99,432.9	96.9%	5,038.6	63.2%	2,543.9	67.0%	28,690.2	13.7%	1,757.9	7.0%	90,534.1	34.8%	8,694.6	61.4%
Year 2019																		
January	2,527.5	73.9%	79,881.1	41.7%	99,440.4	99.6%	4,894.7	63.2%	2,509.0	68.2%	30,238.8	15.2%	1,758.1	8.4%	94,361.8	34.3%	8,716.6	62.0%
February	2,527.5	76.1%	79,883.6	42.6%	99,440.4	96.8%	4,894.7	62.3%	2,509.0	64.8%	30,911.4	17.7%	1,758.1	10.9%	95,284.6	35.2%	8,716.6	60.7%
March	2,527.5	75.6%	79,897.2	44.3%	99,440.4	88.0%	4,796.3	61.4%	2,509.0	61.6%	31,124.1	24.1%	1,758.1	19.8%	95,776.4	35.8%	8,565.9	57.6%
April	2,535.4	68.7%	79,897.2	48.4%	99,595.4	84.5%	4,785.1	59.9%	2,514.0	62.1%	31,355.0	28.4%	1,758.1	25.5%	96,608.9	41.5%	8,553.5	52.8%
May	2,535.4	71.1%	79,874.5	53.6%	98,921.8	90.8%	4,783.7	61.5%	2,514.0	67.6%	31,466.6	29.1%	1,758.1	25.7%	96,610.5	35.6%	8,538.5	54.1%
June	2,535.4	72.8%	79,878.4	48.8%	98,921.8	96.6%	4,764.2	64.2%	2,499.2	67.5%	31,528.4	32.9%	1,758.1	35.5%	96,840.0	31.8%	8,469.0	58.2%
July	2,535.4	72.9%	79,879.9	41.9%	98,921.8	98.1%	4,765.8	63.8%	2,499.2	68.5%	31,803.5	32.4%	1,758.1	31.4%	98,084.1	30.1%	8,498.4	61.4%
August	2,535.4	73.9%	79,776.1	38.0%	98,921.8	97.7%	4,765.9	64.4%	2,499.2	68.0%	32,079.8	31.0%	1,758.1	32.0%	98,359.7	27.0%	8,498.4	62.7%
Sept	2,535.4	74.9%	79,775.9	32.3%	98,119.0	93.1%	4,754.4	62.6%	2,499.2	72.4%	32,302.5	27.4%	1,758.1	24.3%	98,668.1	34.1%	8,409.1	59.2%
October	2,535.4	60.5%	79,772.0	30.8%	98,119.0	85.0%	4,754.4	61.5%	2,499.2	64.4%	32,556.1	23.3%	1,758.1	23.0%	99,662.8	37.1%	8,305.5	57.0%
November	2,535.4	53.3%	79,772.0	35.2%	98,119.0	90.8%	4,751.2	61.5%	2,499.2	71.6%	33,001.5	17.4%	1,758.1	11.5%	99,618.3	34.7%	8,305.5	60.2%
December	2,555.4	61.5%	79,772.0	36.2%	98,119.0	100.1%	4,735.4	63.7%	2,499.2	72.2%	33,658.4	12.8%	1,758.1	5.4%	100,729.8	34.8%	8,258.5	62.7%
Year 2020																		
January	2,555.4	65.8%	79,772.7	42.8%	98,137.0	101.6%	4,740.6	64.9%	2,507.2	70.7%	35,635.8	16.8%	1,758.1	8.1%	103,480.4	36.4%	8,374.5	61.6%
February	2,555.4	70.9%	79,772.3	47.5%	98,137.0	96.6%	4,741.2	62.6%	2,507.2	70.6%	36,831.1	21.4%	1,758.1	14.5%	104,173.7	40.1%	8,383.0	61.7%
March	2,555.4	79.1%	79,772.3	39.5%	98,137.0	87.7%	4,741.2	65.9%	2,507.2	61.6%	37,240.7	27.4%	1,758.1	14.6%	104,258.8	37.5%	8,383.0	58.5%
April	2,555.4	78.2%	79,772.3	38.2%	97,120.9	83.8%	4,741.2	64.4%	2,507.2	59.9%	37,459.8	28.2%	1,758.1	24.2%	105,867.0	38.4%	8,383.0	57.3%
May	2,555.4	75.7%	79,782.3	51.5%	97,120.9	89.0%	4,724.1	63.7%	2,507.2	62.9%	38,107.8	32.2%	1,758.1	31.5%	106,147.0	35.4%	8,383.0	57.4%
June	2,555.4	74.0%	79,782.3	50.7%	97,120.9	96.1%	4,659.2	60.4%	2,507.2	62.6%	38,491.6	32.4%	1,758.1	29.7%	107,006.4	38.5%	8,383.0	57.7%
July	2,555.4	74.9%	79,784.3	46.8%	97,120.9	96.0%	4,659.2	63.7%	2,507.2	66.5%	38,695.7	33.4%	1,758.1	33.2%	107,691.4	28.0%	8,383.0	57.3%
August	2,555.4	74.7%	79,810.4	40.8%	97,120.9	95.5%	4,659.2	64.4%	2,507.2	66.7%	40,109.6	29.5%	1,758.1	28.0%	107,893.4	28.0%	8,383.0	60.0%
Sept	2,555.4	75.2%	79,810.4	33.3%	96,519.5	94.6%	4,660.8	62.4%	2,507.2	68.6%	40,809.8	25.2%	1,758.1	22.3%	108,434.2	29.3%	8,383.0	56.3%

Values for 2019 and prior years are final. Values for 2020 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'.

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Table 6.07.C Usage Factors for Utility Scale Storage
Generators

Year/Month	Battery		Pumped Storage	
	Time Adjusted Capacity	Usage Factor	Time Adjusted Capacity	Usage Factor
Annual Data				
2013	126.7	0.7%	22,389.3	9.8%
2014	155.1	1.7%	22,477.9	10.2%
2015	205.8	3.8%	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%
Year 2018				
January	643.7	5.2%	22,785.2	9.8%
February	663.5	5.1%	22,785.2	9.6%
March	667.1	5.2%	22,785.2	7.9%
April	681.1	5.0%	22,785.2	8.2%
May	690.6	5.2%	22,830.2	11.0%
June	698.1	4.9%	22,830.2	13.2%
July	742.1	5.6%	22,830.2	15.5%
August	740.1	5.6%	22,830.2	16.1%
Sept	748.4	5.6%	22,830.2	12.2%
October	748.9	5.0%	22,830.2	8.4%
November	768.9	5.3%	22,830.2	8.2%
December	770.7	5.1%	22,830.2	7.7%
Year 2019				
January	864.8	5.5%	22,721.3	9.3%
February	877.1	5.7%	22,721.3	9.2%
March	901.9	6.7%	22,721.3	8.3%
April	931.0	5.9%	22,721.3	10.2%
May	934.7	5.9%	22,721.3	11.8%
June	939.7	5.2%	22,778.3	11.7%
July	967.9	5.2%	22,778.3	15.1%
August	983.9	5.0%	22,778.3	13.7%
Sept	990.8	5.8%	22,778.3	12.4%
October	998.7	4.5%	22,778.3	8.3%
November	1,001.2	5.2%	22,778.3	7.2%
December	1,005.2	5.0%	22,778.3	7.8%
Year 2020				
January	1,088.8	4.0%	22,778.3	8.0%
February	1,034.7	4.5%	22,778.3	9.1%
March	1,032.2	4.9%	22,778.3	7.9%
April	1,047.0	4.1%	22,795.3	8.2%
May	1,058.9	3.9%	22,795.3	10.8%
June	1,060.8	4.1%	22,795.3	13.5%
July	1,064.4	4.0%	22,795.3	16.0%
August	1,317.2	3.6%	22,795.3	15.1%
Sept	1,348.9	3.8%	22,795.3	11.7%

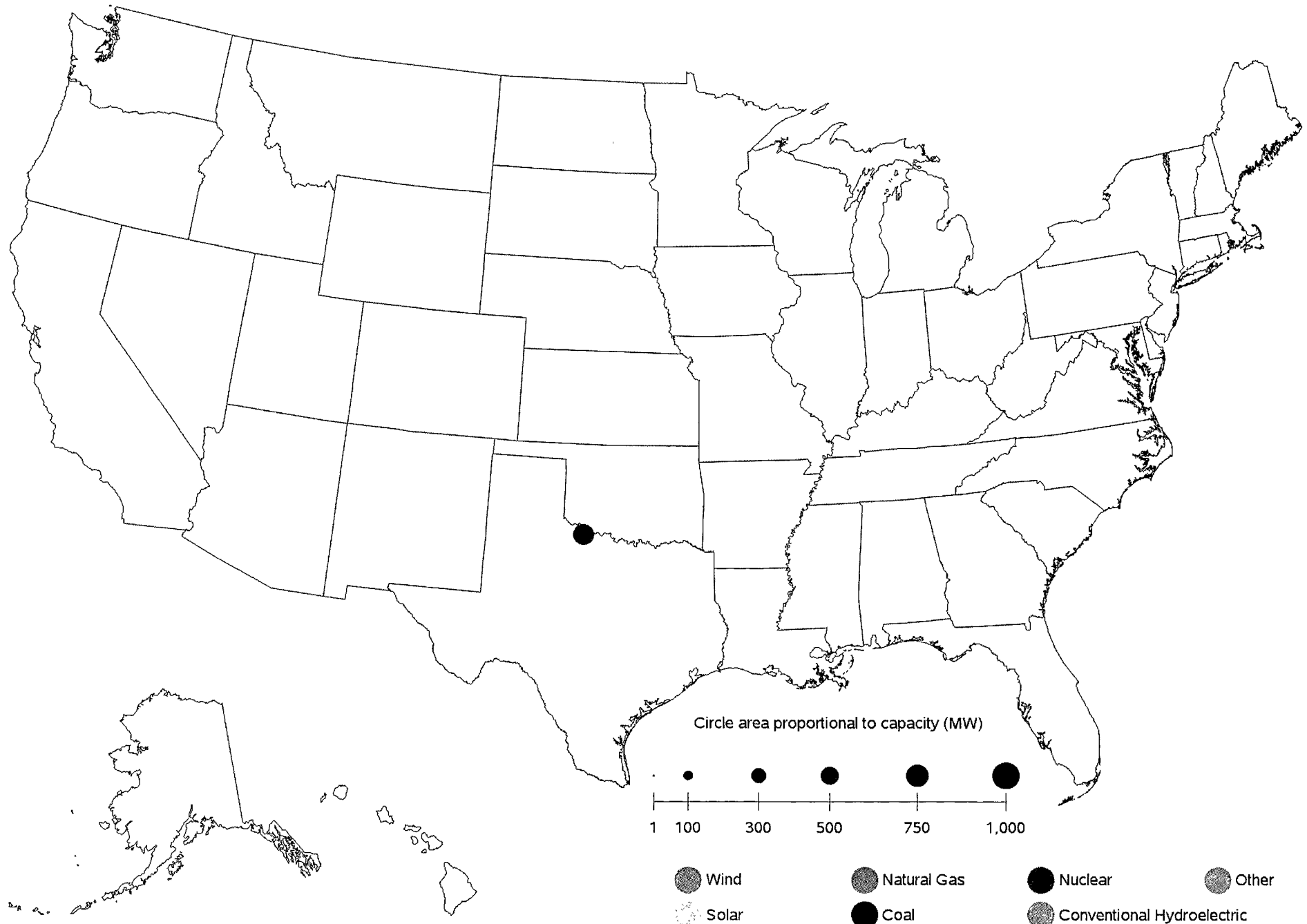
Values for 2019 and prior years are final. Values for 2020 are preliminary.
Time adjusted capacity for month rows is the summer capacity of generators in operation for the entire month; units that began operation during the month or that retired during the month are excluded. Time adjusted capacity for 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 September 2020



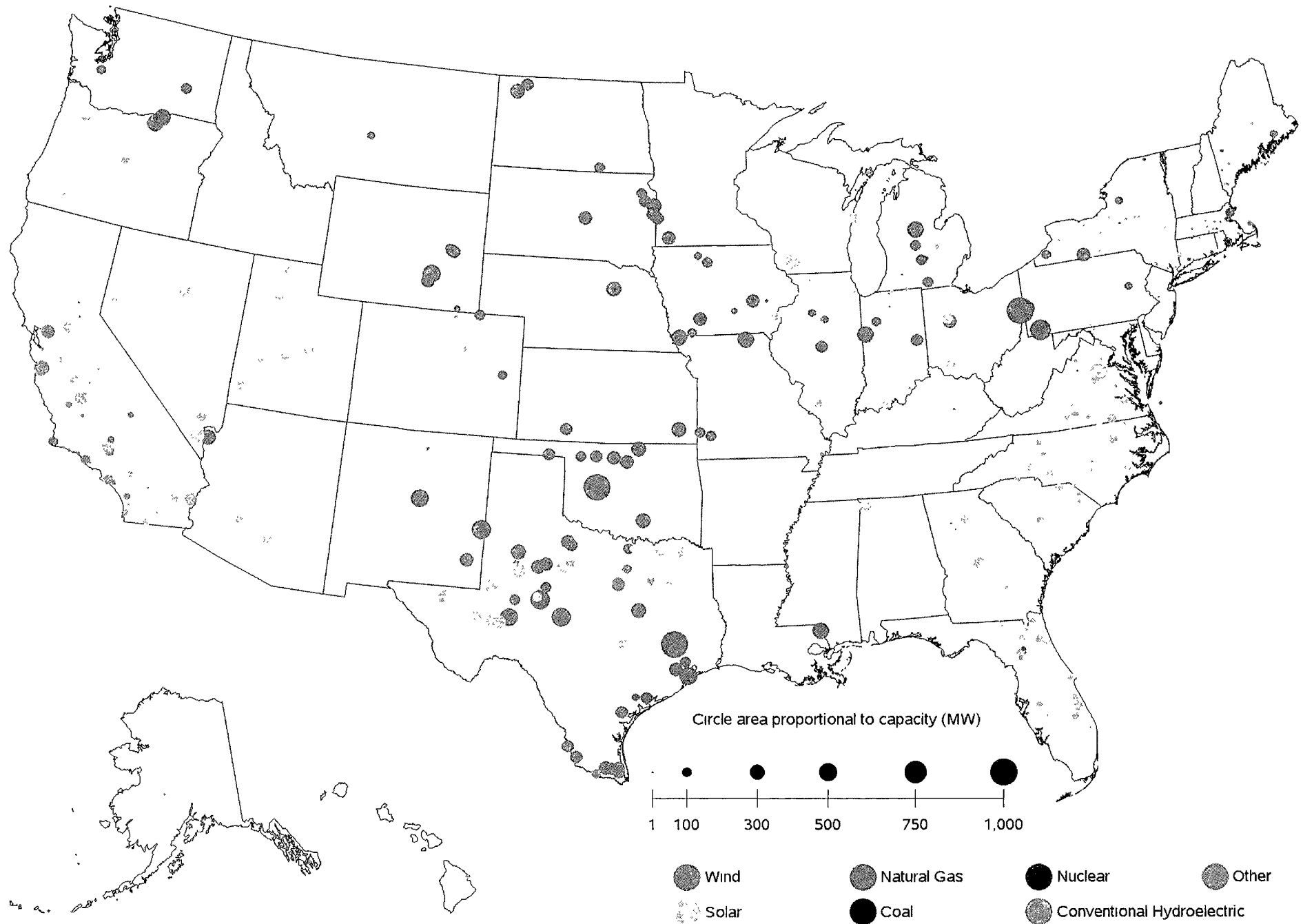
Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.B. Utility-Scale Generating Units Retired in September 2020



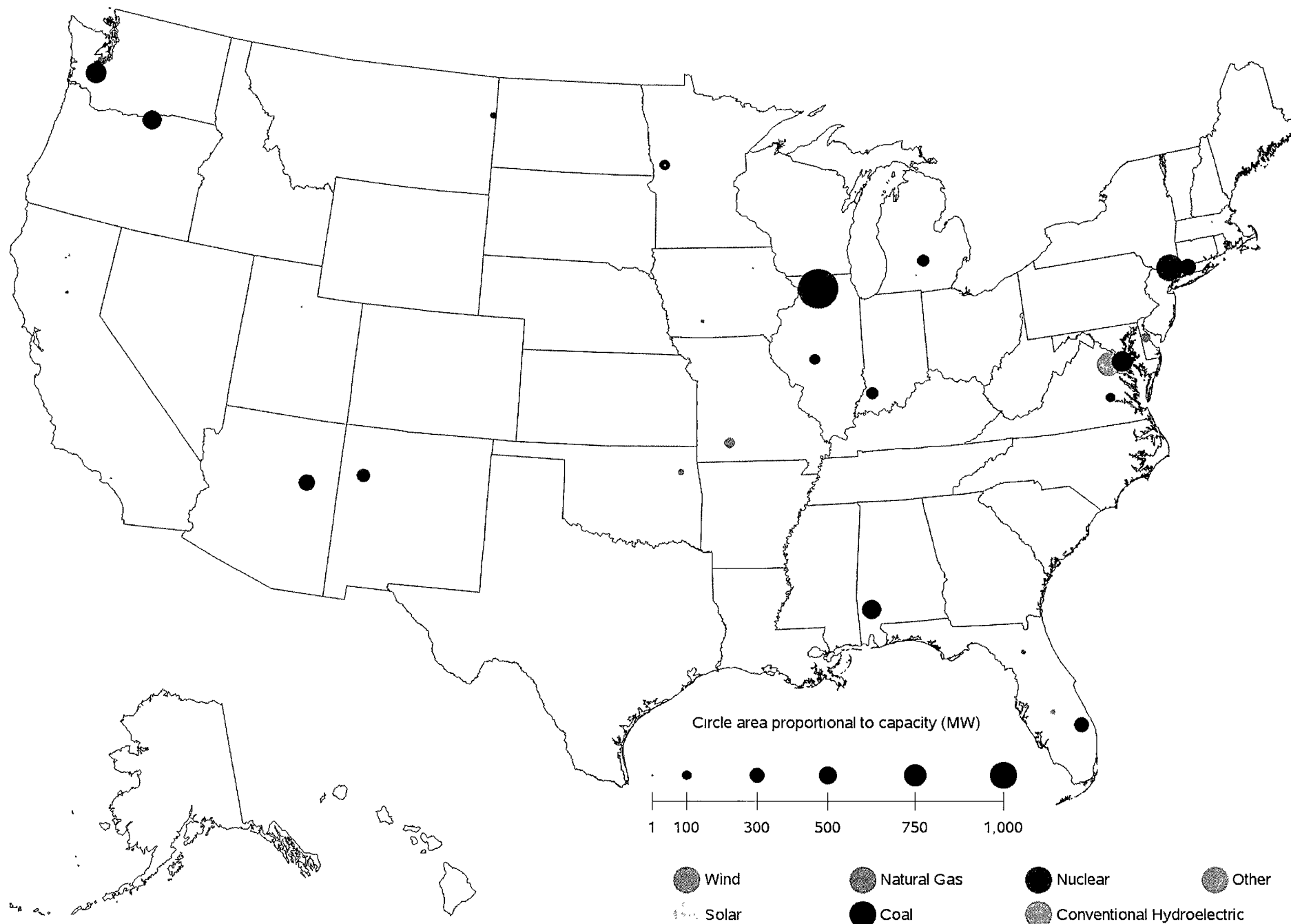
Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report' and Form EIA-860M, 'Monthly Update to the Annual Electric Generator Report.'

Figure 6.1.C. Utility-Scale Generating Units Planned to Come Online from October 2020 to September 2021



Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator¹⁹⁵ 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 October 2020 to September 2021



Sources: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator¹⁹⁶ 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
Year 2018							
January	4,738,934	680,100	485,831	459,404	5,224,765	1,139,504	4,085,261
February	4,314,276	926,822	473,386	340,682	4,787,662	1,267,504	3,520,158
March	5,045,055	707,032	553,462	488,339	5,598,517	1,195,371	4,403,146
April	4,067,648	1,134,937	461,095	486,681	4,528,743	1,621,618	2,907,125
May	4,865,120	569,954	374,033	571,444	5,239,153	1,141,398	4,097,755
June	5,002,142	534,488	491,763	680,851	5,493,905	1,215,339	4,278,566
July	4,669,081	176,762	701,543	758,502	5,370,624	935,264	4,435,360
August	5,430,607	272,018	705,309	862,128	6,135,916	1,134,146	5,001,770
Sept	3,648,158	437,073	602,500	623,925	4,250,658	1,060,998	3,189,660
October	3,097,802	455,738	620,775	428,265	3,718,577	884,003	2,834,574
November	3,163,062	878,523	649,802	406,045	3,812,864	1,284,568	2,528,296
December	3,452,742	516,623	646,476	408,156	4,099,218	924,779	3,174,439
Year 2019							
January	4,098,844	942,436	705,708	521,104	4,804,552	1,463,540	3,341,012
February	3,777,272	898,202	774,241	519,458	4,551,513	1,417,660	3,133,853
March	4,200,904	1,961,134	748,858	587,848	4,949,762	2,548,982	2,400,780
April	3,880,049	1,558,941	474,744	409,476	4,354,793	1,968,417	2,386,376
May	4,333,483	1,164,351	389,959	517,695	4,723,442	1,682,046	3,041,396
June	4,731,849	905,149	424,419	620,623	5,156,268	1,525,772	3,630,496
July	5,057,622	1,250,152	584,912	707,229	5,642,534	1,957,381	3,685,153
August	5,266,917	1,036,625	597,828	748,206	5,864,745	1,784,831	4,079,914
Sept	4,741,429	1,095,245	551,397	680,604	5,292,826	1,775,849	3,516,977
October	3,179,364	1,041,990	481,831	422,942	3,661,195	1,464,932	2,196,263
November	4,299,127	875,191	540,154	368,755	4,839,281	1,243,946	3,595,335
December	4,742,394	802,651	469,156	372,025	5,211,550	1,174,676	4,036,874
Year 2020							
January	4,227,127	1,275,526	380,376	149,763	4,607,503	1,425,289	3,182,214
February	4,145,482	1,328,868	341,262	326,366	4,486,744	1,655,234	2,831,510
March	4,731,546	898,868	363,374	418,438	5,094,920	1,317,306	3,777,614
April	4,433,870	1,112,187	253,564	363,057	4,687,434	1,475,244	3,212,190
May	4,958,324	1,043,022	217,749	472,500	5,176,073	1,515,522	3,660,551
June	4,915,670	867,147	286,111	434,614	5,201,781	1,301,761	3,900,020
July	6,280,482	740,263	367,673	480,776	6,648,155	1,221,039	5,427,116
August	6,367,384	435,787	445,831	494,764	6,813,215	930,551	5,882,664
Sept	4,217,633	503,089	476,204	450,430	4,693,837	953,519	3,740,318

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

Chapter 8

Puerto Rico