

Table 2.1. Existing Net Summer Capacity by Energy Source and Producer Type, 1995 through 2006
(Megawatts)

Period	Coal ¹	Petroleum ²	Natural Gas ³	Other Gases ⁴	Nuclear	Hydroelectric Conventional ⁵	Other Renewables ⁶	Hydroelectric Pumped Storage ⁷	Other ⁸	Total
Total (All Sectors)										
1995.....	311,386	66,622 ^R	174,482 ^R	1,661	99,515	78,562	15,300	21,387	550	769,463
1996.....	313,382	72,518 ^R	174,135 ^R	1,664	100,784	76,437	15,309	21,110	550	775,890
1997.....	313,624	72,463 ^R	176,471 ^R	1,525	99,716	79,415	15,351	19,310	774	778,649
1998.....	315,786	66,282 ^R	180,288 ^R	1,520	97,070	79,151	15,444	19,518	810	775,868
1999.....	315,496	60,069 ^R	195,119 ^R	1,909	97,411	79,393	15,942	19,565	1,023	785,927
2000.....	315,114	61,837 ^R	219,590 ^R	2,342	97,860	79,359	15,572	19,522	523	811,719
2001.....	314,230	66,162 ^R	252,832 ^R	1,670	98,159	78,916	16,101 ^R	19,664	519 ^R	848,254
2002.....	315,350	59,651 ^R	312,512 ^R	2,008	98,657	79,356	16,710 ^R	20,371	686 ^R	905,301
2003.....	313,019	60,730 ^R	355,442 ^R	1,994	99,209	78,694	18,153 ^R	20,522	684 ^R	948,446
2004.....	313,020	59,119	371,011	2,296	99,628	77,641	18,717 ^R	20,764	746 ^R	962,942
2005.....	313,380	58,548	383,061	2,063	99,988	77,541	21,205 ^R	21,347	887 ^R	978,020
2006.....	312,956	58,097	388,294	2,256	100,334	77,821	24,113	21,461	882	986,215
Electricity Generators, Electric Utilities										
1995.....	300,569	64,451 ^R	142,295 ^R	291	99,515	75,274	2,330	21,387	--	706,111
1996.....	302,420	70,421 ^R	139,936 ^R	63	100,784	73,129	2,079	21,110	--	709,942
1997.....	302,866	69,557 ^R	141,713 ^R	206	99,716	76,177	2,123	19,310	222	711,889
1998.....	299,739	62,704 ^R	130,404 ^R	55	97,070	75,525	2,067	18,898	229	686,692
1999.....	277,780	49,020 ^R	123,192 ^R	220	95,030	74,122	790	18,945	224	639,324
2000.....	260,990	41,032 ^R	123,665 ^R	57	85,968	73,738	837	18,020	13	604,319
2001.....	244,451	38,456 ^R	112,841 ^R	57	63,060	72,968	979	17,097	13	549,920
2002.....	244,056	33,876	127,692	61	63,202	73,391	959 ^R	17,807	--	561,074
2003.....	236,473	32,570	125,612	61	60,964	72,827	925	17,803	13	547,249
2004.....	235,976	31,415	131,734	58	60,651	71,696	960	18,048	13	550,550
2005.....	229,705 ^R	30,867 ^R	147,752 ^R	-- ^R	56,564 ^R	71,568 ^R	1,545 ^R	18,195 ^R	39	556,235 ^R
2006.....	230,644	30,419	157,742	104	56,143	71,840	2,291	18,301	39	567,523
Electricity Generators, Independent Power Producers										
1995.....	719	221	2,987	--	--	2,151	6,887	--	--	12,964
1996.....	719	228	3,122	--	--	2,171	6,850	--	--	13,091
1997.....	719	639	2,996	--	--	2,103	6,695	--	--	13,153
1998.....	6,132	1,463	17,051	--	--	2,454	6,955	620	--	34,675
1999.....	27,725	8,508	38,553	--	2,381	4,142	8,794	620	--	90,724
2000.....	44,164	18,771	60,327	--	11,892	4,509	8,994	1,502	--	150,159
2001.....	60,701	25,311	102,693	--	35,099	4,885	9,616 ^R	2,567	79 ^R	240,952
2002.....	61,770	23,664	140,404	9	35,455	4,911	10,420 ^R	2,564	80 ^R	279,246
2003.....	66,538	26,028	178,624	6	38,244	5,058	11,786 ^R	2,719	46 ^R	329,049
2004.....	67,242	25,918	190,855	8	38,978	5,274	12,070 ^R	2,717	46 ^R	343,106
2005.....	73,734 ^R	26,041 ^R	188,043 ^R	12	43,424 ^R	5,284 ^R	13,864 ^R	3,152 ^R	46 ^R	353,601 ^R
2006.....	72,730	25,384	184,196	20	44,190	5,263	15,865	3,160	46	350,854
Combined Heat and Power, Electric Power										
1995.....	4,756	754	16,614	--	--	--	610	--	--	22,733
1996.....	4,950	699	18,350	--	--	--	626	--	--	24,625
1997.....	4,895	810	18,660	5	--	--	707	--	--	25,076
1998.....	5,021	800	19,632	--	--	--	749	--	--	26,202
1999.....	5,230	1,097	19,390	--	--	--	741	--	--	26,459
2000.....	5,044	907	20,704	262	--	--	736	--	--	27,653
2001.....	4,628	972 ^R	21,226 ^R	287	--	1	776	--	28	27,917
2002.....	5,222	1,084 ^R	28,455 ^R	182	--	--	555	--	--	35,499
2003.....	5,534	1,051 ^R	34,895 ^R	185	--	1	665	--	--	42,332
2004.....	5,609	677	32,600	289	--	1	555	--	--	39,731
2005.....	5,560 ^R	530 ^R	31,740 ^R	289 ^R	--	1	614	--	--	38,735 ^R
2006.....	5,837	970	30,031	325	--	1	628	--	--	37,793
Combined Heat and Power, Commercial										
1995.....	315	235	1,246	--	--	31	303	--	--	2,131
1996.....	321	267	1,243	--	--	31	446	--	--	2,309
1997.....	314	380	1,157	--	--	32	450	--	--	2,333
1998.....	317	282	1,188	--	--	32	463	--	--	2,281
1999.....	317	381	1,106	--	--	32	465	--	--	2,302
2000.....	314	308	1,186	--	--	33	399	--	--	2,240
2001.....	295	299	1,950	--	--	22	348	--	--	2,912
2002.....	292	301	1,216	--	--	22	357	--	--	2,188
2003.....	347	343	994	--	--	22	371	--	--	2,077
2004.....	368	321	1,069	5	--	22	404	--	--	2,188
2005.....	397	333	1,024	5	--	25 ^R	435	--	--	2,219 ^R
2006.....	428	341	1,040	5	--	25	433	--	--	2,272
Combined Heat and Power, Industrial										
1995.....	5,028	961	11,339	1,370	--	1,106	5,171	--	550	25,524
1996.....	4,972	903	11,482	1,602	--	1,106	5,308	--	550	25,923
1997.....	4,830	1,078	11,945	1,315	--	1,102	5,376	--	552	26,198
1998.....	4,577	1,034	12,012	1,465	--	1,139	5,210	--	581	26,019
1999.....	4,443	1,062	12,877	1,689	--	1,097	5,151	--	799	27,119
2000.....	4,601	818	13,708	2,023	--	1,079	4,607	--	510	27,348
2001.....	4,156	1,124	14,123	1,327	--	1,041	4,382	--	399	26,553
2002.....	4,010	726	14,745	1,756	--	1,033	4,419	--	607	27,295
2003.....	4,127	738	15,316	1,742	--	786	4,406	--	625	27,740
2004.....	3,825	789	14,753	1,937	--	648	4,728	--	687	27,367
2005.....	3,984	777 ^R	14,501	1,757	--	662	4,747 ^R	--	802	27,230 ^R
2006.....	3,317	983	15,285	1,802	--	693	4,896	--	797	27,773

¹ Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

² Distillate fuel oil (all diesel and No. 1, No. 2, and No. 4 fuel oils), residual fuel oil (No. 5 and No. 6 fuel oils and bunker C fuel oil), jet fuel, kerosene, petroleum coke (converted to liquid petroleum, see Technical Notes for conversion methodology), and waste oil.

³ Includes a small number of generators for which waste heat is the primary energy source.

⁴ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁵ Conventional hydroelectric power excluding pumped storage facilities.

⁶ Wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.

⁷ Pumped storage capacity generates electricity from water pumped to an elevated reservoir and then released through a conduit to turbine generators located at a lower level.

⁸ Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

R = Revised.

Notes: • See Glossary reference for definitions. • Capacity by energy source is based on the capacity associated with the energy source reported as the most predominant (primary) one, where more than one energy source is associated with a generator. • Totals may not equal sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."