

Table 1.1. Net Generation by Energy Source by Type of Producer, 1996 through 2007
(Thousand Megawatthours)

Period	Coal ¹	Petroleum ²	Natural Gas	Other Gases ³	Nuclear	Hydroelectric Conventional ⁴	Other Renewables ⁵	Hydroelectric Pumped Storage ⁶	Other ⁷	Total
Total (All Sectors)										
1996.....	1,795,196	81,411	455,056	14,356	674,729	347,162	75,796	-3,088	3,571	3,444,188
1997.....	1,845,016	92,555	479,399	13,351	628,644	356,453	77,183	-4,040	3,612	3,492,172
1998.....	1,873,516	128,800	531,257	13,492	673,702	323,336	77,088	-4,467	3,571	3,620,295
1999.....	1,881,087	118,061	556,396	14,126	728,254	319,536	79,423	-6,097	4,024	3,694,810
2000.....	1,966,265	111,221	601,038	13,955	753,893	275,573	80,906	-5,539	4,794	3,802,105
2001.....	1,903,956	124,880	639,129	9,039	768,826	216,961	70,769	-8,823	11,906	3,736,644
2002.....	1,933,130	94,567	691,006	11,463	780,064	264,329	79,109	-8,743	13,527	3,858,452
2003.....	1,973,737	119,406	649,908	15,600	763,733	275,806	79,487	-5,335	14,045	3,883,185
2004.....	1,978,301 ^R	121,145 ^R	710,100 ^R	15,252 ^R	788,528	268,417	83,067 ^R	-8,488	14,232 ^R	3,970,555
2005.....	2,012,873 ^R	122,225 ^R	760,960 ^R	13,464 ^R	781,986	270,321	87,329 ^R	-6,558	12,821 ^R	4,055,423
2006.....	1,990,511 ^R	64,166 ^R	816,441 ^R	14,177 ^R	787,219	289,246	96,525 ^R	-6,558	12,974 ^R	4,064,702
2007.....	2,016,456	65,739	896,590	13,453	806,425	247,510	105,238	-6,896	12,231	4,156,745
Electricity Generators, Electric Utilities										
1996.....	1,737,453	67,346	262,730	--	674,729	331,058	7,214	-3,088	--	3,077,442
1997.....	1,787,806	77,753	283,625	--	628,644	341,273	7,462	-4,040	--	3,122,523
1998.....	1,807,480	110,158	309,222	--	673,702	308,844	7,206	-4,441	--	3,212,171
1999.....	1,767,679	86,929	296,381	--	725,036	299,914	3,716	-5,982	--	3,173,674
2000.....	1,696,619	72,180	290,715	--	705,433	253,155	2,241	-4,960	--	3,015,383
2001.....	1,560,146	78,908	264,434	--	534,207	197,804	1,666	-7,704	486	2,629,946
2002.....	1,514,670	59,125	229,639	206	507,380	242,302	3,089	-7,434	480	2,549,457
2003.....	1,500,281	69,930	186,967	243	458,829	249,622	3,421	-7,532	519	2,462,281
2004.....	1,513,641	73,694	199,662	374	475,862	245,546	3,692	-7,526	467	2,505,231
2005.....	1,484,855	69,722	238,204	10	436,296	245,553	4,945	-5,383	643	2,474,846
2006.....	1,471,421	40,903	282,088	30	425,341	261,864	6,588	-5,281	700	2,483,656
2007.....	1,490,985	40,719	313,785	141	427,555	226,734	8,953	-5,328	586	2,504,131
Electricity Generators, Independent Power Producers										
1996.....	5,312	1,170	10,104	4	--	10,101	33,440	--	--	60,132
1997.....	5,344	2,557	7,506	31	--	9,375	33,929	--	--	58,741
1998.....	15,539	5,503	26,657	55	--	9,023	34,703	-26	--	91,455
1999.....	64,387	17,906	60,264	36	3,218	14,749	40,460	-115	--	200,905
2000.....	213,956	25,795	108,712	181	48,460	18,183	42,831	-579	--	457,540
2001.....	291,678	34,257	162,540	10	234,619	15,945	37,200	-1,119	5,460	780,592
2002.....	366,535	24,150	227,155	29	272,684	18,189	40,729	-1,309	7,168	955,331
2003.....	415,498	38,571	234,240	13	304,904	21,890	42,058	-1,003	7,035	1,063,205
2004.....	407,418	35,665	291,527	7	312,846	19,518	45,743	-962	7,108	1,118,870
2005.....	470,658	41,485	314,970	3	345,690	21,477	48,294	-1,174	5,569	1,246,971
2006.....	462,302	14,340	335,898	3	361,877	24,383	55,890	-1,277	5,646	1,259,062
2007.....	470,978	16,189	372,523	3	378,869	19,103	62,301	-1,569	5,458	1,323,856
Combined Heat and Power, Electric Power⁸										
1996.....	29,207	6,267	105,923	1,337	--	--	3,632	--	201	146,567
1997.....	27,611	6,170	108,465	1,503	--	--	4,299	--	63	148,111
1998.....	27,174	6,550	113,413	2,260	--	--	4,234	--	159	153,790
1999.....	26,551	6,704	116,351	1,571	--	--	4,088	--	139	155,404
2000.....	32,536	7,217	118,551	1,847	--	--	4,330	--	125	164,606
2001.....	31,003	5,984	127,966	576	--	--	3,393	--	595	169,515
2002.....	29,408	6,458	150,889	1,734	--	--	3,737	--	1,444	193,670
2003.....	36,935	5,195	146,097	2,392	--	--	4,002	--	1,053	195,674
2004.....	36,128 ^R	5,320 ^R	135,983 ^R	3,187 ^R	--	--	2,893 ^R	--	747 ^R	184,259
2005.....	36,541 ^R	5,275 ^R	130,655 ^R	3,765 ^R	--	10	3,415 ^R	--	716 ^R	180,375
2006.....	36,014 ^R	4,465 ^R	116,430 ^R	4,220 ^R	--	8	3,456 ^R	--	766 ^R	165,359
2007.....	36,428	4,398	128,444	3,898	--	6	3,450	--	733	177,356
Combined Heat and Power, Commercial⁹										
1996.....	1,051	369	5,249	3	--	126	2,235	--	*	9,030
1997.....	1,040	427	4,725	3	--	120	2,385	--	*	8,701
1998.....	985	383	4,879	7	--	120	2,373	--	--	8,748
1999.....	995	434	4,607	*	--	115	2,412	--	*	8,563
2000.....	1,097	432	4,262	*	--	100	2,012	--	*	7,903
2001.....	995	438	4,434	*	--	66	1,025	--	457	7,416
2002.....	992	431	4,310	*	--	13	1,065	--	603	7,415
2003.....	1,206	423	3,899	--	--	72	1,302	--	594	7,496
2004.....	1,340 ^R	499 ^R	3,969 ^R	--	--	105	1,575 ^R	--	781	8,270
2005.....	1,353 ^R	375	4,249 ^R	--	--	86	1,673 ^R	--	756	8,492
2006.....	1,310 ^R	235 ^R	4,355 ^R	* ^R	--	93	1,619 ^R	--	758 ^R	8,371
2007.....	1,371	189	4,257	--	--	77	1,614	--	764	8,273
Combined Heat and Power, Industrial¹⁰										
1996.....	22,172	6,260	71,049	13,015	--	5,878	29,274	--	3,370	151,017
1997.....	23,214	5,649	75,078	11,814	--	5,685	29,107	--	3,549	154,097
1998.....	22,337	6,206	77,085	11,170	--	5,349	28,572	--	3,412	154,132
1999.....	21,474	6,088	78,793	12,519	--	4,758	28,747	--	3,885	156,264
2000.....	22,056	5,597	78,798	11,927	--	4,135	29,491	--	4,669	156,673
2001.....	20,135	5,293	79,755	8,454	--	3,145	27,485	--	4,908	149,175
2002.....	21,525	4,403	79,013	9,493	--	3,825	30,489	--	3,832	152,580
2003.....	19,817	5,285	78,705	12,953	--	4,222	28,704	--	4,843	154,530
2004.....	19,773 ^R	5,967 ^R	78,959 ^R	11,684 ^R	--	3,248	29,164 ^R	--	5,129 ^R	153,925
2005.....	19,466 ^R	5,368 ^R	72,882 ^R	9,687 ^R	--	3,195	29,003 ^R	--	5,137 ^R	144,739
2006.....	19,464 ^R	4,223 ^R	77,669 ^R	9,923 ^R	--	2,899	28,972 ^R	--	5,103 ^R	148,254
2007.....	16,694	4,243	77,580	9,411	--	1,590	28,919	--	4,690	143,128

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

⁴ Conventional hydroelectric power excluding pumped storage facilities.

⁵ Other renewables represents the summation of the sub-categories of Wind, Solar Thermal and Photovoltaic, Wood and Wood Derived Fuels, Geothermal, and Other Biomass.

⁶ The quantity of output from a hydroelectric pumped storage facility represents production minus energy used for pumping.

⁷ Non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.

⁸ Electric utility CHP plants are included in Electricity Generators, Electric Utilities.

⁹ Small number of commercial electricity-only plants included.

¹⁰ Small number of industrial electricity-only plants included.

* = Value is less than half of the smallest unit of measure.

R = Revised.

Note: Totals may not equal sum of components because of independent rounding

Sources: Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor form(s) including Energy Information Administration, Form EIA-906, "Power Plant Report;" and Form EIA-920 "Combined Heat and Power Plant Report" and predecessor forms.