

Electric Power Annual 2011
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Table 2.1.A Net Generation by Energy Source by Type of Producer, 1999 through 2010
(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)										
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	-8,535	14,045	3,883,185
2004	1,978,301	121,145	710,100	15,252	788,528	268,417	83,067	-8,488	14,232	3,970,555
2005	2,012,873	122,225	760,960	13,464	781,986	270,321	87,329	-6,558	12,821	4,055,423
2006	1,990,511	64,166	816,441	14,177	787,219	289,246	96,525	-6,558	12,974	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
2008	1,985,801	46,243	882,981	11,707	806,208	254,831	126,101	-6,288	11,804	4,119,388
2009	1,755,904	38,937	920,979	10,632	798,855	273,445	144,279	-4,627	11,928	3,950,331
2010	1,847,290	37,061	987,697	11,313	806,968	260,203	167,173	-5,501	12,855	4,125,060
Electricity Generators, Electric Utilities										
1999	1,767,679	86,929	296,381	--	725,036	299,914	3,716	-5,982	--	3173674
2000	1,696,619	72,180	290,715	--	705,433	253,155	2,241	-4,960	--	3015383
2001	1,560,146	78,908	264,434	--	534,207	197,804	1,666	-7,704	486	2629946
2002	1,514,670	59,125	229,639	206	507,380	242,302	3,089	-7,434	480	2549457
2003	1,500,281	69,930	186,967	243	458,829	249,622	3,421	-7,532	519	2462281
2004	1,513,641	73,694	199,662	374	475,682	245,546	3,692	-7,526	467	2505231
2005	1,484,855	69,722	238,204	10	436,296	245,553	4,945	-5,383	643	2474846
2006	1,471,421	40,903	282,088	30	425,341	261,864	6,588	-5,281	700	2483656
2007	1,490,985	40,719	313,785	141	427,555	226,734	8,953	-5,328	586	2504131
2008	1,466,395	28,124	320,190	46	424,256	229,645	11,308	-5,143	545	2475367
2009	1,322,092	25,217	349,166	96	417,275	247,198	14,617	-3,369	483	2372776
2010	1,378,028	26,065	392,616	52	424,843	236,104	17,927	-4,466	462	2,471,632
Electricity Generators, Independent Power Producers										
1999	64,387	17,906	60,264	36	3,218	14,749	40,460	-115	--	200905
2000	213,956	25,795	108,712	181	48,460	18,183	42,831	-579	--	457540
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
2008	465,558	11,145	363,138	1	381,952	23,444	82,358	-1,145	5,616	1,332,068
2009	389,783	6,684	373,554	1	381,579	24,304	97,928	-1,259	5,341	1,277,916
2010	419,459	6,312	386,755	15	382,126	22,351	117,201	-1,035	5,529	1,338,712
Combined Heat and Power, Electric Power⁸										
1999	26,551	6,704	116,351	1,571	--	--	4,088	--	139	155404
2000	32,536	7,217	118,551	1,847	--	--	4,330	--	125	164606
2001	31,003	5,984	127,966	576	--	--	3,393	--	595	169515
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	5,320	135,983	3,187	--	--	2,893	--	747	184259
2005	36,541	5,275	130,655	3,765	--	10	3,415	--	716	180375
2006	36,014	4,465	116,430	4,220	--	8	3,456	--	766	165359
2007	36,428	4,398	128,444	3,898	--	6	3,450	--	733	177356
2008	36,884	3,612	119,043	3,153	--	6	3,417	--	798	166915
2009	29,248	3,910	118,286	2,961	--	4	3,932	--	805	159146
2010	30,250	2,302	122,019	2,901	--	--	3,754	--	816	162,042
Combined Heat and Power, Commercial⁹										
1999	995	434	4,607	*	--	115	2,412	--	*	8563
2000	1,097	432	4,262	*	--	100	2,012	--	*	7903
2001	995	438	4,434	*	--	66	1,025	--	457	7416
2002	992	431	4,310	*	--	13	1,065	--	603	7415
2003	1,206	423	3,899	--	--	72	1,302	--	594	7496
2004	1,340	499	3,969	--	--	105	1,575	--	781	8270
2005	1,353	375	4,249	--	--	86	1,673	--	756	8492
2006	1,310	235	4,355	*	--	93	1,619	--	758	8371
2007	1,371	189	4,257	--	--	77	1,614	--	764	8273
2008	1,261	142	4,188	--	--	60	1,555	--	720	7926
2009	1,096	163	4,225	--	--	71	1,769	--	842	8165

2010	1,111	124	4,725	3	--	80	1,714	--	834	8,592
Combined Heat and Power, Industrial⁹										
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	5,967	78,959	11,684	--	3,248	29,164	--	5,129	153,925
2005	19,466	5,368	72,882	9,687	--	3,195	29,003	--	5,137	144,739
2006	19,464	4,223	77,669	9,923	--	2,899	28,972	--	5,103	148,254
2007	16,694	4,243	77,580	9,411	--	1,590	28,919	--	4,690	143,128
2008	15,703	3,219	76,421	8,507	--	1,676	27,462	--	4,125	137,113
2009	13,686	2,963	75,748	7,574	--	1,868	26,033	--	4,457	132,329
2010	18,441	2,258	81,583	8,343	--	1,668	26,576	--	5,214	144,082

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 electricity-only, non-Combined Heat and Power plants may be 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: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor form(s) including U.S. Energy Information Administration, Form EIA-906, "Power Plant Report;" and Form EIA-920, "Combined Heat and Power Plant Report;" Form EIA-860, "Annual Electric Generator Report."