

Electric Power Annual 2011

Released: November 2011

Revised: December 2011

Next Update: November 2012

Table 2.1.B. Net Generation by Selected Renewables by Type of Producer, 1999 through 2010

(Thousand Megawatthours)

Period	Wind	Solar Thermal and Photovoltaic	Wood and Wood-Derived Fuels ¹	Geothermal	Other Biomass ²	Total (Other Renewables)
Total (All Sectors)						
1999	4,488	495	37,041	14,827	22,572	79,423
2000	5,593	493	37,595	14,093	23,131	80,906
2001	6,737	543	35,200	13,741	14,548	70,769
2002	10,354	555	38,665	14,491	15,044	79,109
2003	11,187	534	37,529	14,424	15,812	79,487
2004	14,144	575	38,117	14,811	15,421	83,067
2005	17,811	550	38,856	14,692	15,420	87,329
2006	26,589	508	38,762	14,568	16,099	96,525
2007	34,450	612	39,014	14,637	16,525	105,238
2008	55,363	864	37,300	14,840	17,734	126,101
2009	73,886	891	36,050	15,009	18,443	144,279
2010	94,652	1,212	37,172	15,219	18,917	167,173
Electricity Generators, Electric Utilities						
1999	23	3	684	1,698	1,307	3,716
2000	29	3	700	151	1,358	2,241
2001	135	3	560	152	815	1,666
2002	213	3	709	1,402	761	3,089
2003	354	2	882	1,249	934	3,421
2004	405	6	1,209	1,248	824	3,692
2005	1,046	16	1,829	1,126	929	4,945
2006	2,351	15	1,937	1,162	1,123	6,588
2007	4,361	11	2,226	1,139	1,217	8,953
2008	6,899	17	1,888	1,197	1,307	11,308
2009	10,348	28	1,748	1,182	1,312	14,617
2010	13,089	101	2,328	1,118	1,291	17,927
Electricity Generators, Independent Power Producers						
1999	4,465	492	6,569	13,129	15,805	40,460
2000	5,565	491	6,601	13,942	16,234	42,831
2001	6,602	539	6,011	13,588	10,460	37,200
2002	10,141	552	6,556	13,089	10,391	40,729
2003	10,834	532	6,520	13,175	10,998	42,058
2004	13,739	569	6,940	13,563	10,932	45,743
2005	16,764	535	6,668	13,566	10,761	48,294
2006	24,238	493	6,374	13,406	11,379	55,890
2007	30,089	601	6,451	13,498	11,662	62,301
2008	48,464	847	6,746	13,643	12,659	82,358
2009	63,538	863	6,733	13,826	12,968	97,928
2010	81,547	1,105	7,007	14,101	13,441	117,201
Combined Heat and Power, Electric Power ³						
1999	--	--	1,707	--	2,381	4,088
2000	--	--	1,615	--	2,715	4,330
2001	--	--	1,723	--	1,669	3,393
2002	--	--	1,744	--	1,993	3,737
2003	--	--	2,126	--	1,876	4,002
2004	--	--	1,588	--	1,306	2,893
2005	--	--	2,073	--	1,341	3,415
2006	--	--	2,030	--	1,426	3,456
2007	--	--	2,034	--	1,416	3,450

2008	--	--	2,004	--	1,413	3,417
2009	--	--	2,258	--	1,674	3,932
2010	--	--	2,111	--	1,644	3,754
Combined Heat and Power, Commercial ⁴						
1999	--	--	20	--	2,393	2,412
2000	--	--	27	--	1,985	2,012
2001	--	--	18	--	1,007	1,025
2002	--	--	13	--	1,053	1,065
2003	--	--	13	--	1,289	1,302
2004	--	--	13	--	1,562	1,575
2005	--	--	16	--	1,657	1,673
2006	--	--	21	--	1,599	1,619
2007	--	--	15	--	1,599	1,614
2008	--	*	21	--	1,534	1,555
2009	*	*	20	--	1,748	1,769
2010	16	5	21	--	1,672	1,714
Combined Heat and Power, Industrial ⁴						
1999	--	--	28,060	--	686	28,747
2000	--	--	28,652	--	839	29,491
2001	--	--	26,888	--	596	27,485
2002	--	--	29,643	--	846	30,489
2003	--	--	27,988	--	715	28,704
2004	--	--	28,367	--	797	29,164
2005	--	--	28,271	--	733	29,003
2006	--	--	28,400	--	572	28,972
2007	--	--	28,287	--	631	28,919
2008	--	--	26,641	--	821	27,462
2009	--	--	25,292	--	740	26,033
2010	--	2	25,706	--	869	26,576

¹ Wood/wood waste solids (including paper pellets, railroad ties, utility poles, wood chips, bark, and wood waste solids), wood waste liquids (red liquor, sludge wood, spent sulfite liquor, and other wood-based liquids), and black liquor.

² Biogenic municipal solid waste, landfill gas, sludge waste, agricultural byproducts, other biomass solids, other biomass liquids, and other biomass gases (including digester gases, methane, and other biomass gases).

³ Electric utility CHP plants are included in Electricity Generators, Electric Utilities.

⁴ 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."