

Table 1.11 Electricity Net Generation From Renewable Energy by Energy Use Sector and Energy Source, 2003 - 2007

(Thousand Kilowatthours)

Sector/Source	2003	2004	2005	2006	2007
Total	355,293,117	351,484,632	357,650,653	385,771,908	352,747,486
Commercial	1,374,208	1,680,155	1,758,789	1,712,691	1,691,439
Biomass	1,301,964	1,575,188	1,672,752	1,619,245	1,614,160
Waste	1,288,914	1,561,794	1,656,755	1,598,646	1,598,799
Landfill Gas	151,801	172,029	217,632	172,590	202,547
MSW Biogenic ¹	716,921	945,344	953,093	955,910	962,496
Other Biomass ²	420,192	444,421	486,031	470,146	433,756
Wood and Derived Fuels ³	13,049	13,394	15,997	20,599	15,361
Hydroelectric Conventional	72,245	104,967	86,037	93,446	77,279
Industrial	32,926,240	32,412,566	32,198,528	31,871,511	30,508,807
Biomass	28,703,816	29,164,073	29,003,087	28,972,463	28,918,826
Waste	715,445	796,988	732,553	572,447	631,452
Landfill Gas	96,018	120,018	113,155	28,786	27,087
MSW Biogenic ¹	35,997	30,213	34,441	34,541	39,782
Other Biomass ²	583,431	646,757	584,957	509,120	564,583
Wood and Derived Fuels ³	27,988,371	28,367,085	28,270,534	28,400,016	28,287,374
Hydroelectric Conventional	4,222,424	3,248,493	3,195,441	2,899,048	1,589,981
Electric Power⁴	320,992,669	317,391,910	323,693,336	352,187,707	320,547,239
Biomass	23,335,310	22,798,191	23,600,971	24,268,913	25,005,592
Waste	13,807,633	13,061,787	13,031,084	13,927,432	14,294,304
Landfill Gas	4,829,632	4,836,377	4,811,325	5,475,664	5,928,117
MSW Biogenic ¹	7,553,146	7,175,417	7,342,938	7,487,120	7,301,560
Other Biomass ²	1,424,854	1,049,993	876,822	964,648	1,064,627
Wood and Derived Fuels ³	9,527,677	9,736,404	10,569,886	10,341,481	10,711,288
Geothermal	14,424,231	14,810,975	14,691,745	14,568,029	14,637,213
Hydroelectric Conventional	271,511,659	265,063,848	267,039,777	286,253,922	245,842,714
Solar/PV	534,001	575,155	550,294	507,706	611,793
Wind	11,187,467	14,143,741	17,810,549	26,589,137	34,449,927

¹Includes paper and paper board, wood, food, leather, textiles and yard trimmings.

²Agriculture byproducts/crops, sludge waste, and other biomass solids, liquids and gases.

³Black liquor, and wood/woodwaste solids and liquids.

⁴The electric power sector comprises electricity-only and combined-heat-power (CHP) plants within North American Classification System (NAICS) 22 category whose primary business is to sell electricity, or electricity and heat, to the public.

MSW = Municipal Solid Waste.

PV = Photovoltaic.

Notes: Totals may not equal sum of components due to independent rounding.

Data revisions are discussed in the Highlights section.

Revisions to biomass removed MSW non-biogenic and tires from renewable waste energy.

Source: Electric Power: Energy Information Administration, Form EIA-923, "Power Plant Operations Report," and predecessor forms: Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report."