

Table 1.11. Electricity Net Generation From Renewable Energy by Energy Use Sector and Energy Source, 2002-2006
 (Thousand Kilowatthours)

Sector/Source	2002	2003	2004	2005	2006
Total	343,438,006	355,293,117	351,020,906	357,533,995	385,669,799
Biomass	53,708,755	53,341,090	53,073,730	54,160,152	54,758,512
Waste	15,043,717	15,811,993	15,497,309	15,479,005	16,109,652
Landfill Gas	4,759,765	5,077,451	5,128,416	5,135,256	5,677,253
MSW Biogenic ^a	8,637,916	8,306,065	8,153,230	8,334,720	8,476,478
Other Biomass ^b	1,646,034	2,428,477	2,215,664	2,009,029	1,955,921
Wood and Derived Fuels ^c	38,665,038	37,529,097	37,576,421	38,681,147	38,648,859
Geothermal	14,491,310	14,424,231	14,810,974	14,691,745	14,568,029
Hydroelectric Conventional	264,328,831	275,806,328	268,417,306	270,321,255	289,246,416
Solar/PV	554,831	534,001	575,155	550,294	507,706
Wind	10,354,279	11,187,467	14,143,741	17,810,549	26,589,137
Commercial	1,078,019	1,374,208	1,645,981	1,752,519	1,688,360
Biomass	1,065,222	1,301,964	1,541,015	1,666,483	1,594,915
Waste	1,052,717	1,288,914	1,527,371	1,650,485	1,574,314
Landfill Gas	99,761	151,801	172,029	210,824	171,979
MSW Biogenic ^a	653,997	716,921	945,812	953,591	956,337
Other Biomass ^b	298,957	420,192	409,530	486,070	445,999
Wood and Derived Fuels ^c	12,505	13,049	13,644	15,998	20,600
Hydroelectric Conventional	12,797	72,245	104,966	86,037	93,446
Industrial	34,313,831	32,926,240	31,923,526	32,082,295	31,796,137
Biomass	30,489,184	28,703,816	28,675,032	28,886,854	28,897,089
Waste	845,979	715,445	839,555	789,325	600,979
Landfill Gas	70,882	96,018	120,014	113,082	28,785
MSW Biogenic ^a	73,543	35,997	31,333	37,463	33,689
Other Biomass ^b	701,554	583,431	688,209	638,781	538,504
Wood and Derived Fuels ^c	29,643,205	27,988,371	27,835,477	28,097,529	28,296,111
Hydroelectric Conventional	3,824,647	4,222,424	3,248,494	3,195,441	2,899,048
Electric Power ^d	308,046,156	320,992,669	317,451,398	323,699,182	352,185,302
Biomass	22,154,349	23,335,310	22,857,682	23,606,816	24,266,508
Waste	13,145,021	13,807,633	13,130,382	13,039,195	13,934,359
Landfill Gas	4,589,122	4,829,632	4,836,372	4,811,350	5,476,488
MSW Biogenic ^a	7,910,375	7,553,146	7,176,084	7,343,666	7,486,452
Other Biomass ^b	645,523	1,424,854	1,117,925	884,178	971,419
Wood and Derived Fuels ^c	9,009,328	9,527,677	9,727,300	10,567,621	10,332,148
Geothermal	14,491,310	14,424,231	14,810,974	14,691,745	14,568,029
Hydroelectric Conventional	260,491,387	271,511,659	265,063,846	267,039,777	286,253,922
Solar/PV	554,831	534,001	575,155	550,294	507,706
Wind	10,354,279	11,187,467	14,143,741	17,810,549	26,589,137

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

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

^c Black liquor, and wood/woodwaste solids and liquids.

^d The 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.

PV=Photovoltaic

MSW=Municipal Solid Waste.

Note: Data revisions are discussed in Highlights section. Revisions to biomass removed MSW non-biogenic and tires from renewable waste energy. Totals may not add due to independent rounding.

Sources: Energy Information Administration, Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report."