

Table 3. 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	343,438,005	355,293,117	351,020,900	357,533,995	385,009,378
Biomass	53,708,752	53,341,090	53,073,722	54,160,152	55,574,081
Waste	15,043,713	15,811,993	15,497,303	15,479,005	16,165,384
Landfill Gas	4,759,765	5,077,451	5,128,416	5,135,256	5,509,189
MSW Biogenic ^a	8,637,916	8,306,065	8,153,230	8,334,720	8,652,039
Other Biomass ^b	1,646,032	2,428,477	2,215,658	2,009,029	2,004,157
Wood and Derived Fuels ^c	38,665,040	37,529,097	37,576,418	38,681,147	39,408,697
Geothermal	14,491,310	14,424,231	14,810,975	14,691,745	14,842,067
Hydroelectric Conventional	264,328,833	275,806,328	268,417,308	270,321,255	288,306,061
Solar/ PV	554,831	534,001	575,155	550,294	505,415
Wind	10,354,279	11,187,467	14,143,741	17,810,549	25,781,754
Commercial	1,078,017	1,374,208	1,645,981	1,752,519	1,806,221
Biomass	1,065,220	1,301,964	1,541,014	1,666,482	1,709,138
Waste	1,052,715	1,288,914	1,527,370	1,650,485	1,692,768
Landfill Gas	99,761	151,801	172,029	210,824	223,969
MSW Biogenic ^a	653,997	716,921	945,812	953,591	966,668
Other Biomass ^b	298,956	420,192	409,528	486,070	502,130
Wood and Derived Fuels ^c	12,505	13,049	13,644	15,998	16,370
Hydroelectric Conventional	12,797	72,245	104,967	86,037	97,083
Industrial	34,313,833	32,926,240	31,923,522	32,082,295	32,129,933
Biomass	30,489,185	28,703,816	28,675,029	28,886,854	29,136,109
Waste	845,978	715,445	839,555	789,325	712,533
Landfill Gas	70,882	96,018	120,014	113,082	116,898
MSW Biogenic ^a	73,543	35,997	31,333	37,463	36,673
Other Biomass ^b	701,553	583,431	688,208	638,781	558,961
Wood and Derived Fuels ^c	29,643,207	27,988,371	27,835,474	28,097,529	28,423,576
Hydroelectric Conventional	3,824,648	4,222,424	3,248,493	3,195,441	2,993,824
Electric Power ^d	308,046,156	320,992,669	317,451,398	323,699,181	351,073,224
Biomass	22,154,348	23,335,310	22,857,679	23,606,816	24,728,835
Waste	13,145,020	13,807,633	13,130,379	13,039,195	13,760,084
Landfill Gas	4,589,122	4,829,632	4,836,372	4,811,350	5,168,321
MSW Biogenic ^a	7,910,375	7,553,146	7,176,084	7,343,666	7,648,698
Other Biomass ^b	645,523	1,424,854	1,117,922	884,178	943,066
Wood and Derived Fuels ^c	9,009,328	9,527,677	9,727,300	10,567,621	10,968,751
Geothermal	14,491,310	14,424,231	14,810,975	14,691,745	14,842,067
Hydroelectric Conventional	260,491,388	271,511,659	265,063,848	267,039,777	285,215,154
Solar/ PV	554,831	534,001	575,155	550,294	505,415
Wind	10,354,279	11,187,467	14,143,741	17,810,549	25,781,754

^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 the Highlights section. Revisions to biomass removed MSW non-biogenic and tires from renewable waste energy. Totals may not equal sum of components due to independent rounding. Data for 2006 is preliminary.

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