

Table 1.3. Renewable Energy Consumption for Electricity Generation by Energy Use Sector and Energy Source, 2002-2006 (Quadrillion Btu)

Sector/Source	2002	2003	2004	2005	2006
Total	3.967	4.016	3.936	3.929	4.229
Biomass	0.862	0.768	0.787	0.733	0.785
Waste	0.257	0.249	0.254	0.252	0.262
Landfill Gas	0.064	0.066	0.070	0.069	0.077
MSW Biogenic ^a	0.166	0.148	0.150	0.152	0.155
Other Biomass ^b	0.027	0.035	0.034	0.031	0.031
Wood and Derived Fuels ^c	0.605	0.519	0.534	0.482	0.523
Geothermal	0.305	0.303	0.311	0.309	0.306
Hydroelectric Conventional	2.689	2.825	2.690	2.703	2.869
Solar/PV	0.006	0.005	0.006	0.006	0.005
Wind	0.105	0.115	0.142	0.178	0.264
Commercial	0.019	0.021	0.024	0.026	0.028
Biomass	0.018	0.020	0.023	0.025	0.027
Waste	0.018	0.019	0.022	0.025	0.026
Landfill Gas	0.002	0.002	0.002	0.002	0.004
MSW Biogenic ^a	0.013	0.013	0.016	0.017	0.017
Other Biomass ^b	0.004	0.005	0.004	0.006	0.005
Wood and Derived Fuels ^c	*	*	0.001	0.001	0.001
Hydroelectric Conventional	*	0.001	0.001	0.001	0.001
Industrial	0.518	0.419	0.419	0.347	0.386
Biomass	0.479	0.376	0.387	0.315	0.358
Waste	0.015	0.013	0.011	0.009	0.008
Landfill Gas	0.001	0.001	0.001	0.001	*
MSW Biogenic ^a	*	*	0.001	0.001	*
Other Biomass ^b	0.014	0.012	0.008	0.007	0.007
Wood and Derived Fuels ^c	0.464	0.362	0.376	0.306	0.350
Hydroelectric Conventional	0.039	0.043	0.033	0.032	0.029
Electric Power ^d	3.430	3.576	3.493	3.556	3.815
Biomass	0.364	0.372	0.378	0.393	0.400
Waste	0.224	0.216	0.220	0.217	0.228
Landfill Gas	0.062	0.063	0.066	0.065	0.073
MSW Biogenic ^a	0.153	0.135	0.133	0.134	0.137
Other Biomass ^b	0.009	0.018	0.021	0.018	0.018
Wood and Derived Fuels ^c	0.141	0.156	0.157	0.176	0.172
Geothermal	0.305	0.303	0.311	0.309	0.306
Hydroelectric Conventional	2.650	2.781	2.656	2.670	2.839
Solar/PV	0.006	0.005	0.006	0.006	0.005
Wind	0.105	0.115	0.142	0.178	0.264

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

^b Agriculture byproducts/crops, sludge waste, tires, 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.

* =Less than 500 billion Btu.

Note: Data revisions are discussed in the Highlights section. Totals may not add due to independent rounding.

Sources: Analysis conducted by Energy Information Administration, Office of Coal, Nuclear, Electric, and Alternate Fuels and the following specific sources: Energy Information Administration, Form EIA-906, "Power Plant Report," and Form EIA-920, "Combined Heat and Power Plant Report."