

Table 1.5b Historical Renewable Energy Consumption by Sector and Energy Source, 2000-2007

(Quadrillion Btu)

Sector and Source	2000	2001	2002	2003	2004	2005	2006	2007
Total	6.264	5.316	5.893	6.150	6.261	6.424	6.909	6.813
Biomass	3.013	2.627	2.706	2.817	3.024	3.134	3.361	3.596
Biofuels ¹	0.241	0.258	0.309	0.414	0.513	0.595	0.795	1.024
Waste ²	0.511	0.364	0.402	0.401	0.389	0.403	0.414	0.430
Wood and Derived Fuels ³	2.262	2.006	1.995	2.002	2.121	2.136	2.152	2.142
Geothermal	0.317	0.311	0.328	0.331	0.341	0.343	0.343	0.349
Hydroelectric Conventional	2.811	2.242	2.689	2.825	2.690	2.703	2.869	2.446
Solar/PV ⁴	0.066	0.065	0.064	0.064	0.064	0.066	0.072	0.081
Wind	0.057	0.070	0.105	0.115	0.142	0.178	0.264	0.341
Residential	0.490	0.439	0.449	0.471	0.483	0.507	0.475	0.527
Biomass	0.420	0.370	0.380	0.400	0.410	0.430	0.390	0.430
Wood and Derived Fuels	0.420	0.370	0.380	0.400	0.410	0.430	0.390	0.430
Geothermal	0.009	0.009	0.010	0.013	0.014	0.016	0.018	0.022
Solar/PV ⁴	0.061	0.060	0.059	0.058	0.059	0.061	0.067	0.075
Commercial	0.128	0.101	0.104	0.113	0.118	0.119	0.117	0.117
Biomass	0.119	0.092	0.095	0.101	0.105	0.105	0.102	0.102
Biofuels ⁵	*	*	*	0.001	0.001	0.001	0.001	0.002
Waste ²	0.047	0.025	0.026	0.029	0.034	0.034	0.036	0.031
Wood and Derived Fuels ³	0.071	0.067	0.069	0.071	0.070	0.070	0.065	0.069
Geothermal	0.008	0.008	0.009	0.011	0.012	0.014	0.014	0.014
Hydroelectric Conventional	0.001	0.001	*	0.001	0.001	0.001	0.001	0.001
Industrial	1.930	1.721	1.723	1.731	1.861	1.884	2.007	2.032
Biomass	1.884	1.684	1.679	1.684	1.825	1.848	1.973	2.012
Biofuels ⁶	0.102	0.112	0.136	0.178	0.217	0.248	0.311	0.393
Waste ²	0.145	0.129	0.146	0.142	0.132	0.148	0.147	0.162
Wood and Derived Fuels ³	1.636	1.443	1.396	1.363	1.476	1.452	1.515	1.457
Geothermal	0.004	0.005	0.005	0.003	0.004	0.004	0.004	0.005
Hydroelectric Conventional	0.042	0.033	0.039	0.043	0.033	0.032	0.029	0.016
Solar/PV	-	-	-	-	-	-	-	-
Wind	-	-	-	-	-	-	-	-
Transportation	0.138	0.145	0.172	0.235	0.296	0.346	0.483	0.629
Biomass	0.138	0.145	0.172	0.235	0.296	0.346	0.483	0.629
Biofuels ⁷	0.138	0.145	0.172	0.235	0.296	0.346	0.483	0.629
Electric Power ⁸	3.579	2.910	3.445	3.601	3.503	3.568	3.827	3.508
Electric Utilities	2.607	2.063	2.529	2.615	2.522	2.530	2.688	2.356
Biomass	0.021	0.014	0.033	0.029	0.031	0.040	0.042	0.048
Waste ²	0.014	0.008	0.022	0.012	0.011	0.013	0.015	0.016
Wood and Derived Fuels ³	0.007	0.006	0.011	0.017	0.020	0.027	0.027	0.032
Geothermal	0.003	0.003	0.029	0.026	0.026	0.024	0.024	0.024
Hydroelectric Conventional	2.582	2.044	2.465	2.556	2.461	2.455	2.598	2.241
Solar/PV	*	*	*	*	*	*	*	*
Wind	*	0.001	0.002	0.004	0.004	0.010	0.023	0.043
Independent Power Producers	0.972	0.847	0.916	0.986	0.981	1.038	1.139	1.152
Biomass	0.432	0.323	0.347	0.368	0.357	0.365	0.370	0.376
Waste ²	0.305	0.202	0.208	0.218	0.212	0.208	0.216	0.221
Wood and Derived Fuels ³	0.127	0.121	0.140	0.151	0.145	0.158	0.154	0.154
Geothermal	0.293	0.286	0.275	0.277	0.285	0.285	0.282	0.284

**Table 1.5b Historical Renewable Energy Consumption by Sector and Energy Source, 2000-2007
(Quadrillion Btu) (Continued)**

Sector and Source	2000	2001	2002	2003	2004	2005	2006	2007
Hydroelectric Conventional	0.185	0.165	0.185	0.224	0.196	0.215	0.242	0.189
Solar/PV	0.005	0.006	0.006	0.005	0.006	0.005	0.005	0.006
Wind	0.057	0.068	0.103	0.111	0.138	0.168	0.240	0.297