

Table 11. U.S. Renewable Energy Use by Sector: Base Case
(Quadrillion Btu)

	Year				Annual Percentage Change		
	2002	2003	2004	2005	2002-2003	2003-2004	2004-2005
Electricity Sector							
Hydroelectric Power.....	2.636	2.722	<i>2.661</i>	<i>2.997</i>	3.3	<i>-2.2</i>	<i>12.6</i>
Geothermal, Solar and Wind Energy	0.415	0.390	<i>0.448</i>	<i>0.456</i>	-6.0	<i>14.9</i>	<i>1.8</i>
Biofuels	0.516	0.507	<i>0.520</i>	<i>0.530</i>	-1.7	<i>2.6</i>	<i>1.9</i>
Total	3.567	3.619	<i>3.630</i>	<i>3.983</i>	1.5	<i>0.3</i>	<i>9.7</i>
Other Sectors							
Residential and Commercial	0.539	0.532	<i>0.588</i>	<i>0.615</i>	-1.3	<i>10.5</i>	<i>4.6</i>
Residential	0.418	0.436	<i>0.455</i>	<i>0.474</i>	4.3	<i>4.4</i>	<i>4.2</i>
Commercial	0.121	0.097	<i>0.133</i>	<i>0.141</i>	-19.8	<i>37.1</i>	<i>6.0</i>
Industrial	1.792	1.800	<i>1.929</i>	<i>1.840</i>	0.4	<i>7.2</i>	<i>-4.6</i>
Transportation.....	0.175	0.237	<i>0.300</i>	<i>0.309</i>	35.4	<i>26.6</i>	<i>3.0</i>
Total	2.506	2.570	<i>2.816</i>	<i>2.764</i>	2.6	<i>9.6</i>	<i>-1.8</i>
Total Renewable Energy Demand	6.072	6.189	<i>6.446</i>	<i>6.748</i>	1.9	<i>4.2</i>	<i>4.7</i>

^aConventional hydroelectric power only. Hydroelectricity generated by pumped storage is not included in renewable energy.

^bAlso includes photovoltaic and solar thermal energy. Sharp declines since 1998 in the electric utility sector and corresponding increases in the nonutility sector for this category mostly reflect sale of geothermal facilities to the nonutility sector.

^cBiofuels are fuelwood, wood byproducts, waste wood, municipal solid waste, manufacturing process waste, and alcohol fuels.

^dRenewable energy includes minor components of non-marketed renewable energy, which is renewable energy that is neither bought nor sold, either directly or indirectly as inputs to marketed energy. EIA does not estimate or project total consumption of non-marketed renewable energy.

^eIncludes biofuels and solar energy consumed in the residential and commercial sectors.

^fConsists primarily of biofuels for use other than in electricity cogeneration.

^gEthanol blended into gasoline.

Notes: Minor discrepancies with other published EIA historical data are due to independent rounding. Historical data are printed in bold; estimates and forecasts are in italics. The forecasts were generated by simulation of the Short-Term Integrated Forecasting System.

Sources: Historical data: EIA; latest data available from EIA databases supporting the following reports: *Electric Power Monthly*, DOE/EIA-0226 and *Renewable Energy Annual*, DOE/EIA-0603. Projections: EIA, Short-Term Integrated Forecasting System database, and Office of Coal, Nuclear, Electric and Alternate Fuels.