

**Table 10.2a Renewable Energy Consumption: Residential and Commercial Sectors**  
(Trillion Btu)

	Residential Sector				Commercial Sector <sup>a</sup>								
	Geo-thermal <sup>b</sup>	Solar/PV <sup>c</sup>	Biomass		Hydro-electric Power <sup>e</sup>	Geo-thermal <sup>b</sup>	Solar/PV <sup>f</sup>	Wind <sup>g</sup>	Biomass				Total
			Wood <sup>d</sup>	Total					Wood <sup>d</sup>	Waste <sup>h</sup>	Fuel Ethanol <sup>i</sup>	Total	
<b>1973 Total</b> .....	NA	NA	354	354	NA	NA	NA	NA	7	NA	NA	7	7
<b>1975 Total</b> .....	NA	NA	425	425	NA	NA	NA	NA	8	NA	NA	8	8
<b>1980 Total</b> .....	NA	NA	850	850	NA	NA	NA	NA	21	NA	NA	21	21
<b>1985 Total</b> .....	NA	NA	1,010	1,010	NA	NA	NA	NA	24	NA	(s)	24	24
<b>1990 Total</b> .....	6	56	580	641	1	3	-	-	66	28	(s)	94	98
<b>1995 Total</b> .....	7	64	520	591	1	5	-	-	72	40	(s)	113	118
<b>1996 Total</b> .....	7	65	540	612	1	5	-	-	76	53	(s)	129	135
<b>1997 Total</b> .....	8	64	430	502	1	6	-	-	73	58	(s)	131	138
<b>1998 Total</b> .....	8	64	380	452	1	7	-	-	64	54	(s)	118	127
<b>1999 Total</b> .....	9	63	390	461	1	7	-	-	67	54	(s)	121	129
<b>2000 Total</b> .....	9	61	420	489	1	8	-	-	71	47	(s)	119	128
<b>2001 Total</b> .....	9	59	370	438	1	8	-	-	67	25	(s)	92	101
<b>2002 Total</b> .....	10	57	380	448	(s)	9	-	-	69	26	(s)	95	104
<b>2003 Total</b> .....	13	57	400	470	1	11	-	-	71	29	1	101	113
<b>2004 Total</b> .....	14	57	410	481	1	12	-	-	70	34	1	105	118
<b>2005 Total</b> .....	16	58	430	504	1	14	-	-	70	34	1	105	120
<b>2006 Total</b> .....	18	63	380	462	1	14	-	-	65	36	1	103	118
<b>2007 Total</b> .....	22	70	410	502	1	14	-	-	70	31	2	103	118
<b>2008 Total</b> .....	26	80	450	557	1	15	(s)	-	73	34	2	109	125
<b>2009 Total</b> .....	33	89	430	552	1	17	(s)	(s)	72	36	3	112	129
<b>2010 January</b> .....	3	10	36	48	(s)	2	(s)	(s)	6	3	(s)	9	11
February .....	3	9	32	44	(s)	1	(s)	(s)	5	3	(s)	8	10
March .....	3	10	36	48	(s)	2	(s)	(s)	6	3	(s)	9	11
April .....	3	9	35	47	(s)	2	(s)	(s)	6	3	(s)	9	11
May .....	3	10	36	48	(s)	2	(s)	(s)	6	4	(s)	10	12
June .....	3	9	35	47	(s)	2	(s)	(s)	6	3	(s)	9	11
July .....	3	10	36	48	(s)	2	(s)	(s)	6	3	(s)	9	11
August .....	3	10	36	48	(s)	2	(s)	(s)	6	3	(s)	10	11
September .....	3	9	35	47	(s)	2	(s)	(s)	6	3	(s)	9	11
October .....	3	10	36	48	(s)	2	(s)	(s)	6	3	(s)	9	11
November .....	3	9	35	47	(s)	2	(s)	(s)	6	3	(s)	9	11
December .....	3	10	36	48	(s)	2	(s)	(s)	6	3	(s)	9	11
<b>Total</b> .....	<b>37</b>	<b>114</b>	<b>420</b>	<b>571</b>	<b>1</b>	<b>19</b>	<b>(s)</b>	<b>(s)</b>	<b>72</b>	<b>36</b>	<b>3</b>	<b>111</b>	<b>130</b>
<b>2011 January</b> .....	3	12	37	52	(s)	2	(s)	(s)	6	3	(s)	9	11
February .....	3	11	33	47	(s)	2	(s)	(s)	5	3	(s)	9	10
March .....	3	12	37	52	(s)	2	(s)	(s)	6	3	(s)	9	11
April .....	3	12	35	50	(s)	2	(s)	(s)	6	3	(s)	9	10
May .....	3	12	37	52	(s)	2	(s)	(s)	6	3	(s)	9	11
June .....	3	12	35	50	(s)	2	(s)	(s)	6	3	(s)	9	11
July .....	3	12	37	52	(s)	2	(s)	(s)	6	3	(s)	9	11
August .....	3	12	37	52	(s)	2	(s)	(s)	6	3	(s)	9	11
September .....	3	12	35	50	(s)	2	(s)	(s)	6	3	(s)	9	11
October .....	3	12	37	52	(s)	2	(s)	(s)	6	3	(s)	9	11
November .....	3	12	35	50	(s)	2	(s)	(s)	6	3	(s)	9	11
December .....	3	12	37	52	(s)	2	(s)	(s)	6	3	(s)	10	11
<b>Total</b> .....	<b>40</b>	<b>140</b>	<b>430</b>	<b>610</b>	<b>1</b>	<b>20</b>	<b>(s)</b>	<b>(s)</b>	<b>71</b>	<b>36</b>	<b>3</b>	<b>110</b>	<b>131</b>
<b>2012 January</b> .....	3	14	36	54	(s)	2	(s)	(s)	6	3	(s)	9	11
February .....	3	13	34	51	(s)	2	(s)	(s)	6	3	(s)	9	10
March .....	3	14	36	54	(s)	2	(s)	(s)	6	3	(s)	9	11
April .....	3	14	35	52	(s)	2	(s)	(s)	6	3	(s)	9	11
May .....	3	14	36	54	(s)	2	(s)	(s)	6	3	(s)	9	11
June .....	3	14	35	52	(s)	2	(s)	(s)	6	6	(s)	12	14
<b>6-Month Total</b> .....	<b>20</b>	<b>84</b>	<b>214</b>	<b>318</b>	<b>(s)</b>	<b>10</b>	<b>(s)</b>	<b>(s)</b>	<b>35</b>	<b>20</b>	<b>2</b>	<b>57</b>	<b>67</b>
<b>2011 6-Month Total</b> .....	<b>20</b>	<b>70</b>	<b>213</b>	<b>303</b>	<b>1</b>	<b>10</b>	<b>(s)</b>	<b>(s)</b>	<b>35</b>	<b>17</b>	<b>2</b>	<b>54</b>	<b>64</b>
<b>2010 6-Month Total</b> .....	<b>18</b>	<b>57</b>	<b>208</b>	<b>283</b>	<b>1</b>	<b>9</b>	<b>(s)</b>	<b>(s)</b>	<b>35</b>	<b>19</b>	<b>2</b>	<b>56</b>	<b>65</b>

<sup>a</sup> Commercial sector, including commercial combined-heat-and-power (CHP) and commercial electricity-only plants. See Note, "Classification of Power Plants Into Energy-Use Sectors," at end of Section 7.

<sup>b</sup> Geothermal heat pump and direct use energy.

<sup>c</sup> Solar thermal direct use energy, and photovoltaic (PV) electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6). Includes distributed solar thermal and PV energy used in the commercial, industrial, and electric power sectors.

<sup>d</sup> Wood and wood-derived fuels.

<sup>e</sup> Conventional hydroelectricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6).

<sup>f</sup> Photovoltaic (PV) electricity net generation (converted to Btu using the fossil-fuels heat rate—see Table A6) at commercial plants with capacity of 1 megawatt or greater.

<sup>g</sup> Wind electricity net generation (converted to Btu using the fossil-fuels heat

rate—see Table A6).

<sup>h</sup> Municipal solid waste from biogenic sources, landfill gas, sludge waste, agricultural byproducts, and other biomass. Through 2000, also includes non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

<sup>i</sup> The fuel ethanol (minus denaturant) portion of motor fuels, such as E10, consumed by the commercial sector.

NA=Not available. - =No data reported. (s)=Less than 0.5 trillion Btu.

Notes: • Data are estimates, except for commercial sector solar/PV, hydroelectric power, wind, and waste. • Totals may not equal sum of components due to independent rounding. • Geographic coverage is the 50 States and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#renewable> for all available data beginning in 1973.

Sources: See end of section.