

**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	Total	Hydro- electric Power <sup>e</sup>	Geo- thermal <sup>b</sup>	Biomass			Total	Total
			Wood <sup>d</sup>				Wood <sup>d</sup>	Waste <sup>f</sup>	Fuel Ethanol <sup>g</sup>		
<b>1973 Total</b> .....	NA	NA	354	354	NA	NA	7	NA	NA	7	7
<b>1975 Total</b> .....	NA	NA	425	425	NA	NA	8	NA	NA	8	8
<b>1980 Total</b> .....	NA	NA	850	850	NA	NA	21	NA	NA	21	21
<b>1985 Total</b> .....	NA	NA	1,010	1,010	NA	NA	24	NA	(s)	24	24
<b>1990 Total</b> .....	6	56	580	641	1	3	66	28	1	94	98
<b>1995 Total</b> .....	7	65	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	65	430	503	1	6	73	58	(s)	131	138
<b>1998 Total</b> .....	8	65	380	452	1	7	64	54	(s)	118	127
<b>1999 Total</b> .....	9	64	390	462	1	7	67	54	(s)	121	129
<b>2000 Total</b> .....	9	61	420	490	1	8	71	47	(s)	119	128
<b>2001 Total</b> .....	9	60	370	439	1	8	67	25	(s)	92	101
<b>2002 Total</b> .....	10	59	380	449	(s)	9	69	26	(s)	95	104
<b>2003 Total</b> .....	13	58	400	471	1	11	71	29	1	101	113
<b>2004 Total</b> .....	14	59	410	483	1	12	70	34	1	105	118
<b>2005 Total</b> .....	16	61	450	527	1	14	70	34	1	105	119
<b>2006</b> January .....	2	6	35	42	(s)	1	5	3	(s)	9	10
February .....	1	5	31	38	(s)	1	5	3	(s)	8	9
March .....	2	6	35	42	(s)	1	5	3	(s)	8	10
April .....	2	6	34	41	(s)	1	5	3	(s)	8	10
May .....	2	6	35	42	(s)	1	5	3	(s)	9	10
June .....	2	6	34	41	(s)	1	5	3	(s)	8	10
July .....	2	6	35	42	(s)	1	5	3	(s)	9	10
August .....	2	6	35	42	(s)	1	6	3	(s)	9	10
September .....	2	6	34	41	(s)	1	5	3	(s)	8	R 10
October .....	2	6	35	42	(s)	1	5	3	(s)	9	10
November .....	2	6	34	41	(s)	1	5	3	(s)	8	10
December .....	2	6	35	42	(s)	1	6	3	(s)	9	10
<b>Total</b> .....	<b>18</b>	<b>67</b>	<b>410</b>	<b>495</b>	<b>1</b>	<b>14</b>	<b>65</b>	<b>36</b>	<b>1</b>	<b>102</b>	<b>117</b>
<b>2007</b> January .....	2	6	39	47	(s)	1	5	3	(s)	9	10
February .....	2	6	35	43	(s)	1	5	3	(s)	8	9
March .....	2	6	39	47	(s)	1	5	3	(s)	9	10
April .....	2	6	38	46	(s)	1	5	3	(s)	8	9
May .....	2	6	39	47	(s)	1	5	3	(s)	9	10
June .....	2	6	38	46	(s)	1	5	3	(s)	9	10
July .....	2	6	39	47	(s)	1	5	3	(s)	9	10
August .....	2	6	39	47	(s)	1	5	3	(s)	9	10
September .....	2	6	38	46	(s)	1	5	3	(s)	8	10
October .....	2	6	39	47	(s)	1	5	3	(s)	9	10
November .....	2	6	38	46	(s)	1	5	3	(s)	9	10
December .....	2	6	39	47	(s)	1	6	3	(s)	9	10
<b>Total</b> .....	<b>22</b>	<b>74</b>	<b>460</b>	<b>556</b>	<b>1</b>	<b>14</b>	<b>65</b>	<b>37</b>	<b>2</b>	<b>104</b>	<b>119</b>
<b>2008</b> January .....	2	6	39	47	(s)	1	5	2	(s)	8	9
February .....	2	6	36	44	(s)	1	5	3	(s)	8	9
March .....	2	6	39	47	(s)	1	5	3	(s)	8	10
April .....	2	6	38	46	(s)	1	5	3	(s)	9	10
May .....	2	6	39	47	(s)	1	5	3	(s)	9	10
June .....	2	6	38	46	(s)	1	5	3	(s)	9	10
July .....	2	6	39	47	(s)	1	5	3	(s)	9	10
August .....	2	6	39	47	(s)	1	5	3	(s)	9	10
September .....	2	6	38	46	(s)	1	5	3	(s)	8	10
<b>9-Month Total</b> .....	<b>16</b>	<b>56</b>	<b>344</b>	<b>417</b>	<b>1</b>	<b>11</b>	<b>48</b>	<b>26</b>	<b>2</b>	<b>76</b>	<b>88</b>
<b>2007 9-Month Total</b> .....	<b>16</b>	<b>56</b>	<b>344</b>	<b>416</b>	<b>1</b>	<b>11</b>	<b>48</b>	<b>28</b>	<b>1</b>	<b>77</b>	<b>89</b>
<b>2006 9-Month Total</b> .....	<b>14</b>	<b>50</b>	<b>307</b>	<b>371</b>	<b>1</b>	<b>10</b>	<b>48</b>	<b>27</b>	<b>1</b>	<b>76</b>	<b>88</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 electricity net generation (converted to Btu using the fossil-fueled plants heat rate). Includes a small amount of commercial sector use.

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

<sup>e</sup> Conventional hydroelectricity net generation (converted to Btu using the fossil-fueled plants heat rate).

<sup>f</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>g</sup> The ethanol portion of motor fuels (such as E10) consumed by the commercial sector.

R=Revised. NA=Not available. (s)=Less than 0.5 trillion Btu.

Notes: • Data are estimates, except for commercial sector hydroelectric power 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.doe.gov/emeu/mer/renew.html> for all available data beginning in 1973.

Sources: See end of section.