

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

	Residential Sector				Commercial Sector ^a								
	Geo-thermal ^b	Solar/ PV ^c	Biomass	Total	Hydro- electric Power ^e	Geo- thermal ^b	Solar/ PV ^f	Wind ^g	Biomass				Total
			Wood ^d						Wood ^d	Waste ^h	Fuel Ethanol ⁱ	Total	
1973 Total	NA	NA	354	354	NA	NA	NA	NA	7	NA	NA	7	7
1975 Total	NA	NA	425	425	NA	NA	NA	NA	8	NA	NA	8	8
1980 Total	NA	NA	850	850	NA	NA	NA	NA	21	NA	NA	21	21
1985 Total	NA	NA	1,010	1,010	NA	NA	NA	NA	24	NA	(s)	24	24
1990 Total	6	56	580	641	1	3	-	-	66	28	(s)	94	98
1995 Total	7	64	520	591	1	5	-	-	72	40	(s)	113	118
1996 Total	7	65	540	612	1	5	-	-	76	53	(s)	129	135
1997 Total	8	64	430	502	1	6	-	-	73	58	(s)	131	138
1998 Total	8	64	380	452	1	7	-	-	64	54	(s)	118	127
1999 Total	9	63	390	461	1	7	-	-	67	54	(s)	121	129
2000 Total	9	61	420	489	1	8	-	-	71	47	(s)	119	128
2001 Total	9	59	370	438	1	8	-	-	67	25	(s)	92	101
2002 Total	10	57	380	448	(s)	9	-	-	69	26	(s)	95	104
2003 Total	13	57	400	470	1	11	-	-	71	29	1	101	113
2004 Total	14	57	410	481	1	12	-	-	70	34	1	105	118
2005 Total	16	58	430	504	1	14	-	-	70	34	1	105	120
2006 Total	18	63	380	462	1	14	-	-	65	36	1	103	118
2007 Total	22	70	410	502	1	14	-	-	70	31	2	103	118
2008 Total	26	80	450	557	1	15	(s)	-	73	34	2	109	125
2009 Total	33	89	430	552	1	17	(s)	(s)	72	36	3	112	129
2010													
January	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	10
December	3	10	36	48	(s)	2	(s)	(s)	6	3	(s)	9	11
Total	37	114	420	571	1	19	(s)	(s)	72	36	3	111	130
2011													
January	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
Total	40	140	430	610	1	20	(s)	(s)	71	36	3	110	131
2012													
January	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
5-Month Total	16	70	179	265	(s)	8	(s)	(s)	29	14	1	45	54
2011 5-Month Total	16	58	178	252	1	8	(s)	(s)	29	14	1	45	54
2010 5-Month Total	15	47	174	236	(s)	8	(s)	(s)	30	15	1	46	54

^a 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.

^b Geothermal heat pump and direct use energy.

^c 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.

^d Wood and wood-derived fuels.

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

^f 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.

^g Wind electricity net generation (converted to Btu using the fossil-fuels heat

rate—see Table A6).

^h 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).

ⁱ 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.