

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	Biomass			Total	Total	
			Wood ^d				Wood ^d	Waste ^f	Fuel Ethanol ^g			
1973 Total	NA	NA	354	354	NA	NA	7	NA	NA	7	7	
1975 Total	NA	NA	425	425	NA	NA	8	NA	NA	8	8	
1980 Total	NA	NA	850	850	NA	NA	21	NA	NA	21	21	
1985 Total	NA	NA	1,010	1,010	NA	NA	24	NA	(s)	24	24	
1990 Total	6	56	580	641	1	3	66	28	1	94	98	
1995 Total	7	65	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	65	430	503	1	6	73	58	(s)	131	138	
1998 Total	8	65	380	452	1	7	64	54	(s)	118	127	
1999 Total	9	64	390	462	1	7	67	54	(s)	121	129	
2000 Total	9	61	420	490	1	8	71	47	(s)	119	128	
2001 Total	9	60	370	439	1	8	67	25	(s)	92	101	
2002 Total	10	59	380	449	(s)	9	69	26	(s)	95	104	
2003 Total	13	58	400	471	1	11	71	29	1	101	113	
2004 Total	14	59	410	483	1	12	70	34	1	105	118	
2005 Total	16	61	450	527	1	14	70	34	1	105	119	
2006 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	9	
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	
Total	18	67	410	495	1	14	65	36	1	102	117	
2007 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	
Total	22	74	460	556	1	14	65	37	2	104	119	
2008 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	F	1	5	F 4	(s)	9	10	
7-Month Total	13	43	268	324	E	(s)	8	38	E 21	1	60	69
2007 7-Month Total	13	43	267	323	1	8	38	22	1	60	69	
2006 7-Month Total	11	39	238	288	1	8	38	21	1	59	68	

^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 electricity net generation (converted to Btu using the fossil-fueled plants heat rate). Includes a small amount of commercial sector use.

^d Wood and wood-derived fuels.

^e Conventional hydroelectricity net generation (converted to Btu using the fossil-fueled plants heat rate).

^f 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).

^g The ethanol portion of motor fuels (such as E10) consumed by the commercial sector.

E=Estimate. F=Forecast. 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.