

Table 10.2c Renewable Energy Consumption: Electric Power Sector
(Trillion Btu)

	Hydro-electric Power ^a	Geo-thermal ^b	Solar/PV ^c	Wind ^d	Biomass			Total
					Wood ^e	Waste ^f	Total	
1973 Total	2,827	43	NA	NA	1	2	3	2,873
1975 Total	3,122	70	NA	NA	(s)	2	2	3,194
1980 Total	2,867	110	NA	NA	3	2	4	2,982
1985 Total	2,937	198	(s)	(s)	8	7	14	3,150
1990 Total ^g	3,014	326	4	29	129	188	317	3,689
1995 Total	3,149	280	5	33	125	296	422	3,889
1996 Total	3,528	300	5	33	138	300	438	4,305
1997 Total	3,581	309	5	34	137	309	446	4,375
1998 Total	3,241	311	5	31	137	308	444	4,032
1999 Total	3,218	312	5	46	138	315	453	4,034
2000 Total	2,768	296	5	57	134	318	453	3,579
2001 Total	2,209	289	6	70	126	211	337	2,910
2002 Total	2,650	305	6	105	150	230	380	3,445
2003 Total	2,781	303	5	115	167	230	397	3,601
2004 Total	2,656	311	6	142	165	223	388	3,503
2005 Total	2,670	309	6	178	185	221	406	3,568
2006 Total	2,839	306	5	264	182	231	412	3,827
2007 January	256	27	(s)	24	19	20	39	346
February	182	24	(s)	25	15	17	32	263
March	237	25	(s)	30	15	20	35	328
April	234	24	1	31	15	18	33	324
May	256	24	1	29	14	20	34	344
June	224	26	1	26	15	20	35	312
July	221	26	1	21	16	21	36	306
August	196	26	1	27	16	21	36	286
September	145	26	1	28	15	20	35	235
October	145	27	(s)	33	15	20	35	241
November	154	25	(s)	31	15	21	36	246
December	180	27	(s)	34	16	21	37	278
Total	2,430	308	6	341	186	237	423	3,508
2008 January	199	25	(s)	41	16	21	37	302
February	179	23	(s)	37	15	18	33	272
March	207	26	1	46	16	23	39	318
April	209	26	1	50	14	20	34	319
May	260	27	1	51	13	20	33	371
June	280	27	1	49	14	21	35	393
July	244	27	1	38	17	21	37	347
August	200	27	1	31	16	21	37	296
September	154	26	1	27	15	19	34	242
October	148	27	1	43	14	19	33	251
November	152	26	(s)	45	15	19	35	258
December	202	26	(s)	58	16	21	37	322
Total	2,432	312	8	514	181	242	423	3,690
2009 January	230	26	(s)	54	16	19	35	346
February	174	24	(s)	49	14	18	32	280
March	210	26	1	64	14	22	36	337
April	247	25	1	67	12	19	32	371
May	286	25	1	57	13	20	33	402
June	283	25	1	49	15	20	36	394
July	228	26	1	45	16	21	36	336
7-Month Total	1,658	177	5	385	101	140	240	2,465
2008 7-Month Total	1,576	180	5	311	105	143	248	2,321
2007 7-Month Total	1,610	177	4	187	109	135	244	2,222

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

^b Geothermal electricity net generation (converted to Btu using the geothermal energy plants heat rate).

^c Solar thermal and photovoltaic electricity net generation (converted to Btu using the fossil-fueled plants heat rate).

^d Wind electricity net generation (converted to Btu using the fossil-fueled plants heat rate).

^e Wood and wood-derived fuels.

^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 Through 1988, data are for electric utilities only. Beginning in 1989, data are for electric utilities and independent power producers.

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

Notes: • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • 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: • Biomass: Table 7.4b. • All Other Data: Tables 7.2b and A6.