

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

	Hydro-electric Power ^a	Geo-thermal ^b	Solar ^c	Wind ^d	Biomass			Total
					Wood ^e	Waste ^f	Total	
1950 Total	1,346	NA	NA	NA	5	NA	5	1,351
1955 Total	1,322	NA	NA	NA	3	NA	3	1,325
1960 Total	1,569	(s)	NA	NA	2	NA	2	1,571
1965 Total	2,026	2	NA	NA	3	NA	3	2,031
1970 Total	2,600	6	NA	NA	1	2	4	2,609
1975 Total	3,122	34	NA	NA	(s)	2	2	3,158
1980 Total	2,867	53	NA	NA	3	2	4	2,925
1985 Total	2,937	97	(s)	(s)	8	7	14	3,049
1990 Total ^g	3,014	161	4	29	129	188	317	3,524
1995 Total	3,149	138	5	33	125	296	422	3,747
2000 Total	2,768	144	5	57	134	318	453	3,427
2001 Total	2,209	142	6	70	126	211	337	2,763
2002 Total	2,650	147	6	105	150	230	380	3,288
2003 Total	2,749	146	5	113	167	230	397	3,411
2004 Total	2,655	148	6	142	165	223	388	3,339
2005 Total	2,670	147	6	178	185	221	406	3,406
2006 Total	2,839	145	5	264	182	231	412	3,665
2007 Total	2,430	145	6	341	186	237	423	3,345
2008 Total	2,494	146	9	546	177	258	435	3,630
2009 Total	2,650	146	9	721	180	261	441	3,967
2010 Total	2,521	148	12	923	196	264	459	4,064
2011 Total	3,085	149	17	1,167	182	255	437	4,855
2012 Total	2,606	148	40	1,339	190	262	453	4,586
2013 Total	2,529	151	83	1,600	207	262	470	4,833
2014 January	205	13	7	170	21	24	45	440
February	164	11	8	133	20	22	42	359
March	230	13	12	169	22	24	46	469
April	241	12	14	177	18	23	41	485
May	251	13	16	148	17	24	41	469
June	244	12	18	150	22	24	45	470
July	231	13	17	116	23	25	48	423
August	187	13	17	97	23	24	46	361
September	152	12	17	109	21	22	43	334
October	162	13	16	138	20	22	42	371
November	176	13	13	179	22	22	44	425
December	211	13	10	140	22	23	45	419
Total	2,454	151	165	1,726	251	279	530	5,026
2015 January	R 224	R 13	11	R 141	22	R 23	R 45	R 433
February	R 207	R 12	R 14	R 139	21	R 20	R 41	R 412
March	R 225	R 13	R 19	R 143	R 21	22	R 43	R 443
April	R 208	R 12	R 22	R 166	R 18	22	R 40	R 448
May	R 186	R 13	R 23	R 160	R 18	R 23	41	R 423
June	R 189	R 12	R 23	R 125	21	R 23	R 44	R 393
July	R 195	R 13	R 24	R 127	R 22	R 26	48	R 407
August	R 177	R 13	R 25	R 122	R 23	R 25	R 48	R 384
September	R 149	R 11	R 20	R 130	20	R 23	R 43	R 354
October	R 154	R 12	R 17	R 152	R 17	R 24	41	R 378
November	R 179	R 12	R 16	R 183	R 19	R 25	R 44	R 434
December	R 214	13	R 14	R 187	R 21	25	R 47	R 476
Total	R 2,308	R 148	R 228	R 1,776	R 244	R 281	R 525	R 4,985
2016 January	R 235	14	14	R 172	21	R 25	45	R 480
February	R 224	13	R 22	R 188	21	R 23	43	R 490
March	R 250	14	R 24	R 203	20	23	R 43	R 534
April	R 236	12	R 27	R 191	R 15	R 25	R 40	R 506
May	R 235	14	R 32	R 175	R 16	R 24	R 40	R 496
June	R 212	13	R 32	R 152	R 19	R 24	42	R 452
July	R 197	R 13	R 37	R 164	20	24	R 45	R 456
August	R 180	R 13	R 36	R 126	21	R 25	R 46	R 401
September	151	14	33	153	18	23	41	392
9-Month Total	1,920	119	257	1,524	170	215	385	4,206
2015 9-Month Total	1,760	111	180	1,253	186	207	393	3,697
2014 9-Month Total	1,904	112	126	1,269	187	212	399	3,811

^a Conventional hydroelectricity net generation (converted to Btu by multiplying by the total fossil fuels heat rate factors in Table A6).

^b Geothermal electricity net generation (converted to Btu by multiplying by the total fossil fuels heat rate factors in Table A6).

^c Solar photovoltaic (PV) and solar thermal electricity net generation in the electric power sector (converted to Btu by multiplying by the total fossil fuels heat rate factors in Table A6). See Table 10.5.

^d Wind electricity net generation (converted to Btu by multiplying by the total fossil fuels heat rate factors in Table A6).

^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.

R=Revised. 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.gov/totalenergy/data/monthly/#renewable> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: Tables 7.2b, 7.4b, and A6.