

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

	Hydro- electric Power <sup>a</sup>	Geo- thermal <sup>b</sup>	Solar <sup>c</sup>	Wind <sup>d</sup>	Biomass			Total
					Wood <sup>e</sup>	Waste <sup>f</sup>	Total	
<b>1950 Total</b> .....	1,346	NA	NA	NA	5	NA	5	1,351
<b>1955 Total</b> .....	1,322	NA	NA	NA	3	NA	3	1,325
<b>1960 Total</b> .....	1,569	(s)	NA	NA	2	NA	2	1,571
<b>1965 Total</b> .....	2,026	2	NA	NA	3	NA	3	2,031
<b>1970 Total</b> .....	2,600	6	NA	NA	1	2	4	2,609
<b>1975 Total</b> .....	3,122	34	NA	NA	(s)	2	2	3,158
<b>1980 Total</b> .....	2,867	53	NA	NA	3	2	4	2,925
<b>1985 Total</b> .....	2,937	97	(s)	(s)	8	7	14	3,049
<b>1990 Total</b> <sup>g</sup> .....	3,014	161	4	29	129	188	317	3,524
<b>1995 Total</b> .....	3,149	138	5	33	125	296	422	3,747
<b>2000 Total</b> .....	2,768	144	5	57	134	318	453	3,427
<b>2001 Total</b> .....	2,209	142	6	70	126	211	337	2,763
<b>2002 Total</b> .....	2,650	147	6	105	150	230	380	3,288
<b>2003 Total</b> .....	2,749	146	5	113	167	230	397	3,411
<b>2004 Total</b> .....	2,655	148	6	142	165	223	388	3,339
<b>2005 Total</b> .....	2,670	147	6	178	185	221	406	3,406
<b>2006 Total</b> .....	2,839	145	5	264	182	231	412	3,665
<b>2007 Total</b> .....	2,430	145	6	341	186	237	423	3,345
<b>2008 Total</b> .....	2,494	146	9	546	177	258	435	3,630
<b>2009 Total</b> .....	2,650	146	9	721	180	261	441	3,967
<b>2010 Total</b> .....	2,521	148	12	923	196	264	459	4,064
<b>2011 Total</b> .....	3,085	149	17	1,167	182	255	437	4,855
<b>2012 Total</b> .....	2,606	148	40	1,339	190	262	453	4,586
<b>2013 Total</b> .....	2,529	151	83	1,600	207	262	470	4,833
<b>2014 January</b> .....	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
<b>Total</b> .....	<b>2,454</b>	<b>151</b>	<b>165</b>	<b>1,726</b>	<b>251</b>	<b>279</b>	<b>530</b>	<b>5,026</b>
<b>2015 January</b> .....	224	13	11	141	22	23	45	433
February .....	207	12	14	139	21	20	41	412
March .....	225	13	19	143	21	22	43	443
April .....	208	12	22	166	18	22	40	448
May .....	186	13	23	160	18	23	41	423
June .....	189	12	23	125	21	23	44	393
July .....	195	13	24	127	22	26	48	407
August .....	177	13	25	122	23	25	48	384
September .....	149	11	20	130	20	23	43	354
October .....	154	12	17	152	17	24	41	378
November .....	179	12	16	183	19	25	44	434
December .....	214	13	14	187	21	25	47	476
<b>Total</b> .....	<b>2,308</b>	<b>148</b>	<b>228</b>	<b>1,776</b>	<b>244</b>	<b>281</b>	<b>525</b>	<b>4,985</b>
<b>2016 January</b> .....	235	14	14	172	21	25	45	480
February .....	224	13	22	188	21	23	43	490
March .....	250	14	24	203	20	23	43	534
April .....	236	12	27	191	15	25	40	506
May .....	235	14	32	175	16	24	40	496
June .....	212	13	32	152	19	24	42	452
July .....	197	13	37	164	20	24	45	456
August .....	180	13	36	126	21	25	46	401
September .....	151	14	33	153	18	23	41	392
October .....	160	14	29	190	15	24	39	431
<b>10-Month Total</b> ...	<b>2,080</b>	<b>133</b>	<b>286</b>	<b>1,714</b>	<b>185</b>	<b>239</b>	<b>424</b>	<b>4,637</b>
<b>2015 10-Month Total</b> ...	<b>1,914</b>	<b>123</b>	<b>198</b>	<b>1,405</b>	<b>203</b>	<b>231</b>	<b>434</b>	<b>4,074</b>
<b>2014 10-Month Total</b> ...	<b>2,067</b>	<b>125</b>	<b>142</b>	<b>1,407</b>	<b>207</b>	<b>234</b>	<b>441</b>	<b>4,182</b>

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

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

<sup>c</sup> 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.

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

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

<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> 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.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.