

Table 10.2b Renewable Energy Consumption: Electric Power Sector and Total, Selected Years, 1949-2003
(Trillion Btu)

Year	Electric Power Sector ¹							Renewable Energy Consumption Total
	Conventional Hydroelectric Power	Wood ²	Waste ³	Geothermal ⁴	Solar ⁵	Wind ⁶	Total	
1949	1,349	6	NA	NA	NA	NA	1,355	2,974
1950	1,346	5	NA	NA	NA	NA	1,351	2,978
1955	1,322	3	NA	NA	NA	NA	1,325	2,784
1960	1,569	2	NA	1	NA	NA	1,571	2,929
1965	2,026	3	NA	4	NA	NA	2,033	3,398
1970	2,600	1	2	11	NA	NA	2,615	4,076
1971	2,790	1	2	12	NA	NA	2,806	4,268
1972	2,829	1	2	31	NA	NA	2,864	4,398
1973	2,827	1	2	43	NA	NA	2,873	4,433
1974	3,143	1	2	53	NA	NA	3,199	4,769
1975	3,122	(s)	2	70	NA	NA	3,194	4,723
1976	2,943	1	2	78	NA	NA	3,024	4,768
1977	2,301	3	2	77	NA	NA	2,383	4,249
1978	2,905	2	1	64	NA	NA	2,973	5,039
1979	2,897	3	2	84	NA	NA	2,986	5,166
1980	2,867	3	2	110	NA	NA	2,982	5,494
1981	2,725	3	1	123	NA	NA	2,852	5,471
1982	3,233	2	1	105	NA	NA	3,341	5,985
1983	3,494	2	2	129	NA	(s)	3,627	6,488
1984	3,353	5	4	165	(s)	(s)	3,527	6,431
1985	2,937	8	7	198	(s)	(s)	3,150	6,033
1986	3,038	5	7	219	(s)	(s)	3,270	6,132
1987	2,602	8	7	229	(s)	(s)	2,846	5,687
1988	2,302	10	8	217	(s)	(s)	2,536	5,489
1989	¹ 2,808	¹ 100	¹ 132	¹ 308	¹ 3	¹ 22	¹ 3,372	6,294
1990	3,014	129	188	326	4	29	3,689	6,133
1991	2,985	126	229	335	5	31	3,710	6,158
1992	2,586	140	262	338	4	30	3,360	5,907
1993	2,861	150	265	351	5	31	3,662	^R 6,156
1994	2,620	152	282	325	5	36	3,420	6,065
1995	3,149	125	296	280	5	33	3,889	6,669
1996	3,528	138	300	300	5	33	4,305	7,137
1997	3,581	137	309	309	5	34	4,375	7,075
1998	3,241	137	308	311	5	31	4,032	6,561
1999	3,218	138	315	312	5	46	4,034	6,599
2000	2,768	134	318	296	5	57	3,579	6,158
2001	2,169	126	324	289	6	68	2,982	^R 5,286
2002	^{RP} 2,636	^R 150	^R 365	^R 305	^P 6	^{RP} 105	^{RP} 3,567	^{RP} 5,963
2003	^P 2,722	^P 161	^P 346	^P 276	^P 5	^P 108	^P 3,619	^P 6,150

¹ Electricity-only and combined-heat-and-power (CHP) plants within the NAICS (North American Industry Classification System) 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only; beginning in 1989, data are for electric utilities and independent power producers.

² Wood, black liquor, and other wood waste.

³ Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.

⁴ Geothermal electricity net generation.

⁵ Solar thermal and photovoltaic electricity net generation.

⁶ Wind electricity net generation.

R=Revised. P=Preliminary. NA=Not available. (s)=Less than 0.5 trillion Btu.

Notes: • See Note 3, "Electricity Imports and Exports," at end of Section 8. • Totals may not equal sum of components due to independent rounding.

Web Pages: • For data not shown for 1951-1969, see <http://www.eia.doe.gov/emeu/aer/renew.html>.

• For related information, see <http://www.eia.doe.gov/fuelrenewable.html>.

Sources: Tables 8.2b, 8.5b, 8.7b, and A6.