

**Table 8.4c Consumption for Electricity Generation by Energy Source: Commercial and Industrial Sectors, 1989-2003**  
(Subset of Table 8.4a; Trillion Btu)

Year	Fossil Fuels					Nuclear Electric Power	Hydro-electric Pumped Storage <sup>5</sup>	Renewable Energy							Other <sup>9</sup>	Electricity Net Imports	Total
	Coal <sup>1</sup>	Petroleum <sup>2</sup>	Natural Gas <sup>3</sup>	Other Gases <sup>4</sup>	Total			Conventional Hydroelectric Power	Wood <sup>6</sup>	Waste <sup>7</sup>	Geo-thermal	Solar <sup>8</sup>	Wind	Total			
Commercial Sector <sup>10</sup>																	
1989	9	7	18	1	36	—	—	1	2	9	—	—	—	12	0	—	47
1990	9	6	27	1	43	—	—	1	2	15	—	—	—	18	0	—	61
1991	9	3	28	1	41	—	—	1	2	15	—	—	—	18	(s)	—	59
1992	8	3	33	1	45	—	—	1	1	16	—	—	—	19	(s)	—	64
1993	9	4	38	1	53	—	—	1	1	16	—	—	—	18	0	—	71
1994	9	4	42	1	56	—	—	1	1	17	—	—	—	19	0	—	75
1995	12	4	44	0	60	—	—	1	1	21	—	—	—	23	(s)	—	83
1996	14	4	44	0	62	—	—	1	1	31	—	—	—	33	(s)	—	95
1997	14	5	40	(s)	59	—	—	1	1	34	—	—	—	35	0	—	94
1998	11	5	42	(s)	57	—	—	1	1	32	—	—	—	34	0	—	91
1999	12	6	40	0	57	—	—	1	(s)	33	—	—	—	35	0	—	92
2000	12	5	38	0	55	—	—	1	(s)	26	—	—	—	28	(s)	—	82
2001	13	6	37	0	56	—	—	1	(s)	22	—	—	—	23	0	—	79
2002	<sup>R</sup> 9	<sup>R</sup> 4	<sup>R</sup> 31	0	<sup>R</sup> 44	—	—	<sup>RP</sup> (s)	(s)	<sup>R</sup> 28	—	—	—	<sup>RP</sup> 29	<sup>R</sup> 1	—	<sup>R</sup> 73
2003	<sup>P</sup> 12	<sup>P</sup> 7	<sup>P</sup> 36	<sup>P</sup> 0	<sup>P</sup> 55	—	—	<sup>P</sup> 1	(s)	<sup>P</sup> 32	—	—	—	<sup>P</sup> 33	<sup>P</sup> 0	—	<sup>P</sup> 88
Industrial Sector <sup>11</sup>																	
1989	229	53	456	83	821	—	—	28	267	15	—	—	—	311	37	—	1,169
1990	233	80	500	104	918	—	—	31	335	16	—	—	—	382	36	—	1,336
1991	228	74	537	118	957	—	—	30	318	14	—	—	—	362	55	—	1,374
1992	246	84	559	128	1,017	—	—	31	359	15	—	—	—	405	37	—	1,459
1993	256	77	562	123	1,019	—	—	30	355	17	—	—	—	401	31	—	1,451
1994	261	75	584	123	1,043	—	—	62	364	14	—	—	—	440	38	—	1,521
1995	259	66	617	114	1,057	—	—	55	373	13	—	—	—	440	40	—	1,537
1996	261	74	626	143	1,104	—	—	61	394	13	—	—	—	468	35	—	1,607
1997	260	63	637	105	1,064	—	—	58	367	14	—	—	—	439	36	—	1,538
1998	245	67	643	102	1,056	—	—	55	349	13	—	—	—	417	35	—	1,508
1999	242	68	660	112	1,081	—	—	49	364	8	—	—	—	422	39	—	1,542
2000	245	61	660	107	1,074	—	—	42	369	10	—	—	—	421	45	—	1,540
2001	227	62	674	88	1,051	—	—	32	370	10	—	—	—	412	41	—	1,504
2002	<sup>R</sup> 255	<sup>R</sup> 55	<sup>R</sup> 697	<sup>R</sup> 106	<sup>R</sup> 1,113	—	—	<sup>RP</sup> 39	<sup>R</sup> 464	<sup>R</sup> 18	—	—	—	<sup>RP</sup> 520	<sup>R</sup> 41	—	<sup>R</sup> 1,675
2003	<sup>P</sup> 243	<sup>P</sup> 63	<sup>P</sup> 673	<sup>P</sup> 107	<sup>P</sup> 1,086	—	—	<sup>P</sup> 57	<sup>P</sup> 424	<sup>P</sup> 13	—	—	—	<sup>P</sup> 494	<sup>P</sup> 25	—	<sup>P</sup> 1,605

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.  
<sup>2</sup> Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil.  
<sup>3</sup> Natural gas, plus a small amount of supplemental gaseous fuels that cannot be identified separately.  
<sup>4</sup> Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.  
<sup>5</sup> Pumped storage facility production minus energy used for pumping.  
<sup>6</sup> Wood, black liquor, and other wood waste.  
<sup>7</sup> Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.  
<sup>8</sup> Solar thermal and photovoltaic energy.  
<sup>9</sup> Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.  
<sup>10</sup> Commercial combined-heat-and-power (CHP) and commercial electricity-only plants.  
<sup>11</sup> Industrial combined-heat-and-power (CHP) and industrial electricity-only plants.

R=Revised. P=Preliminary. — = Not applicable. (s)=Less than 0.5 trillion Btu.  
 Notes: • Data are for energy consumed to produce electricity. • See Table 8.4b for electric power sector electricity-only and CHP data. • See Note 1, "Coverage of Electricity Statistics," and Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of section. • Totals may not equal sum of components due to independent rounding.  
 Web Page: For related information, see <http://www.eia.doe.gov/fuelectric.html>.  
 Sources: • 1989-1997—Energy Information Administration (EIA), Form EIA-867, "Annual Nonutility Power Producer Report." • 1998-2000—EIA, Form EIA-860B, "Annual Electric Generator Report—Nonutility." • 2001 and 2002—EIA, Form EIA-860, "Annual Electric Generator Report" and Form EIA-906, "Power Plant Report." • 2003—EIA, Form EIA-906, "Power Plant Report."