

Table 8.6c Estimated Consumption of Combustible Fuels for Useful Thermal Output at Combined-Heat-and-Power Plants: Commercial and Industrial Sectors, 1989-2007 (Subset of Table 8.6a)

Year	Coal ¹	Petroleum					Natural Gas ⁶	Other Gases ⁷	Biomass		Other ¹⁰
		Distillate Fuel Oil ²	Residual Fuel Oil ³	Other Liquids ⁴	Petroleum Coke ⁵	Total ⁵			Wood ⁸	Waste ⁹	
	Thousand Short Tons	Thousand Barrels			Thousand Short Tons	Thousand Barrels	Million Cubic Feet	Trillion Btu	Trillion Btu		Trillion Btu
Commercial Sector ¹¹											
1989	711	202	601	—	—	803	12,049	(s)	(s)	13	—
1990	773	389	715	(s)	—	1,104	18,913	(s)	(s)	13	—
1991	826	356	405	(s)	—	761	25,295	(s)	(s)	11	(s)
1992	804	259	538	(s)	2	807	29,672	(s)	1	16	(s)
1993	968	272	548	2	4	843	27,738	(s)	(s)	17	(s)
1994	940	534	379	—	4	931	31,457	(s)	(s)	17	—
1995	850	319	261	(s)	3	596	34,964	—	(s)	19	(s)
1996	1,005	260	328	(s)	3	601	40,075	(s)	1	22	(s)
1997	1,108	470	309	—	3	794	47,941	(s)	1	24	—
1998	1,002	418	573	—	3	1,006	46,527	(s)	1	22	—
1999	1,009	254	412	—	3	682	44,991	(s)	1	21	—
2000	1,034	403	366	2	4	792	47,844	(s)	1	21	—
2001	916	505	304	—	—	809	42,407	—	1	10	7
2002	929	248	108	28	6	416	41,430	—	1	8	6
2003	1,234	119	381	12	9	555	19,973	—	1	10	8
2004	1,315	294	477	20	6	821	26,189	—	1	12	8
2005	1,151	206	456	(s)	6	691	27,364	—	1	9	7
2006	^R 1,143	^R 79	^R 344	^R (s)	6	^R 453	^R 33,877	^R (s)	1	^R 10	7
2007 ^P	1,179	65	285	(s)	7	387	33,708	(s)	(s)	10	7
Industrial Sector ¹²											
1989	15,160	1,088	14,320	352	247	16,997	469,588	113	659	19	48
1990	17,041	1,488	16,120	893	918	23,093	538,506	171	790	25	50
1991	16,412	2,567	13,893	834	777	21,177	538,800	180	758	23	55
1992	16,864	1,945	14,891	925	856	22,041	565,279	194	801	24	50
1993	16,988	1,887	16,311	829	987	23,960	577,103	174	815	29	49
1994	17,428	1,906	17,419	505	1,075	25,207	608,496	173	884	27	52
1995	17,192	1,277	15,272	584	1,010	22,182	656,665	175	882	25	55
1996	17,281	1,624	17,069	670	1,097	24,848	678,608	182	855	26	53
1997	17,542	1,772	14,328	267	1,835	25,541	659,021	178	892	27	67
1998	16,824	4,391	15,313	662	1,230	26,518	730,108	202	862	29	58
1999	16,330	4,228	13,148	808	1,307	24,718	762,210	219	849	23	60
2000	16,325	2,200	12,459	1,402	800	20,062	745,165	223	875	25	63
2001	15,119	1,850	11,167	560	542	16,287	656,071	160	685	20	58
2002	14,377	1,149	9,097	1,312	399	13,555	554,970	139	672	18	48
2003	14,406	1,844	9,041	1,529	675	15,788	475,327	126	735	21	57
2004	16,276	2,376	11,819	774	758	18,758	426,016	147	818	13	40
2005	16,906	2,989	12,192	915	578	18,987	369,609	131	861	25	41
2006	^R 15,765	^R 1,171	^R 8,460	^R 758	^R 933	^R 15,055	^R 390,338	^R 138	^R 866	^R 26	^R 49
2007 ^P	16,477	1,638	7,251	828	1,053	14,979	469,420	154	794	27	46

¹ Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

² Fuel oil nos. 1, 2, and 4.

³ Fuel oil nos. 5 and 6.

⁴ Jet fuel, kerosene, other petroleum liquids, and waste oil.

⁵ Petroleum coke is converted from short tons to barrels by multiplying by 5.

⁶ Natural gas, plus a small amount of supplemental gaseous fuels.

⁷ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁸ Wood and wood-derived fuels.

⁹ 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).

¹⁰ Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, miscellaneous technologies, and, beginning in 2001, non-renewable waste (municipal solid waste from non-biogenic sources, and tire-derived fuels).

¹¹ Commercial combined-heat-and-power (CHP) plants.

¹² Industrial combined-heat-and-power (CHP) plants.

R=Revised. P=Preliminary. — = No data reported. (s)=Less than 0.5.

Notes: • Estimates are for fuels consumed to produce useful thermal output; they exclude fuels consumed to produce electricity. • See Table 8.6b for electric power sector CHP data. • See Note 1, "Coverage of Electricity Statistics," and Note 2, "Classification of Power Plants Into Energy-Use Sectors," at end of section. • See "Useful Thermal Output" in Glossary. • Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.doe.gov/fuelelectric.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." • 2001-2003—EIA, Form EIA-906, "Power Plant Report." • 2004 forward—EIA, Form EIA-920, "Combined Heat and Power Plant Report."