

Table 7.4b Consumption of Combustible Fuels for Electricity Generation and Useful Thermal Output: Electric Power Sector (Subset of Table 7.4a)

	Coal ^a	Petroleum					Natural Gas ^f	Other Gases ^g	Biomass		Other ⁱ
		Distillate Fuel Oil ^b	Residual Fuel Oil ^c	Other Liquids ^d	Petroleum Coke ^e	Total ^e			Wood ^h	Waste ⁱ	
1950 Total	91,871	5,423	69,998	NA	NA	75,421	629	NA	5	NA	NA
1955 Total	143,759	5,412	69,862	NA	NA	75,274	1,153	NA	3	NA	NA
1960 Total	176,685	3,824	84,371	NA	NA	88,195	1,725	NA	2	NA	NA
1965 Total	244,788	4,928	110,274	NA	NA	115,203	2,321	NA	3	NA	NA
1970 Total	320,182	24,123	311,381	NA	636	338,686	3,932	NA	1	2	NA
1975 Total	405,962	38,907	467,221	NA	70	506,479	3,158	NA	(s)	2	NA
1980 Total	569,274	29,051	391,163	NA	179	421,110	3,682	NA	3	2	NA
1985 Total	693,841	14,635	158,779	NA	231	174,571	3,044	NA	8	7	NA
1990 Total ^k	782,567	16,567	184,915	26	1,008	206,550	3,245	11	129	188	(s)
1995 Total	850,230	18,553	90,023	499	2,674	122,447	4,237	24	125	296	2
2000 Total	985,821	30,016	138,513	454	3,275	185,358	5,206	25	134	318	1
2001 Total	964,433	29,274	159,504	377	3,427	206,291	5,342	15	126	211	113
2002 Total	977,507	21,876	104,773	1,267	5,816	156,996	5,672	33	150	230	143
2003 Total	1,005,116	27,632	138,279	2,026	5,799	196,932	5,135	41	167	230	140
2004 Total	1,016,268	19,107	139,816	2,713	7,372	198,498	5,464	58	165	223	138
2005 Total	1,037,485	19,675	139,409	2,685	8,083	202,184	5,869	84	185	221	123
2006 Total	1,026,636	12,646	57,345	1,870	7,101	107,365	6,222	65	182	231	125
2007 Total	1,045,141	15,327	63,086	2,594	5,685	109,431	6,841	61	186	237	124
2008 Total	1,040,580	12,547	38,241	2,670	5,119	79,056	6,668	61	177	258	131
2009 Total	933,627	12,035	28,782	2,210	4,611	66,081	6,873	55	180	261	124
2010 Total	975,052	13,790	24,503	1,877	4,777	64,055	7,387	52	196	264	124
2011 Total	932,484	11,021	14,803	1,658	4,837	51,667	7,574	50	182	255	143
2012 Total	823,551	9,080	12,203	1,339	2,974	37,495	9,111	54	190	262	143
2013 Total	857,962	9,598	12,283	1,489	4,285	44,794	8,191	60	207	262	139
2014 Total	851,602	14,235	15,132	2,208	4,132	52,235	8,146	44	251	279	137
2015 Total	738,444	12,193	14,929	2,131	3,907	48,787	9,613	44	244	281	136
2016 January	62,135	1,240	1,058	149	329	4,093	774	4	21	23	12
February	50,661	910	1,143	176	321	3,832	690	3	20	22	11
March	39,948	691	680	111	357	3,265	745	4	19	24	11
April	39,159	631	688	75	376	3,272	719	3	15	24	11
May	45,082	796	757	65	354	3,391	804	3	16	24	12
June	63,250	697	866	94	368	3,499	970	4	18	23	12
July	74,237	797	1,345	97	389	4,186	1,140	4	20	24	12
August	73,890	754	1,277	169	408	4,241	1,151	4	21	24	12
September	62,385	627	859	100	370	3,436	915	4	19	22	11
October	54,621	623	932	45	244	2,818	744	3	16	22	11
November	48,179	813	735	92	295	3,116	662	4	18	24	11
December	65,006	930	901	151	326	3,614	671	4	21	25	12
Total	678,554	9,510	11,242	1,322	4,138	42,763	9,985	45	224	281	139
2017 January	63,548	939	864	160	351	3,718	647	4	21	24	11
February	47,965	719	741	84	259	2,842	559	4	19	22	10
March	48,826	798	745	91	265	2,961	679	4	22	24	11
April	44,324	662	731	93	149	2,234	624	4	18	21	10
May	50,926	783	846	88	313	3,280	706	4	20	22	11
June	58,952	658	914	134	332	3,366	854	4	21	23	11
July	69,900	668	818	332	320	3,421	1,074	4	22	23	12
August	65,934	639	932	111	275	3,057	1,034	4	22	23	12
September	54,780	734	831	122	256	2,968	862	4	19	21	10
October	50,214	749	857	93	216	2,778	780	4	21	22	10
November	50,992	727	738	124	258	2,877	663	4	20	22	10
December	58,388	1,440	1,428	189	277	4,444	768	4	21	23	11
Total	664,749	9,519	10,446	1,621	3,272	37,947	9,250	48	247	272	130
2018 January	64,650	5,171	3,228	621	343	10,734	795	4	22	24	11
February	45,823	571	672	91	272	2,692	670	4	19	22	11
March	44,496	619	661	98	223	2,492	743	4	20	24	11
April	40,652	686	713	82	219	2,576	708	4	16	22	11
May	47,590	820	811	110	170	2,592	851	4	19	22	11
June	56,144	796	893	98	294	3,255	955	4	20	23	12
6-Month Total	299,354	8,664	6,978	1,101	1,520	24,342	4,721	24	117	138	67
2017 6-Month Total	314,540	4,561	4,841	650	1,670	18,402	4,069	23	120	136	65
2016 6-Month Total	300,236	4,966	5,193	669	2,105	21,351	4,702	22	110	140	69

^a Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and coal synfuel.

^b Fuel oil nos. 1, 2, and 4. For 1949–1979, data are for gas turbine and internal combustion plant use of petroleum. For 1980–2000, electric utility data also include small amounts of kerosene and jet fuel.

^c Fuel oil nos. 5 and 6. For 1949–1979, data are for steam plant use of petroleum. For 1980–2000, electric utility data also include a small amount of fuel oil no. 4.

^d Jet fuel, kerosene, other petroleum liquids, waste oil, and, beginning in 2011, propane.

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

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

^g Blast furnace gas, and other manufactured and waste gases derived from fossil fuels. Through 2010, also includes propane gas.

^h Wood and wood-derived fuels.

ⁱ 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).

^j 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).

^k 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: • Data are for utility-scale facilities. See Note 1, "Coverage of Electricity Statistics," at end of section. • 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/#electricity> (Excel and CSV files) for all available annual data beginning in 1949 and monthly data beginning in 1973.

Sources: See end of section.