

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 Fossil Gases ^g	Biomass		Other ^j
		Distillate Fuel Oil ^b	Residual Fuel Oil ^c	Other Liquids ^d	Petroleum Coke ^e	Total ^e			Wood ^h	Waste ⁱ	
	Thousand Short Tons	Thousand Barrels			Thousand Short Tons	Thousand Barrels			Billion Cubic Feet	Trillion Btu	
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
2005 Total	1,037,485	19,675	139,409	2,685	8,083	202,184	5,869	84	185	221	123
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 Total	678,554	9,510	11,242	1,322	4,138	42,763	9,985	45	224	281	139
2017 Total	664,993	9,481	10,464	1,375	3,399	38,318	9,266	46	229	280	132
2018 Total	637,217	13,967	12,446	1,855	3,549	46,013	10,599	47	221	275	136
2019 Total	538,606	9,336	9,352	1,750	2,655	33,712	11,299	47	201	248	145
2020 Total	435,827	7,673	8,382	1,543	3,057	32,885	11,632	40	185	242	144
2021 Total	501,435	10,359	9,115	1,835	3,075	36,686	11,229	40	197	229	134
2022 Total	472,834	14,463	12,031	1,864	2,965	43,181	12,092	39	198	176	81
2023 Total	387,205	9,165	10,202	1,647	2,045	31,241	12,941	40	174	168	80
2024 January	42,463	1,547	1,038	173	163	3,574	1,137	3	16	14	7
February	26,017	533	701	118	119	1,947	913	3	14	13	6
March	22,422	574	707	116	89	1,844	919	3	14	14	6
April	21,281	832	690	98	124	2,240	880	3	11	12	6
May	26,198	728	780	74	139	2,278	1,048	2	12	13	6
June	34,447	702	801	99	172	2,462	1,238	3	14	13	6
July	40,471	890	879	120	199	2,884	1,528	3	15	13	6
August	39,397	887	837	106	196	2,809	1,496	3	15	14	6
September	31,502	611	799	67	110	2,027	1,223	3	13	13	6
October	27,308	702	866	83	106	2,180	1,071	3	10	13	6
November	26,336	661	790	84	102	2,047	987	3	12	13	6
December	35,416	1,029	1,030	122	140	2,878	1,037	3	15	13	6
Total	373,258	9,695	9,916	1,260	1,660	29,171	13,476	36	162	158	73
2025 January	45,929	3,112	1,491	233	207	5,874	1,125	4	15	13	6
February	35,224	1,072	870	144	138	2,777	932	4	13	12	6
March	28,022	659	763	99	162	2,332	830	3	14	13	6
April	25,861	686	727	83	132	2,158	830	2	10	12	6
May	27,931	582	720	56	140	2,058	972	2	13	12	6
June	36,563	967	899	124	199	2,983	1,211	3	15	13	6
July	45,140	883	991	113	209	3,029	1,494	3	15	13	7
August	39,722	842	868	118	200	2,827	1,409	2	15	12	7
September	33,409	675	822	89	168	2,426	1,221	2	15	12	6
October	31,008	675	850	100	171	2,480	1,035	3	13	12	6
November	30,977	905	757	115	140	2,476	946	3	13	13	6
December	37,209	1,445	1,689	159	121	3,897	1,047	2	16	13	7
Total	416,995	12,505	11,447	1,431	1,987	35,318	13,054	34	167	151	74
2026 January	39,867	5,462	2,516	626	167	9,438	1,093	3	16	12	6
February	31,224	3,265	1,368	248	151	5,637	947	2	15	12	6
March	25,228	947	780	213	124	2,560	918	2	14	13	6
April	22,570	798	733	115	132	2,307	898	3	10	12	6
May	25,757	1,007	757	131	161	2,699	1,004	2	14	12	6
5-Month Total	144,646	11,480	6,154	1,332	735	22,641	4,860	12	70	61	30
2025 5-Month Total	162,967	6,113	4,572	615	780	15,198	4,690	15	65	63	30
2024 5-Month Total	138,381	4,214	3,915	579	635	11,883	4,896	14	68	66	30

^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.