

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 ^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
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 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	10,590	47	221	275	136
2019 January	55,967	1,181	1,009	297	322	4,096	849	4	19	22	12
February	45,124	729	586	142	271	2,809	779	4	16	19	11
March	44,098	714	618	114	231	2,602	814	5	16	21	12
April	33,429	627	629	122	151	2,132	740	4	14	20	11
May	40,045	812	745	117	289	3,117	836	4	16	21	12
June	44,297	790	799	127	210	2,768	991	4	16	20	12
July	55,932	745	902	132	295	3,255	1,255	4	19	21	13
August	52,431	730	967	133	270	3,179	1,278	4	19	21	13
September	47,249	693	799	139	226	2,760	1,081	4	17	20	12
October	37,523	714	804	157	70	2,027	937	3	15	21	12
November	41,977	754	725	109	126	2,218	819	4	16	20	12
December	40,534	849	769	160	194	2,749	912	4	18	22	13
Total	538,606	9,336	9,352	1,750	2,655	33,712	11,288	47	201	248	145
2020 January	36,808	835	763	137	256	3,016	931	4	17	21	12
February	32,067	679	616	115	188	2,350	879	4	16	20	11
March	28,979	574	587	175	258	2,628	879	4	15	21	12
April	23,624	492	551	122	222	2,277	764	3	13	20	12
May	26,870	575	593	85	229	2,399	834	3	15	20	12
June	36,746	726	705	108	301	3,045	1,046	2	15	18	11
July	49,930	782	809	120	309	3,256	1,372	2	16	20	12
August	50,590	720	806	120	289	3,088	1,280	4	19	20	12
September	38,788	535	741	104	156	2,162	1,038	3	13	19	11
October	33,997	692	799	128	128	2,260	954	3	14	19	11
November	34,473	632	689	106	207	2,461	767	4	15	19	11
December	43,653	755	737	111	275	2,978	873	4	17	21	12
Total	436,524	7,999	8,396	1,430	2,819	31,921	11,616	40	185	238	142
2021 January	45,498	638	856	117	268	2,950	866	4	16	20	12
February	48,101	1,881	834	320	269	4,379	788	2	16	18	11
March	34,551	627	657	91	252	2,633	744	3	17	20	12
April	30,104	636	611	99	149	2,089	754	3	13	19	11
May	35,622	666	659	64	195	2,363	816	3	15	19	11
June	48,053	653	722	121	190	2,447	1,082	3	17	19	11
6-Month Total	241,928	5,101	4,340	812	1,322	16,862	5,050	18	94	116	66
2020 6-Month Total	185,093	3,882	3,815	742	1,455	15,716	5,332	20	92	121	70
2019 6-Month Total	262,960	4,852	4,385	920	1,473	17,524	5,008	24	98	123	71

^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.