

Table 7.3b Consumption of Combustible Fuels for Electricity Generation: Electric Power Sector (Subset of Table 7.3a)

	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	781,301	16,394	183,285	25	1,008	204,745	3,147	6	106	180	(s)
1995 Total	847,854	18,066	88,895	441	2,452	119,663	4,094	18	106	282	2
2000 Total	982,713	29,722	138,047	403	3,155	183,946	5,014	19	126	294	1
2001 Total	961,523	29,056	159,150	374	3,308	205,119	5,142	9	116	205	109
2002 Total	975,251	21,810	104,577	1,243	5,705	156,154	5,408	25	141	224	137
2003 Total	1,003,036	27,441	137,361	1,937	5,719	195,336	4,909	30	156	216	136
2004 Total	1,012,459	18,793	138,831	2,511	7,135	195,809	5,075	27	150	206	131
2005 Total	1,033,567	19,450	138,337	2,591	7,877	199,760	5,485	24	166	205	116
2006 Total	1,022,802	12,578	56,347	1,783	6,905	105,235	5,891	28	163	216	117
2007 Total	1,041,346	15,135	62,072	2,496	5,523	107,316	6,502	27	165	221	117
2008 Total	1,036,891	12,318	37,222	2,608	5,000	77,149	6,342	23	159	242	122
2009 Total	929,692	11,848	27,768	2,110	4,485	64,151	6,567	21	160	244	115
2010 Total	971,245	13,677	23,560	1,848	4,679	62,477	7,085	20	177	249	116
2011 Total	928,857	10,961	13,861	1,655	4,726	50,105	7,265	18	166	241	133
2012 Total	820,762	9,000	11,292	1,339	2,861	35,937	8,788	19	171	250	132
2013 Total	855,546	9,511	11,322	1,488	4,189	43,265	7,888	41	187	251	130
2014 Total	848,803	14,052	14,132	2,157	4,039	50,537	7,849	29	220	266	127
2015											
January	71,028	1,253	1,685	258	369	5,040	686	3	19	21	10
February	66,799	3,610	4,052	730	388	10,333	625	2	18	19	10
March	57,999	824	778	113	255	2,988	684	2	18	21	10
April	48,230	615	742	96	271	2,811	642	2	16	21	10
May	56,820	818	699	110	320	3,225	712	3	17	22	11
June	68,609	763	807	106	288	3,115	863	2	18	22	11
July	76,179	715	1,077	142	392	3,894	1,019	2	20	25	12
August	73,431	682	947	112	369	3,589	1,001	3	20	24	11
September	64,452	624	822	162	355	3,383	870	3	17	22	11
October	53,331	616	749	123	284	2,907	768	2	15	23	11
November	48,636	787	829	57	240	2,872	709	2	17	23	11
December	49,919	749	706	76	258	2,821	744	3	19	24	11
Total	735,433	12,056	13,893	2,086	3,789	46,978	9,322	29	215	268	127
2016											
January	61,716	1,162	962	146	319	3,863	744	3	18	23	11
February	50,256	811	1,076	163	311	3,605	662	3	18	21	10
March	39,538	643	583	103	346	3,060	717	3	17	21	10
April	38,725	596	599	82	369	3,123	698	2	13	23	11
May	44,767	777	649	72	348	3,239	781	2	14	23	11
June	63,007	674	762	88	360	3,326	946	3	17	23	11
July	73,902	786	1,244	108	381	4,043	1,116	3	18	23	11
August	73,526	763	1,185	179	399	4,123	1,127	3	19	24	11
September	62,149	610	774	97	361	3,287	891	3	17	22	10
October	54,376	598	836	58	233	2,658	719	2	14	23	10
November	47,898	761	641	101	286	2,934	641	2	14	22	10
December	64,620	876	795	148	317	3,402	645	2	18	24	11
Total	674,481	9,058	10,105	1,346	4,031	40,662	9,688	30	196	272	127
2017											
January	63,226	977	777	149	345	3,629	615	3	16	23	11
February	47,876	756	665	81	253	2,768	529	3	16	21	9
March	48,644	813	685	92	257	2,876	643	3	18	22	10
April	44,222	704	639	94	143	2,150	592	2	15	21	10
May	50,826	799	756	90	306	3,173	676	3	16	22	10
June	58,828	668	815	133	325	3,240	812	3	16	22	11
July	69,861	676	741	346	315	3,335	1,029	3	18	22	11
August	65,763	652	833	111	269	2,942	985	3	18	22	11
8-Month Total	449,345	6,045	5,910	1,095	2,213	24,114	5,882	22	133	174	82
2016 8-Month Total	445,437	6,213	7,059	942	2,834	28,381	6,792	21	134	182	85
2015 8-Month Total	519,094	9,280	10,788	1,668	2,652	34,995	6,231	20	147	175	84

^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. • Data are for fuels consumed to produce electricity. Data also include fuels consumed to produce useful thermal output at a small number of electric utility combined-heat-and-power (CHP) plants. • 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.