

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		
		Distillate Fuel Oil ^b	Residual Fuel Oil ^c	Other Liquids ^d	Petroleum Coke ^e	Total ^e			Wood ^h	Waste ⁱ	Other ^j
		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	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 Total	735,433	12,056	13,893	2,086	3,789	46,978	9,322	29	215	268	127
2016 January	61,714	1,232	1,032	148	318	4,001	738	2	17	22	11
February	50,255	895	1,115	162	310	3,722	657	1	17	21	10
March	39,599	682	665	103	345	3,176	711	2	16	21	10
April	38,852	627	674	74	368	3,216	690	2	13	22	10
May	44,777	790	743	65	348	3,336	772	2	13	22	11
June	62,912	691	855	93	360	3,437	937	2	16	22	11
July	73,840	792	1,337	96	380	4,124	1,104	2	17	22	11
August	73,508	749	1,265	168	398	4,172	1,114	2	19	23	11
September	62,072	622	848	99	360	3,368	883	2	17	21	10
October	54,293	617	917	44	232	2,738	714	1	14	20	10
November	47,848	807	723	90	285	3,047	632	2	15	22	10
December	64,570	917	881	142	315	3,517	638	2	17	23	11
Total	674,239	9,421	11,056	1,284	4,018	41,853	9,590	20	191	261	126
2017 January	63,179	907	832	131	352	3,629	629	2	17	24	11
February	47,731	693	714	81	262	2,797	542	2	16	21	9
March	48,581	789	726	89	245	2,830	642	2	18	22	10
April	44,059	637	707	90	152	2,192	600	2	14	21	9
May	50,667	784	802	77	313	3,227	673	2	14	22	10
June	58,625	686	899	131	330	3,366	823	2	16	22	10
July	69,531	663	804	76	322	3,151	1,051	2	17	22	11
August	65,528	627	922	107	278	3,047	991	2	18	22	11
September	54,487	665	812	94	260	2,870	831	2	15	21	10
October	49,781	709	833	81	210	2,675	744	2	15	21	10
November	50,652	729	691	112	274	2,904	638	2	16	21	10
December	58,212	1,509	1,557	265	275	4,707	754	2	18	22	11
Total	661,033	9,398	10,299	1,332	3,273	37,394	8,917	21	195	262	121
2018 January	64,230	5,069	3,237	594	334	10,569	752	2	18	23	10
February	45,404	557	664	89	264	2,631	671	2	15	22	10
March	44,138	606	654	96	233	2,518	724	2	16	23	10
April	40,337	686	706	84	231	2,630	679	2	12	22	10
May	47,234	809	801	108	148	2,459	824	2	16	22	10
June	55,805	785	883	96	293	3,231	922	2	17	23	11
July	63,569	657	855	92	325	3,230	1,199	2	17	22	11
August	63,479	685	866	131	312	3,240	1,166	2	16	22	11
September	53,725	605	981	133	299	3,211	1,013	2	14	20	10
9-Month Total	477,921	10,459	9,647	1,422	2,438	33,718	7,951	17	141	199	93
2017 9-Month Total	502,388	6,452	7,218	874	2,513	27,109	6,781	16	145	198	91
2016 9-Month Total	507,529	7,080	8,534	1,007	3,186	32,552	7,606	16	145	196	94

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

^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.