

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	
		Thousand Short Tons	Thousand Barrels			Thousand Short Tons			Thousand Barrels	Billion Cubic Feet	
1973 Total	389,212	47,058	513,190	NA	507	562,781	3,660	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
1996 Total	894,400	18,472	98,795	567	2,467	130,168	3,660	16	117	280	2
1997 Total	919,009	18,646	112,423	130	3,201	147,202	3,903	14	117	292	1
1998 Total	934,126	23,166	165,875	411	3,999	209,447	4,416	23	125	287	2
1999 Total	937,888	23,875	151,921	514	3,607	194,345	4,644	14	125	290	1
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 January	91,344	1,391	5,545	189	546	9,853	421	2	18	18	10
February	83,698	2,431	9,420	398	431	14,405	399	2	13	16	9
March	81,459	1,212	5,111	271	435	8,769	389	2	13	18	10
April	75,471	934	4,847	185	424	8,087	427	2	12	17	9
May	80,840	993	4,329	179	461	7,804	481	2	12	18	10
June	89,381	1,203	5,444	170	532	9,475	600	2	14	19	10
July	96,243	1,170	5,450	158	473	9,142	729	2	14	19	10
August	98,751	1,678	7,475	218	493	11,835	935	2	14	19	10
September	87,625	950	4,737	189	453	8,138	654	2	14	19	10
October	83,515	1,099	4,460	191	407	7,783	576	2	13	19	10
November	82,082	919	2,078	161	385	5,081	422	2	14	19	9
December	90,937	1,155	3,175	189	485	6,942	468	2	14	20	10
Total	1,041,346	15,135	62,072	2,496	5,523	107,316	6,502	27	165	221	117
2008 January	93,718	1,647	3,127	260	481	7,437	499	2	14	19	10
February	85,872	1,160	2,523	190	439	6,069	406	2	13	16	8
March	82,683	838	2,180	167	387	5,120	430	2	14	21	11
April	76,655	838	2,496	145	393	5,447	438	2	12	19	10
May	81,064	840	2,677	146	380	5,564	446	2	12	19	10
June	89,268	1,354	4,651	200	463	8,522	633	2	13	19	10
July	97,673	986	3,758	135	408	6,917	750	2	14	19	10
August	95,189	810	3,134	137	440	6,279	732	2	15	20	10
September	85,367	854	3,823	171	406	6,882	576	1	13	18	10
October	80,120	684	2,212	114	438	5,201	518	1	12	18	9
November	80,835	740	2,466	138	385	5,270	432	1	13	18	9
December	89,294	1,229	3,558	210	385	6,920	448	1	14	20	10
Total	1,037,738	11,981	36,606	2,013	5,005	75,626	6,309	21	160	226	118
2009 January	90,551	1,809	5,746	331	394	9,859	453	1	14	17	9
February	74,182	1,049	2,255	199	362	5,312	424	1	12	16	8
March	71,830	1,183	1,932	205	461	5,625	473	2	12	19	10
April	66,951	746	1,605	150	402	4,512	430	2	11	18	9
May	70,400	1,006	2,149	179	405	5,359	493	2	11	19	10
June	78,753	940	2,318	125	404	5,405	621	2	13	19	10
July	84,160	885	2,497	133	415	5,588	748	2	14	19	10
7-Month Total	536,828	7,618	18,500	1,323	2,844	41,659	3,641	11	87	128	67
2008 7-Month Total	606,933	7,664	21,413	1,243	2,951	45,075	3,602	14	93	133	69
2007 7-Month Total	598,436	9,335	40,147	1,549	3,301	67,536	3,447	16	96	126	67

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

^b Fuel oil nos. 1, 2, and 4. For 1973-1979, 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 1973-1979, 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, and waste oil.

^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, propane gas, and other manufactured and waste gases derived from fossil fuels.

^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 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.doe.gov/emeu/mer/elect.html> for all available data beginning in 1973.

Sources: See end of section.