

**Table CT8. Electric power sector consumption estimates, selected years, 1960-2022, United States**

Year	Coal Million short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum				Nuclear electric power	Hydroelectric power <sup>d</sup>	Biomass		Geothermal <sup>f</sup>	Solar <sup>f,g</sup>	Wind <sup>f</sup>	Electricity net imports <sup>h</sup>	Total <sup>i,j</sup>
			Distillate fuel oil <sup>b</sup>	Petroleum coke	Residual fuel oil <sup>c</sup>	Total			Wood and waste <sup>e,f</sup>	Total <sup>f,i</sup>					
1960	177	1,725	4	0	84	88	1	146	--	(s)	NA	NA	5	--	
1965	245	2,321	5	0	110	115	4	194	--	(s)	NA	NA	(s)	--	
1970	320	3,932	24	3	311	339	22	248	--	1	NA	NA	2	--	
1975	406	3,158	39	(s)	467	506	173	300	--	3	NA	NA	6	--	
1980	569	3,682	29	1	391	421	251	276	--	5	NA	NA	21	--	
1985	694	3,044	15	1	159	175	384	281	--	9	(s)	(s)	41	--	
1990	783	3,245	17	5	185	207	577	290	--	15	(s)	3	2	--	
1995	850	4,237	19	13	90	122	673	305	--	13	(s)	3	39	--	
2000	986	5,206	30	16	139	185	754	271	--	14	(s)	6	34	--	
2005	1,037	5,869	20	40	139	199	782	267	--	15	1	18	25	--	
2006	1,027	6,222	13	36	57	105	787	286	--	15	1	27	18	--	
2007	1,045	6,841	15	28	63	107	806	246	--	15	1	34	31	--	
2008	1,040	6,668	13	26	38	76	806	253	--	15	1	55	33	--	
2009	934	6,873	12	23	29	64	799	272	--	15	1	74	34	--	
2010	975	7,387	14	24	25	62	807	258	--	15	1	95	26	--	
2011	932	7,574	11	24	15	50	790	318	--	15	2	120	37	--	
2012	824	9,111	9	15	12	36	769	274	--	16	4	141	47	--	
2013	858	8,191	10	21	12	43	789	265	--	16	9	168	58	--	
2014	852	8,146	14	21	15	50	797	258	--	16	17	181	53	--	
2015	738	9,613	12	20	15	47	797	248	--	16	24	191	66	--	
2016	679	9,985	10	21	11	41	806	266	--	16	35	227	67	--	
2017	665	9,266	9	17	10	37	805	299	--	16	53	254	56	--	
2018	637	10,599	14	18	12	44	807	291	--	16	63	272	44	--	
2019	539	11,299	9	13	9	32	809	287	--	15	71	296	39	--	
2020	436	11,632	8	15	8	31	790	284	--	16	89	338	47	--	
2021	501	R 11,229	10	15	9	35	R 780	250	--	16	115	378	39	--	
2022	473	12,092	14	15	12	41	772	254	--	16	143	434	41	--	
<b>Trillion Btu</b>															
1960	4,227	1,785	22	0	530	553	6	R 498	2	(s)	NA	NA	15	R 7,085	
1965	5,821	2,408	29	0	693	722	43	R 661	3	R 1	NA	NA	(s)	R 9,659	
1970	7,228	4,048	141	19	1,958	2,117	239	R 845	4	R 11	NA	NA	7	R 14,490	
1975	8,789	3,232	226	2	2,937	3,166	1,900	R 1,024	2	R 2	NA	NA	21	R 18,144	
1980	12,158	3,804	169	5	2,459	2,634	2,739	R 942	4	R 17	NA	NA	71	R 22,363	
1985	14,586	3,157	85	7	998	1,090	4,076	R 959	14	R 32	(s)	(s)	140	R 24,050	
1990	16,259	3,333	97	30	1,163	1,289	6,104	R 989	317	R 53	R 1	R 10	8	R 28,355	
1995	17,465	4,327	108	81	566	755	7,075	R 1,042	422	R 46	R 2	R 11	134	R 31,270	
2000	20,220	5,318	175	99	871	1,144	7,862	R 926	453	R 48	R 2	R 19	115	R 36,100	
2005	20,735	6,036	114	231	876	1,222	8,161	R 911	401	R 50	R 2	R 61	85	R 37,658	
2006	20,460	6,394	73	203	361	637	8,215	R 977	408	R 50	R 2	R 91	63	R 37,290	
2007	20,805	7,028	89	163	397	648	8,459	R 839	419	R 50	R 2	R 118	107	R 38,468	
2008	20,511	6,849	73	146	240	459	8,426	R 864	431	R 51	R 3	R 189	112	R 37,891	
2009	18,224	7,044	70	132	181	382	8,355	R 926	438	R 51	R 3	R 252	116	R 35,788	
2010	19,133	7,550	80	137	154	370	8,434	R 882	459	R 52	R 4	R 323	89	R 37,293	
2011	18,035	7,734	64	138	93	295	8,269	R 1,083	437	R 52	R 6	R 410	127	R 36,444	
2012	15,821	9,313	52	85	77	214	8,062	R 934	453	R 53	R 14	R 480	161	R 35,500	
2013	16,450	8,398	55	123	77	255	8,244	R 904	470	R 54	R 30	R 572	197	R 35,571	
2014	16,427	8,385	82	118	95	295	8,338	R 880	530	R 54	R 59	R 619	182	R 35,765	
2015	14,138	9,945	70	112	94	276	8,337	R 845	525	R 54	R 83	R 650	227	R 35,075	
2016	12,997	10,325	55	118	71	244	8,427	R 909	505	R 54	R 121	R 774	227	R 34,575	
2017	12,622	9,578	55	97	66	218	8,419	R 1,019	510	R 54	R 180	R 867	192	R 33,651	
2018	12,053	10,952	80	101	78	260	8,438	R 993	496	R 54	R 216	R 929	152	R 34,534	
2019	10,181	11,687	54	76	59	188	8,452	R 978	448	R 53	R 243	R 1,009	133	R 33,363	
2020	8,229	12,023	44	87	53	184	8,251	R 969	428	R 54	R 302	R 1,152	161	R 31,743	
2021	R 9,498	R 11,612	60	88	57	205	R 8,131	R 854	426	R 55	R 391	R 1,289	134	R 32,583	
2022	8,886	12,492	83	85	76	244	8,046	865	374	55	487	141	141	33,057	

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.  
<sup>c</sup> Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.  
<sup>d</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.  
<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
<sup>g</sup> Solar thermal and photovoltaic energy.  
<sup>h</sup> Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.  
<sup>i</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in the total.  
-- = Not applicable. NA = Not available.  
Where shown, R = Revised data and (s) = Value less than +0.5 and greater than -0.5.  
Notes: · Totals may not equal sum of components due to independent rounding. · The electric power sector consists of 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. · Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. · The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.  
Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.  
Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>