

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2021, United States

Year	Coal Million Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum				Nuclear Electric Power	Hydroelectric Power ^d	Biomass		Geothermal ^f	Solar ^{f,g}	Wind ^f	Electricity Net Imports ^h	Total ^{i,j}
			Distillate Fuel Oil ^b	Petroleum Coke	Residual Fuel Oil ^c	Total			Wood and Waste ^{e,f}	Billion Kilowatthours					
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	R 10,599	14	18	12	44	807	291	--	16	63	272	44	--	
2019	539	R 11,299	9	13	9	32	809	287	--	15	71	296	39	--	
2020	436	R 11,632	8	15	8	31	790	284	--	R 16	89	R 338	47	--	
2021	501	11,230	10	15	9	35	778	250	--	16	115	378	39	--	

Trillion Btu														
1960	4,227	1,785	22	0	530	553	6	1,569	2	(s)	NA	NA	15	8,157
1965	5,821	2,408	29	0	693	722	43	2,026	3	2	NA	NA	(s)	11,026
1970	7,228	4,048	141	19	1,958	2,117	239	2,600	4	6	NA	NA	7	16,248
1975	8,789	3,232	226	2	2,937	3,166	1,900	3,122	2	34	NA	NA	21	20,266
1980	12,158	3,804	169	5	2,459	2,634	2,739	2,867	4	53	NA	NA	71	24,324
1985	14,586	3,157	85	7	998	1,090	4,076	2,937	14	97	(s)	(s)	140	26,094
1990	16,259	3,333	97	30	1,163	1,289	6,104	3,014	317	161	4	29	8	30,510
1995	17,465	4,327	108	81	566	755	7,075	3,149	422	138	5	33	134	33,495
2000	20,220	5,318	175	99	871	1,144	7,862	2,768	453	144	5	57	115	38,079
2005	20,735	6,036	114	231	876	1,222	8,161	2,670	401	147	6	178	85	39,635
2006	20,460	6,394	73	203	361	637	8,215	2,839	408	145	5	264	63	39,423
2007	20,805	7,028	89	163	397	648	8,459	2,430	419	145	6	341	107	40,381
2008	20,511	6,849	73	146	240	459	8,426	2,494	431	146	9	546	112	39,979
2009	18,224	7,044	70	132	181	382	8,355	2,650	438	146	9	721	116	38,081
2010	19,133	7,550	80	137	154	370	8,434	2,521	459	148	12	923	89	39,637
2011	18,035	7,734	64	138	93	295	8,269	3,085	437	149	17	1,167	127	39,311
2012	15,821	9,313	52	85	77	214	8,062	2,606	453	148	40	1,339	161	38,152
2013	16,450	8,398	55	123	77	255	8,244	2,529	470	151	83	1,600	197	38,374
2014	16,427	8,385	82	118	95	295	8,338	2,454	530	151	165	1,726	182	R 38,647
2015	14,138	9,945	70	112	94	276	8,337	R 2,306	525	148	228	R 1,775	227	R 37,899
2016	12,997	10,325	55	118	71	244	8,427	R 2,458	505	146	328	R 2,093	227	R 37,741
2017	12,622	9,578	55	97	66	218	8,419	R 2,751	510	147	R 485	R 2,340	192	R 37,253
2018	12,053	R 10,952	80	101	78	260	8,438	R 2,649	496	145	R 575	R 2,478	152	R 38,188
2019	10,181	R 11,687	54	76	59	188	8,452	R 2,551	448	R 138	R 634	R 2,631	133	R 37,034
2020	8,229	R 12,023	44	87	53	184	R 8,251	R 2,490	428	R 139	R 776	R 2,960	161	R 35,631
2021	9,496	11,614	60	88	57	205	8,129	2,214	426	141	1,013	3,342	134	36,704

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b 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.
^c 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.
^d Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.
^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.
^g Solar thermal and photovoltaic energy.
^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

ⁱ 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/>