Table CT8. Electric power sector consumption estimates, selected years, 1960-2022, Tennessee

Year	Coal	Natural gas [a]	Petroleum				Nuclear electric power	Hydroelectric power [d]	Biomass	Geothermal [f]	Solar [f,g]	Wind [f]	Electricity net imports [h]	Total [f,i]
			Distillate fuel oil [b]	Petroleum coke	Residual fuel oil [c]	Total			Wood and waste [e,f]					
	Thousand short tons	Billion cubic feet	Thousand barrels				Million kilowatthours			Million kilowatthours				
1960	12,138	7	(s)	0	0	(s)	0	8,676	– –	0	NA	NA	0	– –
1965	10,637	16	0	0	0	0	0	8,750	– –	0	NA	NA	0	– –
1970	14,727	17	0	0	0	0	0	8,067	– –	0	NA	NA	0	– –
1975	18,848	0	1,310	0	0	1,310	0	11,806	– –	0	NA	NA	0	– –
1980	21,679	1	406	0	0	406	519	8,764	– –	0	NA	NA	0	– –
1985	20,853	0	237	0	0	237	9,672	6,539	– –	0	0	0	0	– –
1990	20,814	1	232	0	0	232	14,003	10,015	– –	0	0	0	0	– –
1995	23,477	2	455	0	0	455	15,708	8,802	– –	0	0	0	0	– –
2000	25,401	5	1,059	0	0	1,059	25,825	5,876	– –	0	0	0	0	– –
2005	26,119	6	400	0	0	400	27,803	8,538	– –	0	0	3	0	– –
2006	27,216	7	260	0	0	260	24,679	7,167	– –	0	0	55	0	– –
2007	27,348	7	278	0	0	278	28,700	4,940	– –	0	0	50	0	– –
2008	26,632	4	390	0	0	390	27,030	5,646	– –	0	0	50	0	– –
2009	19,462	4	348	0	0	348	26,962	10,212	– –	0	0	52	0	– –
2010	20,622	22	397	0	0	397	27,739	8,138	– –	0	0	41	0	– –
2011	19,967	26	372	0	0	372	26,919	9,576	– –	0	0	53	0	– –
2012	17,466	63	295	0	0	295	25,102	7,673	– –	0	10	47	0	– –
2013	16,686	37	251	0	0	251	28,494	11,369	– –	0	18	47	0	– –
2014	17,903	45	355	0	0	355	27,670	8,901	– –	0	25	51	0	– –
2015	14,967	70	265	0	0	265	24,960	9,581	– –	0	73	46	0	– –
2016	15,863	88	236	0	0	236	29,578	6,774	– –	0	75	38	0	– –
2017	14,546	76	244	0	0	244	31,818	8,691	– –	0	88	43	22	– –
2018	10,359	103	226	0	0	226	36,176	10,293	– –	0	157	41	0	– –
2019	9,362	119	270	0	0	270	35,720	10,130	– –	0	315	38	0	– –
2020	6,869	105	210	0	0	210	36,688	13,452	– –	0	314	39	0	– –
2021	8,915	99	254	0	0	254	35,330	10,871	– –	0	328	28	0	– –
2022	8,371	123	362	0	0	362	35,635	9,198	– –	0	666	15	0	– –
							Trillion Btu							
1960	291.8	7.5	(s)	0.0	0.0	(s)	0.0	R 29.6	0.0	0.0	NA	NA	0.0	R 328.9
1965	250.9	17.0	0.0	0.0	0.0	0.0	0.0	R 29.9	0.0	0.0	NA	NA	0.0	R 297.8
1970	332.7	17.6	0.0	0.0	0.0	0.0	0.0	R 27.5	0.0	0.0	NA	NA	0.0	R 377.9
1975	414.3	0.0	7.6	0.0	0.0	7.6	0.0	R 40.3	0.0	0.0	NA	NA	0.0	R 462.2
1980	504.1	1.1	2.4	0.0	0.0	2.4	5.7	R 29.9	0.0	0.0	NA	NA	0.0	R 543.2
1985	493.3	0.0	1.4	0.0	0.0	1.4	102.7	R 22.3	0.0	0.0	0.0	0.0	0.0	R 619.7
1990	498.4	0.6	1.4	0.0	0.0	1.4	148.2	R 34.2	0.0	0.0	0.0	0.0	0.0	R 682.6
1995	570.4	2.1	2.6	0.0	0.0	2.6	165.0	R 30.0	0.2	0.0	0.0	0.0	0.0	R 770.5
2000	614.8	5.4	6.2	0.0	0.0	6.2	269.3	R 20.0	0.4	0.0	0.0	0.0	0.0	R 916.1
2005	575.3	5.8	2.3	0.0	0.0	2.3	290.2	R 29.1	0.3	0.0	0.0	(s)	0.0	R 903.0
2006	597.9	6.9	1.5	0.0	0.0	1.5	257.5	R 24.5	0.3	0.0	0.0	R 0.2	0.0	R 888.8
2007	593.4	7.5	1.6	0.0	0.0	1.6	301.0	R 16.9	0.2	0.0	0.0	R 0.2	0.0	R 920.8
2008	564.8	4.5	2.3	0.0	0.0	2.3	282.5	R 19.3	0.3	0.0	0.0	R 0.2	0.0	R 873.9
2009	409.3	3.8	2.0	0.0	0.0	2.0	282.0	R 34.8	0.3	0.0	0.0	R 0.2	0.0	R 732.5
2010	443.8	22.6	2.3	0.0	0.0	2.3	289.9	R 27.8	0.3	0.0	0.0	R 0.1	0.0	R 786.8
2011	412.4	26.5	2.1	0.0	0.0	2.1	281.7	R 32.7	0.4	0.0	0.0	R 0.2	0.0	R 755.9
2012	357.6	63.6	1.7	0.0	0.0	1.7	263.0	R 26.2	0.6	0.0	R (s)	R 0.2	0.0	R 712.9
2013	333.6	37.3	1.4	0.0	0.0	1.4	297.7	R 38.8	0.8	0.0	R 0.1	R 0.2	0.0	R 709.9
2014	365.5	46.0	2.0	0.0	0.0	2.0	289.4	R 30.4	0.9	0.0	R 0.1	R 0.2	0.0	R 734.5
2015	314.6	70.2	1.5	0.0	0.0	1.5	261.0	R 32.7	0.9	0.0	R 0.3	R 0.2	0.0	R 681.3
2016	329.3	88.3	1.4	0.0	0.0	1.4	309.4	R 23.1	0.9	0.0	R 0.3	R 0.1	0.0	R 752.6
2017	295.2	75.8	1.4	0.0	0.0	1.4	332.8	R 29.7	0.9	0.0	R 0.3	R 0.1	0.1	R 736.3
2018	215.0	103.1	1.3	0.0	0.0	1.3	378.2	R 35.1	0.9	0.0	R 0.5	R 0.1	0.0	R 734.3
2019	184.5	118.7	1.6	0.0	0.0	1.6	373.0	R 34.6	0.9	0.0	R 1.1	R 0.1	0.0	R 714.5
2020	147.0	105.0	1.2	0.0	0.0	1.2	383.2	R 45.9	0.9	0.0	R 1.1	R 0.1	0.0	R 684.4
2021	195.2	98.6	1.5	0.0	0.0	1.5	R 368.5	R 37.1	0.8	0.0	R 1.1	R 0.1	0.0	R 702.8
2022	177.2	123.2	2.1	0.0	0.0	2.1	371.6	31.4	0.8	0.0	2.3	0.1	0.0	708.7

[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) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

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/