

Table CT8. Electric Power Sector Consumption Estimates, Selected Years, 1960-2021, North Carolina

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum				Nuclear Electric Power	Hydroelectric Power ^d	Biomass Wood and Waste ^{e,f}	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								
			Thousand Barrels											
1960	5,488	5	60	0	19	79	0	4,951	--	0	NA	NA	0	--
1965	9,595	3	53	0	16	70	0	5,349	--	0	NA	NA	0	--
1970	17,709	21	1,432	0	445	1,877	0	4,363	--	0	NA	NA	0	--
1975	18,206	(s)	93	0	237	330	1,405	7,050	--	0	NA	NA	0	--
1980	23,920	2	561	0	(s)	561	5,775	5,483	--	0	NA	NA	0	--
1985	19,610	1	443	0	0	443	19,303	4,091	--	0	0	0	0	--
1990	19,444	3	390	0	0	390	25,905	6,792	--	0	0	0	0	--
1995	23,774	6	533	0	0	533	35,910	3,871	--	0	0	0	0	--
2000	29,496	13	1,169	0	0	1,169	39,127	2,192	--	0	0	0	0	--
2005	31,303	27	548	0	0	548	39,982	4,656	--	0	0	0	0	--
2006	30,456	28	473	0	0	473	39,963	3,333	--	0	0	0	0	--
2007	32,412	40	525	0	0	525	40,045	2,975	--	0	0	0	0	--
2008	31,116	36	477	0	0	477	39,776	3,024	--	0	2	0	0	--
2009	26,427	40	484	0	0	484	40,848	5,155	--	0	5	0	0	--
2010	29,455	73	528	0	0	528	40,740	4,743	--	0	11	0	0	--
2011	24,591	90	381	0	0	381	40,527	3,882	--	0	17	0	0	--
2012	20,876	151	342	0	0	342	39,386	3,342	--	0	138	0	0	--
2013	19,170	201	392	0	0	392	40,242	6,005	--	0	297	0	0	--
2014	19,539	206	879	0	0	879	40,967	4,742	--	0	652	0	0	--
2015	15,666	269	791	0	0	791	42,097	4,731	--	0	1,296	0	0	--
2016	14,802	293	477	0	0	477	42,786	4,403	--	0	3,296	6	0	--
2017	13,461	278	472	0	0	472	42,374	3,808	--	0	4,996	471	1	--
2018	12,599	330	1,205	0	0	1,205	42,077	6,592	--	0	5,999	543	1	--
2019	12,352	304	344	0	0	344	41,916	6,172	--	0	7,342	523	0	--
2020	8,575	303	231	0	0	231	42,329	7,942	--	0	8,173	546	0	--
2021	8,451	361	358	0	0	358	43,118	5,799	--	0	10,011	515	0	--

Trillion Btu

1960	144.0	4.8	0.4	0.0	0.1	0.5	0.0	53.3	0.0	0.0	NA	NA	0.0	202.6
1965	247.7	3.0	0.3	0.0	0.1	0.4	0.0	55.9	0.0	0.0	NA	NA	0.0	307.0
1970	427.0	21.6	8.3	0.0	2.8	11.1	0.0	45.8	0.0	0.0	NA	NA	0.0	505.6
1975	433.1	0.1	0.5	0.0	1.5	2.0	15.5	73.4	0.0	0.0	NA	NA	0.0	524.1
1980	586.9	1.8	3.3	0.0	(s)	3.3	63.0	57.0	0.0	0.0	NA	NA	0.0	711.9
1985	489.8	0.6	2.6	0.0	0.0	2.6	205.0	42.7	0.0	0.0	0.0	0.0	0.0	740.7
1990	489.8	2.9	2.3	0.0	0.0	2.3	274.1	70.7	1.8	0.0	0.0	0.0	0.0	841.5
1995	595.7	5.8	3.1	0.0	0.0	3.1	377.3	39.9	6.5	0.0	0.0	0.0	0.0	1,028.3
2000	736.4	13.2	6.8	0.0	0.0	6.8	408.1	22.4	6.7	0.0	0.0	0.0	0.0	1,193.4
2005	771.2	27.4	3.2	0.0	0.0	3.2	417.2	46.6	7.2	0.0	0.0	0.0	0.0	1,272.9
2006	742.8	28.7	2.7	0.0	0.0	2.7	417.0	33.1	8.4	0.0	0.0	0.0	0.0	1,232.8
2007	796.7	40.7	3.0	0.0	0.0	3.0	420.0	29.4	8.5	0.0	0.0	0.0	0.0	1,298.4
2008	760.1	36.4	2.8	0.0	0.0	2.8	415.7	29.8	7.9	0.0	(s)	0.0	0.0	1,252.8
2009	650.4	40.2	2.8	0.0	0.0	2.8	427.2	50.3	11.0	0.0	(s)	0.0	0.0	1,182.0
2010	721.0	73.6	3.1	0.0	0.0	3.1	425.8	46.3	13.4	0.0	0.1	0.0	0.0	1,283.2
2011	600.7	90.2	2.2	0.0	0.0	2.2	424.1	37.7	15.5	0.0	0.2	0.0	0.0	1,170.6
2012	514.2	151.8	2.0	0.0	0.0	2.0	412.7	31.8	18.0	0.0	1.3	0.0	0.0	1,131.8
2013	472.3	203.0	2.3	0.0	0.0	2.3	420.5	57.3	18.1	0.0	2.8	0.0	0.0	1,176.3
2014	481.9	209.1	5.1	0.0	0.0	5.1	428.5	45.1	20.0	0.0	6.2	0.0	0.0	1,195.9
2015	387.3	278.7	4.6	0.0	0.0	4.6	440.2	44.1	16.6	0.0	12.1	0.0	0.0	1,183.6
2016	364.7	303.6	2.7	0.0	0.0	2.7	447.5	R 40.6	17.8	0.0	30.4	0.1	0.0	R 1,207.5
2017	335.1	288.3	2.7	0.0	0.0	2.7	443.2	35.1	20.9	0.0	46.0	4.3	(s)	1,175.7
2018	312.3	339.6	6.9	0.0	0.0	6.9	439.9	60.0	19.3	0.0	54.6	4.9	(s)	R 1,237.6
2019	306.9	313.0	2.0	0.0	0.0	2.0	437.7	R 54.9	20.0	0.0	R 65.3	4.7	0.0	R 1,204.5
2020	213.3	313.4	1.3	0.0	0.0	1.3	R 442.2	R 69.6	17.3	0.0	71.7	4.8	0.0	R 1,133.6
2021	211.2	373.1	2.1	0.0	0.0	2.1	450.4	51.3	12.0	0.0	88.5	4.6	0.0	1,193.2

^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/>