Table CT8. Electric power sector consumption estimates, selected years, 1960-2024, North Dakota

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	1,014	(s)	4	0	15	20	0	1,060	– –	0	NA	NA	0	– –
1965	964	(s)	1	0	2	3	0	2,497	– –	0	NA	NA	-1	– –
1970	3,519	(s)	7	0	25	32	0	2,815	– –	0	NA	NA	293	– –
1975	4,377	(s)	2	0	18	20	0	3,345	– –	0	NA	NA	1,166	– –
1980	11,618	(s)	68	0	0	68	0	2,513	– –	0	NA	NA	2,850	– –
1985	17,354	(s)	74	0	0	74	0	2,173	– –	0	0	(s)	2,645	– –
1990	21,579	(s)	57	0	0	57	0	1,711	– –	0	0	0	20	– –
1995	22,680	(s)	99	0	0	99	0	2,457	– –	0	0	0	731	– –
2000	25,048	0	95	0	0	95	0	2,123	– –	0	0	0	647	– –
2005	25,317	(s)	70	0	0	70	0	1,342	– –	0	0	220	1,702	– –
2006	24,298	(s)	78	0	0	78	0	1,521	– –	0	0	369	756	– –
2007	24,639	(s)	96	0	0	96	0	1,305	– –	0	0	621	1,332	– –
2008	24,893	(s)	81	0	0	81	0	1,253	– –	0	0	1,693	808	– –
2009	24,593	(s)	80	0	0	80	0	1,475	– –	0	0	2,998	740	– –
2010	23,113	(s)	69	0	0	69	0	2,042	– –	0	0	4,096	1,120	– –
2011	22,056	(s)	81	0	0	81	0	2,580	– –	0	0	5,236	1,292	– –
2012	22,795	(s)	64	0	0	64	0	2,477	– –	0	0	5,275	1,341	– –
2013	22,289	(s)	64	0	0	64	0	1,852	– –	0	0	5,519	1,833	– –
2014	22,289	2	52	0	0	52	0	2,531	– –	0	0	6,202	1,711	– –
2015	22,786	7	49	0	0	49	0	2,094	– –	0	0	6,506	1,982	– –
2016	21,807	11	59	0	0	59	0	1,912	– –	0	0	8,172	2,066	– –
2017	22,210	7	69	0	0	69	0	2,582	– –	0	0	11,359	2,135	– –
2018	23,102	10	74	0	0	74	0	3,180	– –	0	0	10,730	1,014	– –
2019	21,329	15	68	0	0	68	0	3,179	– –	0	0	11,213	360	– –
2020	20,480	16	62	0	0	62	0	2,450	– –	0	0	13,633	7,976	– –
2021	20,470	16	68	0	0	68	0	1,989	– –	0	0	14,935	1,131	– –
2022	21,065	14	61	0	0	61	0	1,791	– –	0	0	16,250	4,880	– –
2023	19,161	29	108	0	0	108	0	2,119	– –	0	0	14,477	6	– –
2024	19,851	25	90	0	0	90	0	2,061	– –	0	0	14,763	-433	– –
							Trillion Btu							
1960	14.0	0.1	(s)	0.0	0.1	0.1	0.0	3.6	0.0	0.0	NA	NA	0.0	17.9
1965	13.4	(s)	(s)	0.0	(s)	(s)	0.0	8.5	0.0	0.0	NA	NA	(s)	22.0
1970	48.1	0.4	(s)	0.0	0.2	0.2	0.0	9.6	0.0	0.0	NA	NA	1.0	59.3
1975	58.4	0.2	(s)	0.0	0.1	0.1	0.0	11.4	0.0	0.0	NA	NA	4.0	74.1
1980	153.8	(s)	0.4	0.0	0.0	0.4	0.0	8.6	0.0	0.0	NA	NA	9.7	172.5
1985	228.2	(s)	0.4	0.0	0.0	0.4	0.0	7.4	0.0	0.0	0.0	(s)	9.0	245.1
1990	286.3	(s)	0.3	0.0	0.0	0.3	0.0	5.8	0.0	0.0	0.0	0.0	0.1	292.6
1995	298.6	(s)	0.6	0.0	0.0	0.6	0.0	8.4	0.0	0.0	0.0	0.0	2.5	310.1
2000	327.1	0.0	0.6	0.0	0.0	0.6	0.0	7.2	0.0	0.0	0.0	0.0	2.2	337.1
2005	334.1	(s)	0.4	0.0	0.0	0.4	0.0	4.6	0.0	0.0	0.0	0.8	5.8	345.6
2006	317.6	(s)	0.5	0.0	0.0	0.5	0.0	5.2	0.0	0.0	0.0	1.3	2.6	327.1
2007	324.5	(s)	0.6	0.0	0.0	0.6	0.0	4.5	0.0	0.0	0.0	2.1	4.5	336.2
2008	331.1	(s)	0.5	0.0	0.0	0.5	0.0	4.3	0.0	0.0	0.0	5.8	2.8	344.4
2009	327.7	(s)	0.5	0.0	0.0	0.5	0.0	5.0	0.0	0.0	0.0	10.2	2.5	346.0
2010	312.3	(s)	0.4	0.0	0.0	0.4	0.0	7.0	0.0	0.0	0.0	14.0	3.8	337.5
2011	300.5	(s)	0.5	0.0	0.0	0.5	0.0	8.8	0.0	0.0	0.0	17.9	4.4	332.0
2012	311.0	(s)	0.4	0.0	0.0	0.4	0.0	8.5	0.0	0.0	0.0	18.0	4.6	342.4
2013	303.6	0.4	0.4	0.0	0.0	0.4	0.0	6.3	0.0	0.0	0.0	18.8	6.3	335.7
2014	304.6	2.1	0.3	0.0	0.0	0.3	0.0	8.6	0.0	0.0	0.0	21.2	5.8	342.4
2015	311.2	7.0	0.3	0.0	0.0	0.3	0.0	7.1	0.0	0.0	0.0	22.2	6.8	354.1
2016	299.5	11.8	0.3	0.0	0.0	0.3	0.0	6.5	0.0	0.0	0.0	27.9	7.0	352.3
2017	302.4	7.5	0.4	0.0	0.0	0.4	0.0	8.8	0.0	0.0	0.0	38.8	7.3	364.5
2018	311.2	10.5	0.4	0.0	0.0	0.4	0.0	10.9	0.0	0.0	0.0	36.6	3.5	372.2
2019	287.2	15.8	0.4	0.0	0.0	0.4	0.0	10.8	0.0	0.0	0.0	38.3	1.2	352.7
2020	277.1	16.5	0.4	0.0	0.0	0.4	0.0	8.4	0.0	0.0	0.0	46.5	27.2	374.9
2021	276.9	16.4	0.4	0.0	0.0	0.4	0.0	6.8	0.0	0.0	0.0	51.0	3.9	354.2
2022	283.8	14.4	0.4	0.0	0.0	0.4	0.0	6.1	0.0	0.0	0.0	55.4	16.6	375.9
2023	256.3	30.2	0.6	0.0	0.0	0.6	0.0	7.2	0.0	0.0	0.0	49.4	(s)	342.6
2024	264.2	26.9	0.5	0.0	0.0	0.5	0.0	7.0	0.0	0.0	0.0	50.4	-1.5	346.3

[a] Includes supplemental gaseous fuels that are commingled with natural gas.
[b] Excludes biodiesel. 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. Beginning in 2006, includes small amount of other biomass liquids that are biodiesel. 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. https://www.eia.gov/state/seds/