

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

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum				Nuclear electric power Million kilowatthours	Hydroelectric power ^d Million kilowatthours	Biomass Wood and waste ^{e,f} Million kilowatthours	Geothermal ^f Million kilowatthours	Solar ^{f,g} Million kilowatthours	Wind ^f Million kilowatthours	Electricity net imports ^h Million kilowatthours	Total ^{f,i} Million kilowatthours
			Distillate fuel oil ^b	Petroleum coke	Residual fuel oil ^c	Total								
			Thousand barrels											
1960	5,195	2	5	0	45	50	0	2,061	--	0	NA	NA	0	--
1965	6,697	14	6	0	53	59	0	1,825	--	0	NA	NA	0	--
1970	10,450	31	124	240	1,132	1,497	157	1,597	--	0	NA	NA	0	--
1975	9,716	20	578	37	548	1,163	10,293	1,719	--	0	NA	NA	0	--
1980	13,229	14	499	9	68	576	9,911	1,857	--	0	NA	NA	0	--
1985	15,876	1	251	24	0	274	10,979	2,288	--	0	0	(s)	0	--
1990	18,158	3	114	0	0	114	11,226	1,802	--	0	0	(s)	0	--
1995	21,072	10	194	144	0	337	10,970	2,109	--	0	0	0	0	--
2000	24,072	21	284	192	2	478	11,512	1,754	--	0	0	3	0	--
2005	24,615	59	286	844	0	1,130	9,921	1,530	--	0	0	93	(s)	--
2006	23,702	44	246	1,273	0	1,519	12,234	1,475	--	0	0	101	(s)	--
2007	23,780	54	299	1,360	0	1,660	12,910	1,336	--	0	0	109	(s)	--
2008	24,725	41	164	1,299	0	1,463	12,155	1,453	--	0	0	487	(s)	--
2009	22,199	41	94	972	0	1,066	12,683	1,281	--	0	0	1,052	0	--
2010	23,833	43	86	993	0	1,080	13,281	1,976	--	0	0	1,088	0	--
2011	22,812	48	84	759	0	843	11,560	1,994	--	0	0	1,188	0	--
2012	19,283	87	100	157	0	257	14,300	1,411	--	0	0	1,558	0	--
2013	23,674	61	71	155	0	226	11,675	1,824	--	0	0	1,558	0	--
2014	21,235	60	124	224	0	348	9,447	2,314	--	0	1	1,611	0	--
2015	21,559	101	67	182	0	249	10,008	2,178	--	0	1	1,582	0	--
2016	18,972	120	70	213	0	283	10,151	2,619	--	0	3	1,508	0	--
2017	20,918	107	73	293	0	366	9,649	2,489	--	0	21	1,633	0	--
2018	19,480	129	82	276	0	358	10,129	2,251	--	0	35	1,611	0	--
2019	14,694	148	114	247	0	361	10,030	2,527	--	0	36	1,849	0	--
2020	13,239	160	52	235	0	286	9,771	2,661	--	0	90	1,735	0	--
2021	15,408	150	461	366	0	827	9,970	2,023	--	0	363	1,566	0	--
2022	12,456	174	68	345	0	413	10,077	1,894	--	0	807	1,784	0	--

Trillion Btu

1960	125.8	2.1	(s)	0.0	0.3	0.3	0.0	R 7.0	0.0	0.0	NA	NA	0.0	R 135.2
1965	161.0	14.7	(s)	0.0	0.3	0.4	0.0	R 6.2	(s)	0.0	NA	NA	0.0	R 182.3
1970	234.6	31.2	0.7	1.4	7.1	9.3	1.7	R 5.5	0.1	0.0	NA	NA	0.0	R 282.3
1975	206.3	20.3	3.4	0.2	3.4	7.0	113.4	R 5.9	0.0	0.0	NA	NA	0.0	R 352.8
1980	271.5	13.8	2.9	0.1	0.4	3.4	108.1	R 6.3	0.6	0.0	NA	NA	0.0	R 403.8
1985	310.3	1.3	1.5	0.1	0.0	1.6	116.6	R 7.8	0.9	0.0	0.0	(s)	0.0	R 438.6
1990	347.0	2.7	0.7	0.0	0.0	0.7	118.8	R 6.1	3.4	0.0	0.0	(s)	0.0	R 478.8
1995	391.2	10.1	1.1	0.9	0.0	2.0	115.3	R 7.2	4.9	0.0	0.0	0.0	0.0	R 530.6
2000	454.6	21.5	1.6	1.2	(s)	2.8	120.1	R 6.0	5.2	0.0	0.0	(s)	0.0	R 610.2
2005	475.5	59.2	1.7	4.8	0.0	6.5	103.5	R 5.2	6.7	0.0	0.0	(s)	0.0	R 657.0
2006	422.1	44.5	1.4	7.3	0.0	8.7	127.7	R 5.0	8.1	0.0	0.0	(s)	0.0	R 616.5
2007	423.6	55.1	1.7	7.8	0.0	9.5	135.4	R 4.6	8.8	0.0	0.0	(s)	0.0	R 637.4
2008	437.5	41.7	0.9	7.4	0.0	8.4	127.0	R 5.0	9.2	0.0	0.0	(s)	0.0	R 630.5
2009	388.8	41.6	0.5	5.6	0.0	6.1	132.7	R 4.4	9.8	0.0	0.0	(s)	0.0	R 587.0
2010	420.3	43.1	0.5	5.7	0.0	6.2	138.8	R 6.7	10.7	0.0	0.0	(s)	0.0	R 629.6
2011	410.5	48.3	0.5	4.3	0.0	4.8	121.0	R 6.8	14.8	0.0	0.0	(s)	0.0	R 610.2
2012	341.2	88.4	0.6	0.9	0.0	1.5	149.8	R 4.8	15.8	0.0	0.0	(s)	0.0	R 606.8
2013	422.2	62.3	0.4	0.9	0.0	1.3	122.0	R 6.2	15.0	0.0	0.0	(s)	0.0	R 634.4
2014	384.1	61.6	0.7	1.3	0.0	2.0	98.8	R 7.9	17.6	0.0	(s)	(s)	0.0	R 577.5
2015	380.6	103.0	0.4	1.0	0.0	1.4	104.7	R 7.4	17.4	0.0	(s)	(s)	0.0	R 619.9
2016	338.0	121.8	0.4	1.2	0.0	1.6	106.2	R 8.9	14.3	0.0	(s)	(s)	0.0	R 596.0
2017	368.3	109.2	0.4	1.7	0.0	2.1	100.9	R 8.5	14.5	0.0	R 0.1	R 5.6	0.0	R 609.2
2018	342.0	131.8	0.5	1.6	0.0	2.1	105.9	R 7.7	13.6	0.0	R 0.1	R 5.5	0.0	R 608.6
2019	262.3	151.3	0.7	1.4	0.0	2.1	104.7	R 8.6	14.1	0.0	R 0.1	R 6.3	0.0	R 549.5
2020	236.3	164.7	0.3	1.3	0.0	1.6	102.1	R 9.1	12.6	0.0	R 0.3	R 5.9	0.0	R 532.7
2021	275.5	155.0	2.7	2.1	0.0	4.7	R 104.0	R 6.9	13.2	0.0	R 1.2	R 5.3	0.0	R 565.8
2022	222.5	180.2	0.4	2.0	0.0	2.4	105.1	6.5	14.7	0.0	2.8	6.1	0.0	540.2

^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/>