

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

Year		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}					
	Coal	Thousand short tons	Billion cubic feet	Thousand barrels						Million kilowatthours	Million kilowatthours			
1960	19,218	42	161	0	194	355	254	166	--	0	NA	NA	0	--
1965	25,047	35	126	0	152	278	965	158	--	0	NA	NA	0	--
1970	28,993	132	2,667	0	3,221	5,888	2,514	146	--	0	NA	NA	0	--
1975	32,350	34	3,833	0	7,239	11,072	22,315	104	--	0	NA	NA	0	--
1980	34,611	19	847	0	12,762	13,608	27,742	121	--	0	NA	NA	0	--
1985	31,608	6	436	0	2,569	3,005	39,106	119	--	0	0	0	0	--
1990	27,396	9	491	0	1,622	2,113	71,887	144	--	0	0	0	0	--
1995	33,463	39	539	385	1,013	1,938	78,481	119	--	0	0	0	0	--
2000	46,046	47	363	0	795	1,158	89,438	142	--	0	0	0	0	--
2005	53,822	58	338	190	141	669	93,263	129	--	0	0	141	-18	--
2006	53,939	43	200	54	30	284	94,154	173	--	0	0	255	(s)	--
2007	56,488	63	260	0	12	272	95,729	154	--	0	0	664	60	--
2008	57,368	35	263	0	9	272	95,152	139	--	0	0	2,337	42	--
2009	53,670	33	227	0	1	229	95,474	136	--	0	(s)	2,820	8	--
2010	55,382	46	197	0	7	204	96,190	119	--	0	14	4,454	1	--
2011	53,682	48	160	0	0	160	95,823	140	--	0	14	6,213	(s)	--
2012	48,509	89	136	0	0	136	96,401	109	--	0	31	7,727	6	--
2013	51,996	52	135	0	0	135	97,131	119	--	0	52	9,625	0	--
2014	51,563	43	168	0	0	168	97,858	129	--	0	50	10,079	0	--
2015	43,446	84	107	0	0	107	97,282	123	--	0	49	10,742	0	--
2016	35,431	146	134	0	0	134	98,607	131	--	0	49	10,659	0	--
2017	34,224	142	103	0	0	103	97,191	124	--	0	52	12,263	2	--
2018	35,493	139	106	0	0	106	98,102	145	--	0	63	11,894	24	--
2019	29,152	170	97	0	0	97	98,735	123	--	0	59	14,455	0	--
2020	17,800	234	76	0	0	76	100,246	134	--	0	77	16,222	0	--
2021	R 25,730	171	112	0	0	112	96,994	128	--	0	513	19,128	0	--
2022	24,351	144	84	0	0	84	98,870	115	--	0	1,548	23,489	0	--

Trillion Btu

1960	416.9	43.8	0.9	0.0	1.2	2.2	3.0	R 0.6	0.0	0.0	NA	NA	0.0	R 466.4
1965	537.2	35.6	0.7	0.0	1.0	1.7	11.4	R 0.5	(s)	0.0	NA	NA	0.0	R 586.5
1970	608.9	135.7	15.5	0.0	20.3	35.8	27.6	R 0.5	(s)	0.0	NA	NA	0.0	R 808.5
1975	655.4	35.2	22.2	0.0	45.5	67.8	245.8	R 0.4	0.0	0.0	NA	NA	0.0	R 1,004.5
1980	712.7	19.6	4.9	0.0	80.2	85.1	302.6	R 0.4	0.0	0.0	NA	NA	0.0	R 1,119.8
1985	662.8	6.0	2.5	0.0	16.2	18.7	415.4	R 0.4	0.0	0.0	0.0	0.0	0.0	R 1,103.2
1990	591.4	9.4	2.9	0.0	10.2	13.1	760.7	R 0.5	2.4	0.0	0.0	0.0	0.0	R 1,377.3
1995	677.0	39.9	3.1	2.3	6.4	11.8	824.6	R 0.4	4.3	0.0	0.0	0.0	0.0	R 1,557.8
2000	875.2	48.1	2.1	0.0	5.0	7.1	932.7	R 0.5	10.9	0.0	0.0	0.0	0.0	R 1,874.0
2005	951.6	59.6	2.0	1.1	0.9	3.9	973.3	R 0.4	8.1	0.0	0.0	R 0.5	-0.1	R 1,996.8
2006	947.1	43.7	1.2	0.3	0.2	1.7	982.5	R 0.6	8.0	0.0	0.0	R 0.9	(s)	R 1,983.8
2007	988.3	64.0	1.5	0.0	0.1	1.6	1,004.1	R 0.5	8.3	0.0	0.0	R 2.3	0.2	R 2,068.5
2008	1,003.2	35.2	1.5	0.0	0.1	1.6	994.5	R 0.5	9.5	0.0	0.0	R 8.0	0.1	R 2,052.2
2009	937.1	33.8	1.3	0.0	(s)	1.3	998.6	R 0.5	9.4	0.0	0.0	R 9.6	(s)	R 1,989.9
2010	969.1	46.6	1.1	0.0	(s)	1.2	1,005.4	R 0.4	9.5	0.0	R (s)	R 15.2	(s)	R 2,046.8
2011	938.3	48.4	0.9	0.0	0.0	0.9	1,002.7	R 0.5	8.2	0.0	R (s)	R 21.2	(s)	R 2,019.7
2012	852.8	90.3	0.8	0.0	0.0	0.8	1,010.2	R 0.4	8.2	0.0	R 0.1	R 26.4	(s)	R 1,988.1
2013	912.5	53.0	0.8	0.0	0.0	0.8	1,014.9	R 0.4	8.1	0.0	R 0.2	R 32.8	0.0	R 2,022.2
2014	905.5	43.1	1.0	0.0	0.0	1.0	1,023.5	R 0.4	8.1	0.0	R 0.2	R 34.4	0.0	R 2,015.8
2015	761.5	85.5	0.6	0.0	0.0	0.6	1,017.4	R 0.4	7.1	0.0	R 0.2	R 36.7	0.0	R 1,908.4
2016	619.8	148.8	0.8	0.0	0.0	0.8	1,031.3	R 0.4	6.7	0.0	R 0.2	R 36.4	0.0	R 1,842.9
2017	600.6	145.4	0.6	0.0	0.0	0.6	1,016.5	R 0.4	6.1	0.0	R 0.2	R 41.8	(s)	R 1,809.9
2018	621.9	142.8	0.6	0.0	0.0	0.6	1,025.7	R 0.5	6.5	0.0	R 0.2	R 40.6	0.1	R 1,837.1
2019	510.4	176.5	0.6	0.0	0.0	0.6	1,031.0	R 0.4	6.3	0.0	R 0.2	R 49.3	0.0	R 1,772.9
2020	311.9	239.8	0.4	0.0	0.0	0.4	1,047.2	R 0.5	6.0	0.0	R 0.3	R 55.3	0.0	R 1,658.6
2021	R 450.0	177.3	0.6	0.0	0.0	0.6	R 1,011.6	R 0.4	5.4	0.0	R 1.8	R 65.3	0.0	R 1,710.2
2022	427.1	149.1	0.5	0.0	0.0	0.5	1,031.1	0.4	4.5	0.0	5.3	80.1	0.0	1,696.4

^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/>