

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

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	Total ^{f,i}
			Distillate fuel oil ^b	Petroleum coke	Residual fuel oil ^c	Total								
			Thousand barrels	Thousand barrels	Thousand barrels	Thousand barrels								
1960	0	53	3	0	41	44	0	2,990	--	0	NA	NA	-15	--
1965	333	37	3	0	44	47	0	4,439	--	0	NA	NA	-29	--
1970	401	59	1	0	19	20	0	6,141	--	0	NA	NA	-51	--
1975	4,259	18	1,653	0	5,756	7,410	0	7,240	--	0	NA	NA	-14	--
1980	10,916	50	436	0	1,185	1,622	0	9,820	--	0	NA	NA	-41	--
1985	14,448	42	211	0	145	357	1,130	13,972	--	0	0	0	0	--
1990	15,758	24	200	0	10	210	20,598	7,418	--	0	0	0	-2	--
1995	16,021	22	107	0	12	119	26,985	8,288	--	0	0	0	336	--
2000	20,408	96	357	0	46	402	30,381	8,354	--	0	0	0	47	--
2005	20,333	217	78	0	1	78	25,807	6,410	--	0	14	0	-80	--
2006	20,506	248	131	0	1	132	24,012	6,793	--	0	13	0	-182	--
2007	21,189	280	85	0	0	85	26,782	6,598	--	0	9	0	3	--
2008	22,658	284	89	0	0	89	29,250	7,286	--	0	15	0	-263	--
2009	20,762	262	104	0	0	104	30,662	6,427	--	0	14	30	-231	--
2010	23,084	224	117	0	0	117	31,200	6,622	--	0	16	135	69	--
2011	23,217	181	96	0	0	96	31,278	9,174	--	0	81	256	427	--
2012	21,461	229	76	0	0	76	31,934	6,717	--	0	951	532	17	--
2013	23,298	223	81	0	0	81	31,431	5,915	--	0	2,092	450	7	--
2014	22,911	206	108	0	0	108	32,321	6,118	--	0	3,118	468	48	--
2015	19,812	248	92	0	0	92	32,526	6,536	--	0	3,435	452	17	--
2016	16,639	255	98	0	0	98	32,377	7,168	--	0	3,742	542	130	--
2017	16,929	224	107	0	0	107	32,340	6,832	--	0	4,919	570	59	--
2018	16,814	285	95	0	0	95	31,097	6,982	--	0	5,127	530	34	--
2019	12,875	356	124	0	0	124	31,920	6,204	--	0	5,262	554	-3	--
2020	8,274	389	79	0	0	79	31,552	6,424	--	0	5,825	644	-3	--
2021	8,419	358	85	0	0	85	31,630	5,973	--	0	6,692	1,600	-3	--
2022	8,152	339	62	0	0	62	31,943	5,298	--	0	7,027	1,564	-4	--

Trillion Btu														
1960	0.0	55.1	(s)	0.0	0.3	0.3	0.0	R 10.2	0.2	0.0	NA	NA	-0.1	R 65.7
1965	6.9	39.5	(s)	0.0	0.3	0.3	0.0	R 15.1	0.0	0.0	NA	NA	-0.1	R 61.8
1970	8.5	62.4	(s)	0.0	0.1	0.1	0.0	R 21.0	0.0	0.0	NA	NA	-0.2	R 91.8
1975	89.8	18.9	9.6	0.0	36.2	45.8	0.0	R 24.7	0.0	0.0	NA	NA	(s)	R 179.2
1980	231.9	52.5	2.5	0.0	7.5	10.0	0.0	R 33.5	0.0	0.0	NA	NA	-0.1	R 327.8
1985	303.2	44.2	1.2	0.0	0.9	2.1	12.0	R 47.7	0.0	0.0	0.0	0.0	0.0	R 409.2
1990	330.2	25.0	1.2	0.0	0.1	1.2	218.0	R 25.3	0.0	0.0	0.0	0.0	(s)	R 599.7
1995	329.7	22.7	0.6	0.0	0.1	0.7	283.5	R 28.3	0.0	0.0	0.0	0.0	1.1	R 666.0
2000	416.9	97.4	2.1	0.0	0.3	2.4	316.8	R 28.5	0.0	0.0	0.0	0.0	0.2	R 862.2
2005	412.5	222.8	0.5	0.0	(s)	0.5	269.3	R 21.9	0.6	0.0	R (s)	0.0	-0.3	R 927.3
2006	415.7	253.2	0.8	0.0	(s)	0.8	250.6	R 23.2	0.5	0.0	R (s)	0.0	-0.6	R 943.4
2007	423.2	286.3	0.5	0.0	0.0	0.5	280.9	R 22.5	0.2	0.0	R (s)	0.0	(s)	R 1,013.7
2008	445.8	291.6	0.5	0.0	0.0	0.5	305.7	R 24.9	1.7	0.0	0.1	0.0	-0.9	R 1,069.3
2009	404.5	267.7	0.6	0.0	0.0	0.6	320.7	R 21.9	1.7	0.0	R (s)	R 0.1	-0.8	R 1,016.6
2010	447.1	227.9	0.7	0.0	0.0	0.7	326.1	R 22.6	2.0	0.0	R 0.1	R 0.5	0.2	R 1,027.2
2011	449.9	183.9	0.6	0.0	0.0	0.6	327.3	R 31.3	2.4	0.0	R 0.3	R 0.9	1.5	R 997.9
2012	411.9	233.7	0.4	0.0	0.0	0.4	334.6	R 22.9	2.8	0.0	R 3.2	R 1.8	0.1	R 1,011.4
2013	450.5	228.4	0.5	0.0	0.0	0.5	328.4	R 20.2	2.5	0.0	R 7.1	R 1.5	(s)	R 1,039.2
2014	442.7	211.6	0.6	0.0	0.0	0.6	338.0	R 20.9	3.6	0.0	R 10.6	R 1.6	0.2	R 1,029.8
2015	380.4	257.9	0.5	0.0	0.0	0.5	340.2	R 22.3	3.9	0.0	R 11.7	R 1.5	0.1	R 1,018.5
2016	319.8	264.5	0.6	0.0	0.0	0.6	338.6	R 24.5	3.9	0.0	R 12.8	R 1.8	0.4	R 966.9
2017	329.2	232.6	0.6	0.0	0.0	0.6	338.2	R 23.3	3.1	0.0	R 16.8	R 1.9	0.2	R 946.1
2018	325.0	296.5	0.5	0.0	0.0	0.5	325.1	R 23.8	3.5	0.0	R 17.5	R 1.8	0.1	R 993.8
2019	251.2	367.8	0.7	0.0	0.0	0.7	333.3	R 21.2	3.8	0.0	R 18.0	R 1.9	(s)	R 997.8
2020	150.3	399.8	0.5	0.0	0.0	0.5	329.6	R 21.9	3.6	0.0	R 19.9	R 2.2	(s)	R 927.7
2021	153.9	369.4	0.5	0.0	0.0	0.5	R 329.9	R 20.4	3.1	0.0	R 22.8	R 5.5	(s)	R 905.4
2022	148.0	349.0	0.4	0.0	0.0	0.4	333.1	18.1	3.0	0.0	24.0	5.3	(s)	880.9

^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/>