

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

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	52	0	95	0	3	99	0	290	---	0	NA	NA	0	---
1965	151	2	308	0	4	312	0	350	---	0	NA	NA	0	---
1970	249	8	394	0	5	399	0	363	---	0	NA	NA	(s)	---
1975	257	20	694	0	1	696	0	357	---	0	NA	NA	0	---
1980	273	29	538	0	353	891	0	539	---	0	NA	NA	0	---
1985	296	34	518	0	476	994	0	748	---	0	(s)	0	0	---
1990	290	34	486	0	171	658	0	975	---	0	0	0	1	---
1995	293	30	592	0	257	849	0	1,372	---	0	0	0	1	---
2000	500	36	415	0	670	1,085	0	1,002	---	0	0	0	1	---
2005	398	39	538	0	696	1,234	0	1,464	---	0	0	1	1	---
2006	408	43	586	0	682	1,268	0	1,224	---	0	0	1	1	---
2007	414	41	633	0	471	1,105	0	1,291	---	0	0	1	1	---
2008	427	43	651	0	197	848	0	1,172	---	0	0	(s)	1	---
2009	437	38	594	0	546	1,140	0	1,324	---	0	0	7	1	---
2010	410	40	489	0	306	795	0	1,433	---	0	0	13	1	---
2011	409	42	568	0	232	800	0	1,345	---	0	0	12	1	---
2012	427	40	510	0	376	886	0	1,575	---	0	0	37	1	---
2013	400	34	560	0	94	654	0	1,435	---	0	0	145	1	---
2014	655	32	507	0	119	626	0	1,539	---	0	0	152	0	---
2015	731	30	581	0	116	697	0	1,569	---	0	0	160	0	---
2016	644	28	807	0	0	807	0	1,491	---	0	0	169	(s)	---
2017	623	29	880	0	0	880	0	1,462	---	0	0	142	1	---
2018	702	25	844	0	0	844	0	1,489	---	0	0	155	1	---
2019	745	24	871	0	0	871	0	1,493	---	0	0	143	0	---
2020	777	23	1,012	0	0	1,012	0	1,602	---	0	0	129	0	---
2021	761	26	853	0	0	853	0	1,520	---	0	0	132	0	---

Trillion Btu

1960	0.9	0.0	0.6	0.0	(s)	0.6	0.0	3.1	0.0	0.0	NA	NA	0.0	4.6
1965	2.7	2.2	1.8	0.0	(s)	1.8	0.0	3.7	0.0	0.0	NA	NA	0.0	10.3
1970	4.3	8.2	2.3	0.0	(s)	2.3	0.0	3.8	0.0	0.0	NA	NA	(s)	18.6
1975	4.5	19.7	4.0	0.0	(s)	4.1	0.0	3.7	0.0	0.0	NA	NA	0.0	32.0
1980	4.3	28.9	3.1	0.0	2.2	5.4	0.0	5.6	0.0	0.0	NA	NA	0.0	44.2
1985	4.7	34.4	3.0	0.0	3.0	6.0	0.0	7.8	0.0	0.0	0.0	(s)	0.0	52.9
1990	4.6	35.3	2.8	0.0	1.1	3.9	0.0	10.1	0.0	0.0	0.0	0.0	(s)	53.9
1995	4.6	29.9	3.4	0.0	1.6	5.1	0.0	14.1	0.0	0.0	0.0	0.0	(s)	53.7
2000	8.3	35.7	2.4	0.0	4.2	6.6	0.0	10.2	0.0	0.0	0.0	0.0	(s)	60.8
2005	6.1	39.5	3.1	0.0	4.4	7.5	0.0	14.6	0.0	0.0	0.0	(s)	(s)	67.7
2006	6.2	43.6	3.4	0.0	4.3	7.7	0.0	12.1	0.0	0.0	0.0	(s)	(s)	69.7
2007	6.2	41.2	3.7	0.0	3.0	6.6	0.0	12.8	0.0	0.0	0.0	(s)	(s)	66.8
2008	6.2	43.4	3.8	0.0	1.2	5.0	0.0	11.5	0.0	0.0	0.0	(s)	(s)	66.2
2009	6.3	38.3	3.4	0.0	3.4	6.9	0.0	12.9	0.0	0.0	0.0	0.1	(s)	64.5
2010	6.0	40.0	2.8	0.0	1.9	4.7	0.0	14.0	0.0	0.0	0.0	0.1	(s)	64.8
2011	6.0	42.3	3.3	0.0	1.5	4.7	0.0	13.1	0.0	0.0	0.0	0.1	(s)	66.2
2012	6.3	40.3	2.9	0.0	2.4	5.3	0.0	15.0	0.0	0.0	0.0	0.4	(s)	67.2
2013	5.9	34.0	3.2	0.0	0.6	3.8	0.0	13.7	0.0	0.0	0.0	1.4	(s)	58.8
2014	9.9	32.0	2.9	0.0	0.7	3.7	0.0	14.6	0.0	0.0	0.0	1.4	0.0	61.6
2015	11.0	30.2	3.3	0.0	0.7	4.1	0.0	14.6	0.0	0.0	0.0	1.5	0.0	61.4
2016	9.6	28.2	4.6	0.0	0.0	4.6	0.0	13.8	0.0	0.0	0.0	1.6	(s)	57.8
2017	9.2	29.0	5.1	0.0	0.0	5.1	0.0	13.5	0.0	0.0	0.0	1.3	(s)	58.0
2018	10.4	25.4	4.9	0.0	0.0	4.9	0.0	R 13.5	0.0	0.0	0.0	1.4	(s)	55.6
2019	11.0	24.4	5.0	0.0	0.0	5.0	0.0	R 13.3	0.0	0.0	0.0	1.3	0.0	R 55.0
2020	11.4	22.9	5.8	0.0	0.0	5.8	0.0	R 14.0	0.0	0.0	0.0	1.1	0.0	55.3
2021	11.3	25.5	4.9	0.0	0.0	4.9	0.0	13.4	0.0	0.0	0.0	1.2	0.0	56.4

^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/>