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

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	0	0	2	0	14	16	0	34,154	– –	0	NA	NA	-50	– –
1965	0	0	(s)	0	3	3	0	49,105	– –	0	NA	NA	-481	– –
1970	0	0	(s)	0	3	4	2,614	69,391	– –	0	NA	NA	617	– –
1975	4,009	0	4	0	71	75	3,308	83,527	– –	0	NA	NA	1,730	– –
1980	4,950	1	31	0	201	232	2,041	82,982	– –	0	NA	NA	859	– –
1985	5,192	(s)	17	0	0	17	8,038	76,923	– –	0	0	0	904	– –
1990	4,852	(s)	30	0	1	31	5,742	87,193	– –	0	0	0	243	– –
1995	3,857	40	234	0	0	234	6,942	82,220	– –	0	0	0	-765	– –
2000	6,355	74	782	(s)	0	783	8,605	80,161	– –	0	0	0	-1,133	– –
2005	6,996	66	21	0	0	21	8,242	72,023	– –	0	0	498	-3,005	– –
2006	4,125	59	39	0	0	39	9,328	81,944	– –	0	0	1,038	-8,657	– –
2007	5,681	57	27	0	0	27	8,109	78,781	– –	0	0	2,438	-3,259	– –
2008	5,763	75	45	0	0	45	9,270	77,589	– –	0	0	3,657	-7,273	– –
2009	4,974	91	71	0	0	71	6,634	72,886	– –	0	0	3,572	-6,178	– –
2010	5,727	80	37	0	0	37	9,241	68,233	– –	0	0	4,745	-6,953	– –
2011	3,425	39	31	0	0	31	4,806	91,815	– –	0	1	6,262	-6,761	– –
2012	2,502	43	27	0	0	27	9,334	89,463	– –	0	1	6,600	-6,173	– –
2013	4,429	88	25	0	0	25	8,461	78,155	– –	0	1	7,004	-6,332	– –
2014	4,475	85	29	0	0	29	9,497	79,463	– –	0	1	7,268	-7,539	– –
2015	3,405	97	21	0	0	21	8,161	73,405	– –	0	1	7,075	-3,310	– –
2016	3,075	82	24	0	0	24	9,626	78,346	– –	0	1	8,042	-778	– –
2017	3,623	81	28	0	0	28	8,128	82,183	– –	0	(s)	6,925	-1,069	– –
2018	3,628	77	26	0	0	26	9,708	80,883	– –	0	2	7,900	-4,012	– –
2019	4,804	106	23	0	0	23	8,866	66,018	– –	0	44	6,677	-3,881	– –
2020	3,476	95	23	0	0	23	9,427	76,410	– –	0	46	9,266	4,951	– –
2021	2,120	112	22	0	0	22	8,511	71,379	– –	0	50	9,298	3,920	– –
2022	2,405	97	46	0	0	46	9,852	78,916	– –	0	83	8,061	3,668	– –
							Trillion Btu							
1960	0.0	0.0	(s)	0.0	0.1	0.1	0.0	R 116.5	(s)	0.0	NA	NA	-0.2	R 116.5
1965	0.0	0.0	(s)	0.0	(s)	(s)	0.0	R 167.5	0.0	0.0	NA	NA	-1.6	R 165.9
1970	0.0	0.0	(s)	0.0	(s)	(s)	28.7	R 236.8	(s)	0.0	NA	NA	2.1	R 267.6
1975	64.9	0.0	(s)	0.0	0.4	0.5	36.4	R 285.0	0.0	0.0	NA	NA	5.9	R 392.7
1980	80.2	1.0	0.2	0.0	1.3	1.4	22.3	R 283.1	0.0	0.0	NA	NA	2.9	R 390.9
1985	84.1	0.1	0.1	0.0	0.0	0.1	85.4	R 262.5	2.9	0.0	0.0	0.0	3.1	R 438.2
1990	78.9	0.2	0.2	0.0	(s)	0.2	60.8	R 297.5	3.7	0.0	0.0	0.0	0.8	R 442.1
1995	63.8	41.4	1.4	0.0	0.0	1.4	72.9	R 280.5	6.0	0.0	0.0	0.0	-2.6	R 463.4
2000	102.9	76.3	4.6	(s)	0.0	4.6	89.7	R 273.5	9.8	0.0	0.0	0.0	-3.9	R 553.0
2005	110.8	67.3	0.1	0.0	0.0	0.1	86.0	R 245.7	11.2	0.0	0.0	R 1.7	-10.3	R 512.6
2006	67.1	60.3	0.2	0.0	0.0	0.2	97.3	R 279.6	10.9	0.0	0.0	R 3.5	-29.5	R 489.5
2007	92.5	58.6	0.2	0.0	0.0	0.2	85.1	R 268.8	11.2	0.0	0.0	R 8.3	-11.1	R 513.6
2008	91.7	76.8	0.3	0.0	0.0	0.3	96.9	R 264.7	7.7	0.0	0.0	R 12.5	-24.8	R 525.7
2009	80.5	94.0	0.4	0.0	0.0	0.4	69.4	R 248.7	7.8	0.0	0.0	R 12.2	-21.1	R 491.9
2010	92.2	81.9	0.2	0.0	0.0	0.2	96.6	R 232.8	10.3	0.0	0.0	R 16.2	-23.7	R 506.5
2011	55.1	40.4	0.2	0.0	0.0	0.2	50.3	R 313.3	9.2	0.0	(s)	R 21.4	-23.1	R 466.7
2012	40.6	44.2	0.2	0.0	0.0	0.2	97.8	R 305.2	6.3	0.0	(s)	R 22.5	-21.1	R 495.8
2013	72.9	89.6	0.1	0.0	0.0	0.1	88.4	R 266.7	7.7	0.0	(s)	R 23.9	-21.6	R 527.7
2014	73.8	88.2	0.2	0.0	0.0	0.2	99.3	R 271.1	7.8	0.0	(s)	R 24.8	-25.7	R 539.5
2015	56.4	103.5	0.1	0.0	0.0	0.1	85.3	R 250.5	8.3	0.0	(s)	R 24.1	-11.3	R 516.9
2016	51.4	87.9	0.1	0.0	0.0	0.1	100.7	R 267.3	8.4	0.0	(s)	R 27.4	-2.7	R 540.7
2017	60.3	87.1	0.2	0.0	0.0	0.2	85.0	R 280.4	8.3	0.0	(s)	R 23.6	-3.6	R 541.2
2018	59.8	83.3	0.1	0.0	0.0	0.1	101.5	R 276.0	7.8	0.0	(s)	R 27.0	-13.7	R 541.7
2019	79.4	115.2	0.1	0.0	0.0	0.1	92.6	R 225.3	6.1	0.0	R 0.1	R 22.8	-13.2	R 528.3
2020	57.9	102.7	0.1	0.0	0.0	0.1	98.5	R 260.7	5.7	0.0	R 0.2	R 31.6	16.9	R 574.3
2021	35.5	121.8	0.1	0.0	0.0	0.1	R 88.8	R 243.5	6.1	0.0	R 0.2	R 31.7	13.4	R 541.1
2022	40.8	104.8	0.3	0.0	0.0	0.3	102.7	269.3	6.1	0.0	0.3	27.5	12.5	564.2

[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/