

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

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	5,879	1	(s)	0	33	33	0	398	--	0	NA	NA	0	--
1965	8,025	1	(s)	0	61	62	0	336	--	0	NA	NA	0	--
1970	14,889	1	3	0	430	433	0	437	--	0	NA	NA	0	--
1975	25,805	(s)	14	0	708	722	0	467	--	0	NA	NA	0	--
1980	28,499	(s)	683	0	0	683	0	424	--	0	NA	NA	0	--
1985	31,367	(s)	369	0	0	369	0	368	--	0	0	0	0	--
1990	29,873	(s)	368	0	0	368	0	685	--	0	0	0	0	--
1995	31,549	1	338	0	0	338	0	637	--	0	0	0	0	--
2000	36,625	1	448	0	0	448	0	698	--	0	0	0	0	--
2005	37,875	2	349	0	0	349	0	892	--	0	0	154	0	--
2006	37,863	4	237	0	0	237	0	1,048	--	0	0	174	0	--
2007	38,056	4	324	0	0	324	0	806	--	0	0	168	0	--
2008	37,706	2	237	0	0	237	0	821	--	0	0	392	0	--
2009	29,255	1	304	0	0	304	0	1,027	--	0	0	742	0	--
2010	32,752	1	271	0	0	271	0	869	--	0	0	939	0	--
2011	31,917	3	327	0	0	327	0	894	--	0	0	1,103	0	--
2012	29,571	2	250	0	0	250	0	884	--	0	0	1,286	0	--
2013	30,093	3	269	0	0	269	0	1,080	--	0	0	1,387	0	--
2014	31,883	7	283	0	0	283	0	713	--	0	0	1,451	0	--
2015	28,223	13	247	0	0	247	0	832	--	0	0	1,376	0	--
2016	29,549	10	215	0	0	215	0	1,143	--	0	0	1,432	0	--
2017	27,988	10	208	0	0	208	0	1,125	--	0	0	1,682	(s)	--
2018	25,811	11	289	0	0	289	0	1,160	--	0	0	1,770	9	--
2019	23,897	16	230	0	0	230	0	1,143	--	0	0	1,631	0	--
2020	20,590	21	257	0	0	257	0	1,027	--	0	0	1,898	0	--
2021	24,250	20	301	0	0	301	0	1,188	--	0	0	1,624	0	--
2022	21,176	17	287	0	0	287	0	1,122	--	0	0	2,007	0	--

Trillion Btu

1960	140.6	1.0	(s)	0.0	0.2	0.2	0.0	R 1.4	0.0	0.0	NA	NA	0.0	R 143.1
1965	190.5	1.0	(s)	0.0	0.4	0.4	0.0	R 1.1	0.0	0.0	NA	NA	0.0	R 193.0
1970	347.2	0.7	(s)	0.0	2.7	2.7	0.0	R 1.5	(s)	0.0	NA	NA	0.0	R 352.1
1975	599.2	0.2	0.1	0.0	4.4	4.5	0.0	R 1.6	0.0	0.0	NA	NA	0.0	R 605.5
1980	691.7	0.1	4.0	0.0	0.0	4.0	0.0	R 1.4	0.0	0.0	NA	NA	0.0	R 697.1
1985	778.7	0.1	2.1	0.0	0.0	2.1	0.0	R 1.3	0.0	0.0	0.0	0.0	0.0	R 782.3
1990	744.8	0.1	2.1	0.0	0.0	2.1	0.0	R 2.3	0.0	0.0	0.0	0.0	0.0	R 749.4
1995	772.4	0.7	2.0	0.0	0.0	2.0	0.0	R 2.2	0.0	0.0	0.0	0.0	0.0	R 777.3
2000	891.2	0.5	2.6	0.0	0.0	2.6	0.0	R 2.4	0.1	0.0	0.0	0.0	0.0	R 896.9
2005	898.0	2.4	2.0	0.0	0.0	2.0	0.0	R 3.0	(s)	0.0	0.0	R 0.5	0.0	R 906.0
2006	902.3	3.8	1.4	0.0	0.0	1.4	0.0	R 3.6	0.0	0.0	0.0	R 0.6	0.0	R 911.7
2007	915.8	4.0	1.9	0.0	0.0	1.9	0.0	R 2.7	0.0	0.0	0.0	R 0.6	0.0	R 925.0
2008	891.9	2.0	1.4	0.0	0.0	1.4	0.0	R 2.8	0.0	0.0	0.0	R 1.3	0.0	R 899.3
2009	695.5	1.2	1.8	0.0	0.0	1.8	0.0	R 3.5	0.0	0.0	0.0	R 2.5	0.0	R 704.5
2010	784.3	1.6	1.6	0.0	0.0	1.6	0.0	R 3.0	0.0	0.0	0.0	R 3.2	0.0	R 793.6
2011	759.3	2.7	1.9	0.0	0.0	1.9	0.0	R 3.1	0.1	0.0	0.0	R 3.8	0.0	R 770.8
2012	706.0	2.5	1.4	0.0	0.0	1.4	0.0	R 3.0	0.1	0.0	0.0	R 4.4	0.0	R 717.4
2013	724.5	3.0	1.6	0.0	0.0	1.6	0.0	R 3.7	(s)	0.0	0.0	R 4.7	0.0	R 737.5
2014	771.7	7.0	1.6	0.0	0.0	1.6	0.0	R 2.4	0.1	0.0	0.0	R 5.0	0.0	R 787.8
2015	689.9	14.1	1.4	0.0	0.0	1.4	0.0	R 2.8	0.1	0.0	0.0	R 4.7	0.0	R 713.0
2016	721.3	10.9	1.2	0.0	0.0	1.2	0.0	R 3.9	0.0	0.0	0.0	R 4.9	0.0	R 742.3
2017	684.2	11.2	1.2	0.0	0.0	1.2	0.0	R 3.8	0.0	0.0	0.0	R 5.7	(s)	R 706.1
2018	633.4	11.5	1.7	0.0	0.0	1.7	0.0	R 4.0	0.0	0.0	0.0	R 6.0	(s)	R 656.6
2019	593.5	17.5	1.3	0.0	0.0	1.3	0.0	R 3.9	0.0	0.0	0.0	R 5.6	0.0	R 621.9
2020	512.9	22.4	1.5	0.0	0.0	1.5	0.0	R 3.5	(s)	0.0	0.0	R 6.5	0.0	R 546.9
2021	602.5	20.9	1.7	0.0	0.0	1.7	0.0	R 4.1	(s)	0.0	0.0	R 5.5	0.0	R 634.9
2022	525.5	17.9	1.7	0.0	0.0	1.7	0.0	3.8	(s)	0.0	0.0	6.8	0.0	555.8

^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/>