

Table ET7. Electric power sector price and expenditure estimates, selected years, 1970-2023, Minnesota

Year	Coal	Natural gas ^a	Petroleum				Nuclear fuel	Biomass	Electricity imports ^c	Total energy ^d
			Distillate fuel oil	Petroleum coke	Residual fuel oil	Total		Wood and waste ^b		
Prices in dollars per million Btu										
1970	0.34	0.26	0.85	0.28	0.74	0.73	—	0.65	1.92	0.34
1975	0.62	0.64	2.26	0.54	1.95	2.03	0.24	0.92	3.89	0.53
1980	1.04	1.99	5.80	—	4.46	4.86	0.44	1.74	6.94	0.97
1985	1.43	3.69	5.97	—	3.99	5.96	0.50	—	9.34	1.32
1990	1.25	1.92	5.33	0.76	1.86	1.25	0.48	0.62	8.37	1.12
1995	1.14	1.76	4.07	0.69	—	1.17	0.48	0.51	6.21	1.25
2000	1.11	4.49	6.60	0.33	3.56	1.47	0.45	0.40	16.78	1.87
2005	1.11	9.20	10.62	0.43	5.07	2.39	0.46	1.14	16.53	2.30
2006	1.21	8.65	13.53	0.49	8.11	2.80	0.46	1.21	17.32	2.47
2007	1.50	7.18	15.87	1.04	6.55	8.87	0.51	1.17	18.25	2.68
2008	1.66	9.11	21.55	1.14	6.53	8.46	0.48	1.32	18.28	2.65
2009	1.64	6.49	13.54	—	5.90	13.19	0.71	1.25	12.10	2.21
2010	1.75	5.96	16.91	—	—	16.91	0.84	2.17	13.31	2.42
2011	1.93	5.88	23.48	—	—	23.48	0.90	2.34	11.53	2.46
2012	1.98	3.71	23.76	—	—	23.76	0.91	2.14	9.51	2.32
2013	2.00	4.66	23.13	—	—	23.13	0.97	2.11	11.49	2.65
2014	1.95	5.82	22.14	—	—	22.14	0.90	2.11	13.31	2.51
2015	1.90	3.62	13.13	—	—	13.13	0.85	2.05	10.54	2.33
2016	2.06	3.05	11.34	—	—	11.34	0.81	2.03	8.74	2.22
2017	2.09	3.81	13.18	—	—	13.18	0.79	1.76	9.18	2.24
2018	2.19	3.47	16.47	—	—	16.47	0.80	0.99	10.74	2.15
2019	2.02	2.92	14.83	—	—	14.83	0.81	2.35	9.20	2.26
2020	1.94	2.58	9.76	—	—	9.76	0.81	0.93	8.38	1.80
2021	2.15	4.46	15.15	—	—	15.15	0.77	0.43	12.82	2.47
2022	2.33	7.54	25.28	—	—	25.28	0.77	1.02	19.84	3.39
2023	2.40	4.94	20.07	—	—	20.07	0.77	1.04	18.72	3.53
Expenditures in million dollars										
1970	43.1	15.3	2.7	0.2	3.9	6.9	—	0.1	0.8	66.2
1975	84.9	14.2	8.9	0.2	10.4	19.5	25.5	(s)	2.5	146.6
1980	230.9	16.0	5.6	—	10.1	15.8	48.6	(s)	24.0	335.3
1985	286.5	4.7	1.7	—	(s)	1.7	61.4	—	85.9	440.3
1990	373.7	10.4	2.8	3.3	(s)	6.2	61.2	4.8	49.8	505.9
1995	348.7	14.8	3.2	3.2	—	6.4	66.2	4.4	182.0	622.5
2000	370.2	45.2	9.5	2.2	(s)	11.7	61.2	3.6	487.7	979.5
2005	391.9	241.5	14.3	2.7	2.5	19.6	62.2	10.6	572.0	1,297.8
2006	417.3	217.0	11.7	2.1	1.1	14.9	63.4	10.7	662.7	1,386.1
2007	508.8	251.6	36.5	2.0	2.9	41.3	69.7	20.1	631.8	1,523.4
2008	549.9	229.8	19.6	1.8	1.0	22.4	64.8	23.5	547.4	1,437.9
2009	500.7	155.4	9.6	—	0.2	9.8	92.1	26.1	342.2	1,126.3
2010	506.1	217.1	6.2	—	—	6.2	118.1	52.7	353.4	1,253.6
2011	560.3	167.6	7.0	—	—	7.0	112.4	50.3	312.9	1,210.4
2012	467.5	216.6	8.1	—	—	8.1	114.2	51.9	226.4	1,084.7
2013	488.2	237.2	9.1	—	—	9.1	108.5	42.2	320.5	1,205.6
2014	565.8	184.6	14.9	—	—	14.9	119.4	46.7	326.4	1,257.8
2015	482.1	202.0	4.4	—	—	4.4	106.4	46.0	289.1	1,130.0
2016	496.9	208.9	4.0	—	—	4.0	117.0	46.2	253.7	1,126.6
2017	492.2	196.4	4.3	—	—	4.3	114.4	39.8	227.6	1,074.6
2018	530.2	234.2	7.2	—	—	7.2	121.9	17.6	153.9	1,065.0
2019	376.2	275.2	8.5	—	—	8.5	119.0	22.0	250.7	1,051.5
2020	289.1	240.3	2.9	—	—	2.9	123.5	8.1	83.1	747.1
2021	353.0	453.5	18.7	—	—	18.7	114.1	3.7	124.1	1,067.0
2022	390.9	533.8	14.5	—	—	14.5	118.2	9.1	355.0	1,421.5
2023	316.4	535.9	18.1	—	—	18.1	96.4	8.3	422.5	1,397.7

^a Includes supplemental gaseous fuels that are commingled with natural gas.

^b Wood, wood-derived fuels, and biomass waste. Beginning in 2006, includes small amount of other biomass liquids that are biodiesel. Prior to 2001, includes non-biomass waste.

^c Electricity imported from Canada and Mexico.

^d There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.

Where shown, R = Revised data, — = No consumption, and (s) = Value less than 0.05 million dollars.

Notes: · Expenditure 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.

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. <https://www.eia.gov/state/seds/>