

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

Year	Coal	Natural gas <sup>a</sup>	Petroleum				Nuclear fuel	Biomass	Electricity imports <sup>c</sup>	Total energy <sup>d</sup>
			Distillate fuel oil	Petroleum coke	Residual fuel oil	Total		Wood and waste <sup>b</sup>		
Prices in dollars per million Btu										
1970	0.31	0.41	0.49	—	0.47	0.47	0.21	—	—	0.34
1975	0.96	1.47	2.27	—	2.07	2.12	0.25	—	—	0.93
1980	1.33	3.60	5.85	0.72	4.52	4.60	0.42	—	—	1.55
1985	1.56	5.08	5.85	1.27	4.32	4.30	0.92	—	—	1.61
1990	1.52	2.95	5.48	0.90	3.31	3.52	0.83	0.46	—	1.35
1995	1.36	1.98	3.80	0.55	2.55	2.43	0.56	0.70	6.21	1.09
2000	1.15	3.71	6.57	0.74	3.58	4.57	0.48	0.67	—	1.00
2005	1.58	9.94	12.32	1.21	6.71	7.16	0.37	2.28	16.53	1.61
2006	1.71	7.50	13.54	1.21	7.47	9.00	0.40	2.32	17.32	1.56
2007	1.74	7.77	12.77	—	7.38	9.20	0.44	2.42	18.25	1.73
2008	2.09	10.12	20.30	2.01	12.27	15.22	0.47	2.66	18.28	2.10
2009	2.29	4.47	12.15	1.72	8.10	9.06	0.57	2.20	12.10	1.89
2010	2.40	5.13	16.26	—	12.26	14.75	0.65	2.40	13.31	2.12
2011	2.55	4.72	22.44	—	18.24	21.30	0.69	2.44	11.53	2.23
2012	2.43	3.05	23.56	—	20.68	23.02	0.75	2.21	9.51	1.97
2013	2.47	4.00	24.43	—	19.32	23.64	0.82	2.26	11.49	2.16
2014	2.51	4.84	23.67	—	17.75	22.49	0.78	2.73	13.31	2.36
2015	2.28	2.42	14.70	—	—	14.70	0.71	2.62	10.54	1.70
2016	1.90	1.87	10.23	1.23	—	10.21	0.68	2.54	8.74	1.39
2017	1.88	2.56	13.96	—	—	13.96	0.74	2.40	9.18	1.59
2018	2.09	3.06	15.58	—	12.46	15.56	0.73	2.22	10.74	1.81
2019	1.88	2.35	14.06	—	11.95	14.02	0.68	2.33	—	1.54
2020	1.73	1.63	9.49	—	8.81	9.46	0.64	1.80	—	1.24
2021	2.88	3.31	15.06	—	13.27	15.04	0.63	2.39	—	2.19
2022	3.20	R 6.10	25.10	—	22.94	25.01	0.63	2.69	—	R 3.54
2023	2.31	2.07	19.74	—	18.98	19.70	0.64	2.93	—	1.52
Expenditures in million dollars										
1970	213.6	4.0	11.3	—	66.6	77.8	1.1	—	—	296.5
1975	822.7	1.8	45.2	—	133.8	178.9	44.3	—	—	1,047.7
1980	1,364.4	10.5	76.2	1.4	489.2	566.8	55.4	—	—	1,997.2
1985	1,592.7	8.0	48.5	6.0	315.7	370.2	257.5	—	—	2,228.4
1990	1,605.3	41.2	68.3	5.4	138.4	212.1	506.8	4.1	—	2,369.5
1995	1,443.8	80.5	31.0	4.3	77.4	112.7	387.6	19.5	0.5	2,044.5
2000	1,391.0	78.9	99.1	0.1	106.8	205.9	371.0	21.0	—	2,068.0
2005	1,939.4	830.6	91.2	3.7	297.8	392.7	298.5	57.0	1.7	3,519.9
2006	2,130.6	783.3	51.2	1.2	44.6	97.0	316.0	59.0	1.9	3,387.8
2007	2,164.0	1,153.1	61.9	—	70.3	132.2	356.5	64.0	9.8	3,879.6
2008	2,484.6	1,475.0	93.2	1.6	54.1	148.9	382.3	76.1	55.4	4,622.3
2009	2,447.8	968.5	41.6	1.4	39.5	82.4	457.6	62.9	25.5	4,044.6
2010	2,687.9	1,294.1	69.0	—	31.5	100.5	528.1	72.3	34.9	4,717.7
2011	2,618.0	1,485.4	86.9	—	26.4	113.4	549.2	70.0	26.2	4,862.2
2012	2,193.4	1,240.4	68.1	—	13.8	82.0	594.4	61.0	44.2	4,215.3
2013	2,234.9	1,511.0	80.5	—	11.7	92.2	672.7	62.1	44.8	4,617.7
2014	2,040.6	1,955.8	136.8	—	25.4	162.2	639.3	73.6	26.2	4,897.7
2015	1,525.2	1,103.7	88.3	—	—	88.3	601.7	71.4	20.4	3,410.7
2016	1,089.8	972.2	34.5	(s)	—	34.5	588.2	69.3	9.4	2,763.3
2017	942.9	1,395.3	41.7	—	—	41.7	647.7	65.9	1.0	3,094.4
2018	976.6	1,707.1	121.3	—	0.7	122.1	635.1	59.3	2.1	3,502.3
2019	749.9	1,634.2	30.6	—	0.5	31.1	588.4	56.0	—	3,059.7
2020	442.0	1,401.1	9.1	—	0.5	9.6	513.3	40.0	—	2,406.0
2021	923.5	2,923.2	20.9	—	0.3	21.2	502.1	47.7	—	4,417.7
2022	855.5	R 5,579.5	80.1	—	3.4	83.5	503.0	44.6	—	R 7,066.0
2023	352.1	2,032.1	13.6	—	0.7	14.4	505.1	48.4	—	2,952.0

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> 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.  
<sup>c</sup> Electricity imported from Canada and Mexico.  
<sup>d</sup> 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/>