

Table 9.9 Cost of Fossil-Fuel Receipts at Electric Generating Plants

(Dollars^a per Million Btu, Including Taxes)

	Coal	Petroleum				Natural Gas ^e	All Fossil Fuels ^f
		Residual Fuel Oil ^b	Distillate Fuel Oil ^c	Petroleum Coke	Total ^d		
1973 Average	0.41	0.79	NA	NA	0.80	0.34	0.48
1975 Average81	2.01	NA	NA	2.02	.75	1.04
1980 Average	1.35	4.27	NA	NA	4.35	2.20	1.93
1985 Average	1.65	4.24	NA	NA	4.32	3.44	2.09
1990 Average	1.45	3.32	5.38	.80	3.35	2.32	1.69
1995 Average	1.32	2.59	3.99	.65	2.57	1.98	1.45
2000 Average	1.25	3.73	5.34	.78	3.34	3.56	1.86
2005 Average^g	1.54	7.06	11.72	1.11	6.44	8.21	3.25
2006 Average	1.69	7.85	13.28	1.33	6.23	6.94	3.02
2007 Average	1.77	8.64	14.85	1.51	7.17	7.11	3.23
2008 Average	2.07	13.62	21.46	2.11	10.87	9.01	4.12
2009 Average	2.21	8.98	13.22	1.61	7.02	4.74	3.04
2014 Average	2.37	18.30	21.88	1.98	11.60	5.00	3.31
2015 Average	2.22	9.89	14.06	1.84	6.74	3.23	2.65
2016 Average	2.11	8.45	10.90	1.65	5.24	2.87	2.47
2017 Average	2.06	11.00	13.22	2.13	7.10	3.37	2.65
2018 Average	2.06	12.97	16.16	2.54	9.68	3.55	2.83
2019 Average	2.02	12.66	15.19	1.91	9.07	2.89	2.50
2020 Average	1.92	9.09	10.73	1.70	5.98	2.40	2.22
2021 Average	1.98	13.70	15.89	3.16	10.08	5.20	3.82
2022 January	2.20	15.49	20.10	4.32	13.85	6.56	4.74
February	2.17	16.49	20.79	4.24	14.29	6.00	4.32
March	2.15	20.33	25.68	4.84	14.61	5.10	3.75
April	2.18	25.06	28.32	4.80	16.05	6.21	4.40
May	2.23	26.15	30.12	4.97	16.38	7.57	5.25
June	2.32	26.30	33.02	4.50	20.01	8.01	5.86
July	2.47	30.36	27.38	4.65	19.30	7.53	5.78
August	2.51	25.72	26.90	5.02	16.86	9.00	6.54
September	2.51	23.76	25.57	2.32	17.20	8.15	5.81
October	2.46	21.76	27.81	3.37	17.08	5.80	4.37
November	2.48	23.74	29.28	3.84	16.75	5.71	4.38
December	2.65	19.86	23.17	4.19	16.72	8.92	6.38
Average	2.36	22.48	25.64	4.35	16.53	7.21	5.22
2023 January	2.60	19.41	24.14	4.54	17.17	7.07	5.19
February	2.60	18.61	22.91	4.80	15.76	4.39	3.71
March	2.51	19.92	21.39	4.66	14.13	3.35	3.05
April	2.48	18.77	20.78	4.70	13.42	2.69	2.69
May	2.52	18.11	19.90	3.14	15.49	2.54	2.61
June	2.47	16.78	19.08	3.48	14.81	2.58	2.60
July	2.49	16.70	19.61	3.62	14.02	2.97	2.86
August	2.50	18.68	22.78	3.39	15.71	2.92	2.82
September	2.54	22.05	23.92	3.76	16.85	2.86	2.82
October	2.54	21.49	23.96	3.84	17.51	2.93	2.86
November	2.52	20.77	21.53	3.60	16.21	3.38	3.11
December	2.49	20.18	18.19	3.39	14.52	3.27	3.06
Average	2.52	19.28	21.64	4.05	15.49	3.36	3.11
2024 January	2.49	18.22	19.73	2.65	17.56	4.80	4.02
February	2.49	18.94	20.82	2.63	16.51	2.88	2.80
March	2.51	19.67	20.66	2.63	17.34	2.18	2.38
April	2.54	19.24	20.71	2.62	17.12	2.05	2.32
May	2.57	18.81	19.32	2.86	14.96	2.26	2.45
June	2.52	17.68	18.36	3.11	12.66	2.69	2.69
6-Month Average	2.52	18.76	19.78	2.85	15.92	2.86	2.81
2022 6-Month Average	2.53	18.64	21.97	4.44	15.31	3.75	3.32
2021 6-Month Average	2.21	20.98	25.03	4.65	15.74	6.69	4.77

^a Prices are not adjusted for inflation. See "Nominal Dollars" in Glossary.

^b For 1973–2001, electric utility data are for heavy oil (fuel oil nos. 5 and 6, and small amounts of fuel oil no. 4).

^c For 1973–2001, electric utility data are for light oil (fuel oil nos. 1 and 2).

^d For all years, includes residual fuel oil and distillate fuel oil. For 1990 forward, also includes petroleum coke. For 1973–2012, also includes jet fuel, kerosene, and waste oil. For 1983–2012, also includes other petroleum, such as propane and refined motor oil.

^e Natural gas, plus a small amount of supplemental gaseous fuels. For 1973–2000, data also include a small amount of blast furnace gas and other gases derived from fossil fuels.

^f Weighted average of costs shown under "Coal," "Petroleum," and "Natural Gas."

^g Through 2001, data are for electric utilities only. Beginning in 2002, data also include independent power producers, and electric generating plants in the

commercial and industrial sectors.

NA=Not available.

Notes: • Receipts are purchases of fuel. • Yearly costs are averages of monthly values, weighted by quantities in Btu. • For this table, there are several breaks in the data series related to what plants and fuels are covered. Beginning in 2013, data cover all regulated generating plants; plus unregulated plants whose total fossil-fueled nameplate generating capacity is 50 megawatts or more for coal, and 200 megawatts or more for natural gas, residual fuel oil, distillate fuel oil, and petroleum coke. For data coverage before 2013, see EIA, *Electric Power Monthly*, Appendix C, Form EIA-923 notes, "Receipts and cost and quality of fossil fuels" section. • Geographic coverage is the 50 states and the District of Columbia.

Web Page: See <http://www.eia.gov/totalenergy/data/monthly/#prices> (Excel and CSV files) for all available annual and monthly data beginning in 1973.

Sources: See end of section.