

Table 8.2. Average Power Plant Operating Expenses for Major U.S. Investor-Owned Electric Utilities, 1999 through 2010
(Mills per Kilowatthour)

Plant Type	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999
Operation												
Nuclear	10.50	10	9.89	9.54	9.03	8.26	8.97	9.12	9	8.44	6.03	8.17
Fossil Steam	4.04	4.23	3.72	3.63	3.57	3.21	3.13	2.74	2.59	2.47	2.17	2.16
Hydroelectric[1]	5.33	4.88	5.78	5.44	3.76	3.95	3.83	3.47	3.71	4.27	3.52	3.35
Gas Turbine and Small	2.79	3.05	3.77	3.26	3.51	3.69	4.27	3.5	3.26	3.65	3.93	5.01
Maintenance												
Nuclear	6.80	6.34	6.2	5.79	5.69	5.27	5.38	5.23	5.04	5.02	4.96	5.01
Fossil Steam	3.99	3.96	3.59	3.37	3.19	2.98	2.96	2.72	2.67	2.61	2.42	2.46
Hydroelectric[1]	3.81	3.5	3.89	3.87	2.7	2.73	2.76	2.32	2.62	2.89	2.22	2.03
Gas Turbine and Small	2.73	2.58	2.72	2.42	2.16	1.89	2.14	2.26	2.38	3.33	3.26	4.78
Fuel												
Nuclear	6.68	5.35	5.29	4.99	4.85	4.63	4.58	4.6	4.6	4.67	4.9	5.16
Fossil Steam	27.73	32.3	28.43	23.88	23.09	21.69	18.21	17.29	16.09	18.15	17.73	15.5
Hydroelectric[1]	--	--	--	--	--	--	--	--	--	--	--	--
Gas Turbine and Small	43.21	51.93	64.23	58.75	53.89	55.52	45.18	43.89	31.84	43.55	41.76	27.95
Total												
Nuclear	23.98	21.69	21.37	20.32	19.57	18.15	18.93	18.95	18.65	18.13	15.89	18.35
Fossil Steam	35.76	40.48	35.75	30.88	29.85	27.88	24.31	22.75	21.36	23.23	22.32	20.12
Hydroelectric[1]	9.15	8.38	9.67	9.32	6.46	6.68	6.6	5.79	6.33	7.16	5.74	5.38
Gas Turbine and Small	48.74	57.55	70.72	64.43	59.56	61.1	51.59	49.66	37.47	50.53	48.94	37.74

[1] Conventional hydro and pumped storage.

[2] Gas turbine, internal combustion, photovoltaic, and wind plants.

Notes: • Expenses are average expenses weighted by net generation. • A mill is a monetary cost and billing unit equal to 1/1000 of the U.S. dollar (equivalent to 1/10 of one cent). • Totals may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission, FERC Form 1, "Annual Report of Major Electric Utilities, Licensees and Others via Ventyx Global Energy Velocity Suite."