

**B.5. Price of Fuel**

Since coal, oil, or natural gas may be burned to produce the steam required for steam electric generation, and since many plants are set up to use more than one type of fuel, prices were taken on a per-Btu basis. These were available by state from [4, p. 49], and the state figures were assigned to individual utilities in the same manner as wage rates.

**APPENDIX C****Names of Firms and Corresponding Costs, Output, Wage Rate, Fuel Price, and Capital Price in 1955**

Firms used in the analysis are listed here in order of ascending output (measured in billions of kilowatt-hours). They are divided into 5 groups containing 29 observations each. These appear on pp. 193-197 following.

*(References appear on p. 198, following this Appendix.)*

Group A		Production Costs (million \$)	Output (billion kwh)	Wage Rate (\$/hr)	Fuel Price (\$/million Btu)	Capital Price (index)
1.	California Pacific Utilities Co.	0.082	002	2.09	17.9	183
2.	Brockton Edison Co.	0.661	003	2.05	35.1	174
3.	Essex Country Elec. Co.	0.990	004	2.05	35.1	171
4.	The Montana Power Co.	0.315	004	1.83	32.2	166
5.	Upper Peninsula Power Co.	0.197	005	2.12	28.6	233
6.	Alpena Power Co.	0.098	009	2.12	28.6	195
7.	Blackstone Valley Gas and Elec. Co.	0.949	011	1.98	35.5	206
8.	Lawrence Electric Co.	0.675	013	2.05	35.1	150
9.	Wisconsin-Michigan Power Co.	0.525	013	2.19	29.1	155
10.	Cheyenne Light, Fuel and Power Co.	0.501	022	1.72	15.0	188
11.	Portland General Elec. Co.	1.194	025	2.09	17.9	170
12.	New Hampshire Elec. Co.	0.670	025	1.68	39.7	167
13.	Southern Utah Power Co.	0.349	035	1.81	22.6	213
14.	Mt. Carmel Public Utility Co.	0.423	039	2.30	23.6	164
15.	Bangor Hydro-elec. Co.	0.501	043	1.75	42.8	170
16.	Community Public Service Co.	0.550	063	1.76	10.3	161
17.	New Port Elec. Corp.	0.795	068	1.98	35.5	210
18.	Mississippi Valley Public Service Co.	0.664	081	2.29	28.5	158
19.	Superior Water Light and Power Co.	0.705	084	2.19	29.1	156
20.	Maine Public Service Co.	0.903	073	1.75	42.8	176
21.	Housatonic Public Service Co.	1.504	099	2.20	36.2	170
22.	Northwestern Public Service Co.	1.615	101	1.66	33.4	192
23.	Missouri Utilities Co.	1.127	119	1.92	22.5	164
24.	The Western Colorado Power Co.	0.718	120	1.77	21.3	175
25.	Pacific Power and Light Co.	2.414	122	2.09	17.9	180
26.	Green Mountain Power Co.	1.130	130	1.82	38.9	176
27.	The Central Kansas Power Co.	0.992	138	1.80	20.2	202
28.	Arkansas Missouri Power Co.	1.554	149	1.92	22.5	227
29.	Northern Virginia Power Co.	1.225	196	1.92	29.1	186

Group B		Production Costs (million \$)	Output (billion kwh)	Wage Rate (\$/hr)	Fuel Price (¢/million Btu)	Capital Price (index)
1.	Lake Superior District Power Co.	1,565	197	2.19	29.1	183
2.	Missouri Public Service Co.	1,936	209	1.92	22.5	169
3.	Montana-Dakota Utilities Co.	3,154	214	1.52	27.5	168
4.	Missouri Power and Light Co.	2,599	220	1.92	22.5	164
5.	The Connecticut Power Co.	3,298	234	2.20	36.2	164
6.	The United Gas Improvements Co.	2,441	235	2.11	24.4	170
7.	St. Joseph Light and Power Co.	2,031	253	1.92	22.5	158
8.	Worcester County Elec. Co.	4,666	279	2.05	35.1	177
9.	Black Hills Power and Light Co.	1,834	290	1.66	33.4	195
10.	Western Light and Telephone Co. Inc.	2,072	290	1.80	20.2	176
11.	Southern Colorado Power Co.	2,039	295	1.77	21.3	188
12.	Iowa Southern Utilities Co.	3,398	299	1.70	26.9	187
13.	Cambridge Elec. Light Co.	3,083	324	2.05	35.1	152
14.	Northern States Power Co.	2,344	333	2.19	29.1	157
15.	The Tucson Gas, Elec., Light and Power Co.	2,382	338	1.85	24.6	163
16.	Madison Gas and Elec. Co.	2,657	353	2.19	29.1	143
17.	Central Louisiana Elec. Co.	1,705	353	2.13	10.7	167
18.	Savannah Elec. and Power Co.	3,230	416	1.54	26.2	217
19.	Otter Tail Power Co.	5,049	420	1.52	27.5	144
20.	The Eastern Shore Public Service Co. of Maryland	3,814	456	2.09	30.0	178
21.	Central Maine Power Co.	4,580	484	1.75	42.8	176
22.	Central Illinois Elec. and Gas Co.	4,358	516	2.30	23.6	167
23.	New Bedford Gas and Edison Light Co.	4,714	550	2.05	35.1	158
24.	New Jersey Power and Light Co.	4,357	563	2.32	31.9	162
25.	Rockland Light and Power Co.	3,919	566	2.31	33.5	198
26.	The Empire District Elec. Co.	3,442	592	1.92	22.5	164
27.	Western Massachusetts Elec. Co.	4,898	671	2.05	35.1	164
28.	El Paso Elec. Co.	3,584	696	1.76	10.3	161
29.	Interstate Power Co.	5,535	719	1.70	26.9	174

Group C		Production Costs (million \$)	Output (billion kwh)	Wage Rate (\$/hr)	Fuel Price (¢/million Btu)	Capital Price (index)
1.	Southern Indiana Gas and Elec. Co.	4.406	742	2.04	20.7	157
2.	California Elec. Power Co.	4.289	795	2.24	26.5	185
3.	Iowa Public Service Co.	6.731	800	1.70	26.9	157
4.	Public Service Co. of New Hampshire	6.895	808	1.68	39.7	203
5.	Minnesota Power and Light Co.	5.112	811	2.29	28.5	178
6.	Gulf Power Co.	5.141	855	2.00	34.3	183
7.	Central Hudson Gas and Elec. Corp.	5.720	860	2.31	33.5	168
8.	Mississippi Power Co.	4.691	909	1.45	17.6	196
9.	Iowa-Illinois Gas and Elec. Co.	6.832	913	1.70	26.9	166
10.	West Texas Utilities Co.	4.813	924	1.76	10.3	172
11.	Iowa Elec. Light and Power Co.	6.754	984	1.70	26.9	158
12.	The Potomac Edison Co.	5.127	991	2.09	30.0	174
13.	South Carolina Elec. and Gas Co.	6.388	1000	1.55	28.2	225
14.	Pennsylvania Power Co.	4.509	1098	2.11	24.4	168
15.	Montana Elec. Co.	7.185	1109	2.05	35.1	177
16.	Central Illinois Light Co.	6.800	1118	2.30	23.6	161
17.	Wisconsin Public Service Corp.	7.743	1122	2.19	29.1	162
18.	Northern Indiana Public Service Co.	7.968	1137	2.04	20.7	158
19.	Rochester Gas and Elec. Corp.	8.858	1156	2.31	33.5	176
20.	Iowa Power and Light Co.	8.588	1166	1.70	26.9	183
21.	New England Power Co.	6.449	1170	2.05	35.1	166
22.	Wisconsin Power and Light Co.	8.488	1215	2.19	29.1	164
23.	Tampa Elec. Co.	8.877	1279	2.00	34.3	207
24.	Atlantic City Elec. Co.	10.274	1291	2.32	31.9	175
25.	South Carolina Generating Co.	6.024	1290	1.55	28.2	225
26.	Delaware Power and Light Co.	8.258	1331	2.13	30.0	178
27.	The United Illuminating Co.	13.376	1373	2.20	36.2	157
28.	The Hartford Elec. Light Co.	10.690	1420	2.20	36.2	138
29.	Arizona Public Service Co.	8.308	1474	1.85	24.6	163

Group D		Production Costs (million \$)	Output (billion kwh)	Wage Rate (\$/hr)	Fuel Price (¢/million Btu)	Capital Price (index)
1.	Southwestern Gas and Elec. Co.	6.082	1497	1.76	10.3	168
2.	The Kansas Power and Light Co.	9.284	1545	1.80	20.2	158
3.	Jersey Central Power and Light Co.	10.879	1649	2.32	31.9	177
4.	Kansas Gas and Elec. Co.	8.477	1668	1.80	20.2	170
5.	Louisiana Power and Light Co.	6.877	1782	2.13	10.7	183
6.	The Narragansett Elec. Co.	15.106	1831	1.98	35.5	162
7.	Central Power and Light Co.	8.031	1833	1.76	10.3	177
8.	Mississippi Power and Light Co.	8.082	1838	1.45	17.6	196
9.	San Diego Gas and Elec. Co.	10.866	1787	2.24	26.5	164
10.	Public Service Co. of Oklahoma	8.596	1918	1.69	12.9	158
11.	Utah Power and Light Co.	8.673	1930	1.81	22.6	157
12.	Metropolitan Edison Co.	15.437	2028	2.11	24.4	163
13.	Dallas Power and Light Co.	8.211	2057	1.76	10.3	161
14.	Public Service Co. of Colorado	11.982	2084	1.77	21.3	156
15.	Florida Power Corp.	16.674	2226	2.00	34.3	217
16.	Central Illinois Public Service Co.	12.620	2304	2.30	23.6	161
17.	Indianapolis Power and Light Co.	12.905	2341	2.04	20.7	183
18.	Oklahoma Gas and Elec. Co.	11.615	2353	1.69	12.9	167
19.	Texas Power and Light Co.	9.321	2367	1.76	10.3	161
20.	Chicago District Elec. Generating Corp.	12.962	2451	2.04	20.7	163
21.	The Connecticut Light and Power Co.	16.932	2457	2.20	36.2	170
22.	Gulf States Utilities Co.	9.648	2507	1.76	10.3	174
23.	New York State Elec. and Gas Corp.	18.350	2530	2.31	33.5	197
24.	Kansas City Power and Light Co.	17.333	2576	1.92	22.5	162
25.	Southwestern Public Service Co.	12.015	2607	1.76	10.3	155
26.	Texas Elec. Service Co.	11.320	2870	1.76	10.3	167
27.	Long Island Lighting Co.	22.337	2993	2.31	33.5	176
28.	Illinois Power Co.	19.035	3202	2.30	23.6	170
29.	Monongahela Power Co.	12.205	3286	1.61	17.8	183