

Cost and Quality of Fuels for Electric Utility Plants 1997 Tables

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Office of Coal, Nuclear, Electric and Alternate Fuels
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Contacts

The annual publication *Cost and Quality of Fuels for Electric Utility Plants (C&Q)* is no longer published by the EIA. The tables presented in this document are intended to replace that annual publication. Questions regarding the availability of these data should be directed to:

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Preface

Background

The *C&Q Tables* are prepared by the Electric Power Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA); U.S. Department of Energy. These tables provide comprehensive information concerning the quality, quantity, and cost of fossil fuels used to produce electricity in the United States.

Coverage of Sources

The information contained in the tables is compiled from data reported on the FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." The FERC Form 423 is a monthly survey of a restricted census that collects data from steam-electric and combined-cycle plants with a total generator nameplate capacity of 50 or more megawatts (approx-

mately 700 power plants operated by 230 electric utilities). Data on gas-turbines and internal combustion units are not collected on this survey, nor is their generating capacity used to determine the 50-megawatt threshold for reporting that was set by the FERC.

Fuel receipts reported on the FERC Form 423 include over 99 percent of coal and approximately 90 to 95 percent of petroleum and gas delivered to electric utilities. The percent of coverage is lower for petroleum and gas because the survey does not collect data on fuel received for use in gas-turbines or internal combustion units. Power plants that report on the FERC Form 423 represent approximately 90 percent of all electric utility fossil-fuel generating capacity in the United States. The geographic coverage of the survey includes the contiguous United States, Alaska, Hawaii, and the District of Columbia. Data on non-utility power plants are not collected on this survey.

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Table ES3. Average Quality of Coal by State of Origin, 1996-1997

State of Origin	Btu (per pound)		Sulfur (percent by weight)		Sulfur (pounds per MM Btu)		Ash (percent by weight)	
	1997	1996	1997	1996	1997	1996	1997	1996
Alabama	12,275	12,319	1.13	1.13	0.92	0.92	12.35	12.01
Arizona	10,940	10,948	.53	.52	.49	.48	9.69	9.61
Colorado	10,894	10,988	.45	.46	.41	.42	8.56	8.24
Illinois.....	11,261	11,322	2.30	2.29	2.04	2.03	8.98	8.75
Indiana.....	11,060	11,087	2.30	2.43	2.08	2.19	9.36	9.35
Kansas	11,264	12,054	3.81	2.59	3.38	2.15	17.17	10.20
Kentucky	12,179	12,200	1.67	1.65	1.37	1.35	10.49	10.19
Louisiana	6,861	6,954	1.10	.96	1.60	1.38	12.05	12.16
Maryland	12,457	12,594	1.65	1.55	1.32	1.23	14.04	12.49
Missouri.....	10,881	11,053	3.60	3.73	3.31	3.37	15.34	14.56
Montana.....	9,015	9,094	.54	.51	.60	.57	6.71	6.46
New Mexico.....	9,354	9,401	.71	.71	.75	.75	19.68	19.86
North Dakota.....	6,550	6,593	.77	.72	1.17	1.09	9.40	9.33
Ohio.....	11,819	11,819	3.52	3.56	2.98	3.01	10.77	10.76
Oklahoma	12,544	13,064	3.03	3.11	2.42	2.38	9.73	7.00
Pennsylvania.....	12,536	12,530	1.82	1.79	1.45	1.43	11.55	11.52
Tennessee.....	12,531	12,504	1.15	1.24	.91	.99	10.45	10.51
Texas	6,417	6,434	1.07	1.00	1.66	1.56	15.92	15.71
Utah	11,548	11,641	.49	.47	.42	.40	10.39	10.15
Virginia.....	12,849	12,818	1.08	1.05	.84	.82	10.26	10.17
Washington.....	7,931	7,895	.64	.71	.81	.91	14.48	15.48
West Virginia.....	12,385	12,419	1.48	1.47	1.19	1.19	11.44	11.10
Wyoming.....	8,666	8,650	.35	.35	.40	.40	5.29	5.38
Subtotal	10,266	10,254	1.11	1.10	1.09	1.07	9.38	9.23
Imported	11,848	11,797	.68	.63	.57	.53	5.81	5.77
Total.....	10,275	10,263	1.11	1.10	1.08	1.07	9.36	9.22

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table ES4. Receipts of Coal by Rank, 1993-1997

Rank	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per Million Btu)	Ash (percent by weight)	(cents per Million Btu)	(dollars per short ton)
1997							
Anthracite ¹	751	7,511	0.53	0.71	36.7	102.5	15.39
Bituminous	466,104	12,017	1.65	1.38	10.5	135.0	32.45
Subbituminous.....	336,805	8,737	.40	.45	6.7	118.5	20.71
Lignite	76,928	6,478	.98	1.51	13.8	92.6	12.00
Total.....	880,588	10,275	1.11	1.08	9.36	127.3	26.16
1996							
Anthracite ¹	735	7,180	.52	.73	37.7	110.0	15.79
Bituminous	454,814	12,027	1.64	1.37	10.3	136.6	32.86
Subbituminous.....	328,874	8,724	.39	.45	6.6	120.4	21.02
Lignite	78,278	6,503	.92	1.41	13.6	93.6	12.17
Total.....	862,701	10,263	1.10	1.07	9.22	128.9	26.45
1995							
Anthracite ¹	857	7,286	.53	.72	37.4	101.2	14.74
Bituminous	432,586	12,063	1.60	1.33	10.2	140.3	33.85
Subbituminous.....	316,195	8,710	.39	.45	6.7	122.3	21.31
Lignite	77,222	6,407	.99	1.54	14.0	94.9	12.16
Total.....	826,860	10,248	1.08	1.05	9.23	131.8	27.01
1994							
Anthracite ¹	689	7,340	.56	.77	36.8	101.4	14.89
Bituminous	456,733	12,056	1.69	1.41	10.1	144.7	34.89
Subbituminous.....	295,752	8,738	.41	.47	6.9	123.8	21.64
Lignite	78,756	6,409	.94	1.47	13.8	96.1	12.32
Total.....	831,929	10,338	1.17	1.13	9.36	135.5	28.03
1993							
Anthracite ¹	392	8,267	.69	.83	33.0	91.1	15.05
Bituminous	422,690	12,045	1.71	1.42	10.2	147.6	35.55
Subbituminous.....	265,180	8,763	.41	.47	7.0	126.5	22.17
Lignite	80,890	6,374	.94	1.48	14.4	103.9	13.25
Total.....	769,152	10,315	1.18	1.14	9.55	138.5	28.58

¹ Anthracite includes anthracite silt and culm delivered from off-site storage.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Fossil-Fuel Data at the Census Division and State Level

Table 1. Receipts of Coal by Census Division and State, 1993-1997

(Thousand Short Tons)

Census Division and State	1997	1996	1995	1994	1993
New England	7,125	6,947	6,072	6,245	5,417
Connecticut	952	931	841	863	740
Maine	—	—	—	—	—
Massachusetts	4,545	4,693	3,859	4,127	3,370
New Hampshire	1,628	1,324	1,372	1,255	1,306
Rhode Island	—	—	—	—	—
Vermont	—	—	—	—	—
Middle Atlantic	54,185	51,066	48,188	49,187	46,511
New Jersey	2,087	2,412	2,160	2,115	1,845
New York	8,277	7,896	7,575	8,244	7,448
Pennsylvania	43,821	40,759	38,453	38,828	37,219
East North Central	202,401	194,371	184,018	186,864	165,695
Illinois	40,750	37,441	33,905	32,936	28,091
Indiana	53,353	51,680	49,676	53,540	43,789
Michigan	32,145	30,177	31,214	31,435	27,865
Ohio	52,743	52,268	47,768	49,311	47,992
Wisconsin	23,410	22,804	21,456	19,641	17,958
West North Central	120,150	121,696	117,821	114,255	101,896
Iowa	16,675	18,116	18,095	17,005	15,767
Kansas	16,672	17,950	17,812	17,653	16,465
Minnesota	17,591	16,744	16,862	17,770	15,993
Missouri	33,553	33,718	30,819	27,250	19,217
Nebraska	10,638	10,275	10,063	8,894	8,699
North Dakota	23,087	23,586	22,294	23,366	23,603
South Dakota	1,934	1,307	1,877	2,317	2,152
South Atlantic	149,311	146,322	132,902	138,382	121,902
Delaware	1,682	1,745	1,720	2,284	2,008
District of Columbia	—	—	—	—	—
Florida	27,595	26,700	24,202	24,948	24,115
Georgia	28,346	28,870	28,490	28,761	23,327
Maryland	10,139	10,949	9,901	9,623	8,509
North Carolina	26,151	24,646	19,792	21,330	21,194
South Carolina	11,835	10,951	9,771	11,188	9,781
Virginia	11,930	11,024	8,624	9,270	8,937
West Virginia	31,633	31,438	30,402	30,978	24,031
East South Central	102,352	96,969	93,394	89,150	86,677
Alabama	30,378	29,510	28,131	27,160	25,897
Kentucky	39,550	38,383	36,891	36,301	34,979
Mississippi	6,043	5,428	4,271	4,299	3,310
Tennessee	26,381	23,649	24,100	21,389	22,491
West South Central	135,858	141,043	136,806	131,655	130,971
Arkansas	11,879	14,736	14,082	11,847	10,754
Louisiana	13,167	12,504	13,409	13,408	13,073
Oklahoma	18,378	19,571	19,713	17,191	16,433
Texas	92,435	94,232	89,602	89,210	90,710
Mountain	103,539	98,869	101,149	107,799	103,137
Arizona	16,788	15,027	15,762	18,427	18,383
Colorado	16,711	16,416	16,503	16,242	16,070
Idaho	—	—	—	—	—
Montana	9,160	7,877	9,313	10,310	8,849
Nevada	6,851	7,304	7,422	7,627	7,376
New Mexico	15,775	15,003	14,671	15,316	14,888
Utah	15,053	13,695	13,524	14,253	13,990
Wyoming	23,201	23,547	23,955	25,624	23,580
Pacific Contiguous	5,667	5,418	6,510	8,394	6,946
California	—	—	—	—	—
Oregon	875	838	1,200	2,223	1,621
Washington	4,792	4,580	5,310	6,171	5,324
Pacific Noncontiguous	—	—	—	—	—
Alaska	—	—	—	—	—
Hawaii	—	—	—	—	—
Total	880,588	862,701	826,860	831,929	769,152

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 2. Average Delivered Cost of Coal by Census Division and State, 1993-1997

Census Division and State	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993
	(cents per million Btu)					(dollars per short ton)				
New England	171.2	170.2	168.7	166.0	166.3	43.67	43.55	43.34	42.81	43.34
Connecticut	190.5	191.0	188.1	177.4	170.4	50.02	50.05	49.33	46.45	44.80
Maine	—	—	—	—	—	—	—	—	—	—
Massachusetts	169.9	168.8	167.9	167.8	167.5	42.72	42.64	42.63	43.00	43.39
New Hampshire	163.2	160.6	158.9	152.2	160.8	42.62	42.23	41.67	39.66	42.39
Rhode Island	—	—	—	—	—	—	—	—	—	—
Vermont	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	138.3	140.8	138.8	145.2	146.0	34.39	35.08	34.63	36.33	36.66
New Jersey	175.6	175.2	177.6	181.7	177.3	45.94	45.53	47.17	48.49	47.50
New York	142.4	142.8	141.2	145.2	149.6	37.32	37.15	36.86	37.63	38.63
Pennsylvania	135.5	138.2	138.2	143.1	143.6	33.28	34.06	33.48	35.39	35.73
East North Central	130.7	133.3	139.0	141.0	142.3	27.68	28.29	29.67	30.56	30.98
Illinois	155.4	162.7	163.4	160.6	170.4	30.41	32.14	32.58	32.69	35.30
Indiana	116.4	119.1	125.5	127.2	126.8	24.35	24.67	25.94	26.79	26.73
Michigan	136.9	139.7	144.9	150.6	152.8	28.93	29.34	30.95	32.90	33.17
Ohio	132.1	134.0	142.0	143.9	141.3	31.41	32.31	34.44	34.70	34.05
Wisconsin	109.0	106.0	113.5	120.9	121.0	20.43	19.55	21.23	23.13	22.96
West North Central	91.7	92.1	95.7	98.8	100.9	15.39	15.53	16.10	16.76	16.88
Iowa	93.7	94.1	98.7	99.0	101.2	16.23	16.30	17.13	17.39	17.53
Kansas	102.1	99.2	102.1	102.5	102.2	17.91	17.51	17.83	17.85	17.69
Minnesota	109.5	106.6	114.0	113.9	113.4	19.47	18.99	20.12	20.09	20.07
Missouri	93.4	95.5	98.4	110.1	123.8	16.80	17.31	18.14	21.39	24.40
Nebraska	58.5	71.9	74.8	76.5	75.5	10.06	12.37	12.86	13.11	12.92
North Dakota	77.8	73.7	73.3	70.4	71.4	10.21	9.72	9.65	9.28	9.38
South Dakota	92.0	93.7	102.9	108.3	109.8	15.99	16.94	14.35	13.10	13.30
South Atlantic¹	147.6	149.3	155.2	159.9	163.7	36.34	36.68	38.25	39.53	40.80
Delaware	157.1	159.4	161.5	162.0	169.0	41.05	41.51	42.27	41.98	44.02
District of Columbia	—	—	—	—	—	—	—	—	—	—
Florida ¹	172.5	173.9	178.6	177.8	176.7	41.82	42.40	43.93	43.71	43.58
Georgia	158.6	157.8	166.8	169.1	178.2	37.28	36.54	38.62	39.82	43.29
Maryland	150.0	149.4	150.4	155.3	159.9	38.75	38.49	39.00	39.84	40.78
North Carolina	142.9	148.4	162.8	168.2	169.9	35.35	36.87	40.57	41.77	42.36
South Carolina	144.7	147.1	151.2	156.0	156.9	37.21	37.54	38.86	39.84	40.17
Virginia	139.3	141.8	144.8	145.0	146.6	34.98	35.73	36.90	37.05	37.57
West Virginia	123.7	124.9	127.3	139.2	141.8	30.68	30.93	31.61	34.70	35.42
East South Central¹	123.9	125.3	127.4	136.2	138.9	28.70	29.35	30.08	32.43	33.30
Alabama ¹	153.6	154.3	156.0	167.2	176.0	35.58	36.39	37.00	40.42	42.56
Kentucky ¹	104.6	105.9	110.6	116.2	116.7	24.20	24.43	25.71	27.16	27.29
Mississippi	154.7	151.1	153.3	157.1	164.2	32.44	33.31	34.40	35.54	40.51
Tennessee ¹	112.5	114.6	115.2	125.6	126.1	26.67	27.64	27.94	30.61	30.94
West South Central	126.7	129.1	133.6	134.8	144.8	19.69	20.13	20.66	20.79	22.14
Arkansas	164.0	150.3	161.1	160.3	170.2	28.56	26.15	27.99	27.91	29.50
Louisiana	147.9	151.4	154.9	153.9	158.5	23.97	24.74	25.13	25.04	25.65
Oklahoma	91.8	97.6	99.4	102.0	123.6	15.87	16.79	17.00	17.50	21.32
Texas	125.9	129.5	133.7	135.0	143.5	18.69	19.26	19.65	19.84	20.91
Mountain	110.7	112.0	110.4	111.9	113.4	21.52	21.82	21.51	21.83	22.11
Arizona	142.5	144.4	139.4	137.4	135.2	28.95	29.55	28.65	28.26	27.78
Colorado	100.9	102.6	104.8	105.6	109.2	19.93	20.24	20.73	21.01	21.59
Idaho	—	—	—	—	—	—	—	—	—	—
Montana	68.3	70.5	67.3	69.3	69.3	11.52	11.90	11.47	11.79	11.78
Nevada	139.2	136.6	131.0	143.3	146.8	31.10	30.44	29.02	32.37	32.34
New Mexico	133.6	142.8	141.7	140.9	136.8	24.23	26.04	25.59	25.48	24.61
Utah	111.3	107.1	109.4	113.6	119.0	25.22	24.66	25.27	26.10	27.34
Wyoming	80.6	82.0	81.8	80.3	79.9	14.16	14.30	14.29	14.09	14.03
Pacific Contiguous	154.5	148.5	136.2	128.4	130.1	25.19	23.96	22.83	21.93	21.55
California	—	—	—	—	—	—	—	—	—	—
Oregon	113.9	107.1	105.8	107.3	112.2	19.95	18.81	18.79	19.18	19.75
Washington	162.6	156.9	143.6	136.5	136.0	26.15	24.91	23.74	22.93	22.09
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—	—
Alaska	—	—	—	—	—	—	—	—	—	—
Hawaii	—	—	—	—	—	—	—	—	—	—
Total	127.3	128.9	131.8	135.5	138.5	26.16	26.45	27.01	28.03	28.58

¹ The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 3, 4, 5, and 6 at the end of Table 31.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 3. Receipts and Average Delivered Cost of Coal by Type of Purchase, Mine Type, Census Division and State, 1997

Census Division and State	Type of Purchase						Mine Type					
	Contract			Spot			Surface			Underground		
	Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost	
		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)
New England	5,889	171.4	43.69	1,236	170.1	43.57	1,883	166.4	41.04	5,242	172.8	44.62
Connecticut.....	870	192.0	50.36	82	174.7	46.46	35	169.6	45.41	917	191.3	50.20
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	4,024	169.1	42.41	521	176.3	45.13	1,580	166.6	41.00	2,966	171.6	43.64
New Hampshire.....	995	162.6	43.07	633	164.3	41.91	269	164.9	40.69	1,359	162.9	43.00
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	41,691	142.5	35.68	12,494	123.8	30.06	17,619	126.8	30.45	36,566	143.5	36.28
New Jersey.....	1,882	176.7	46.77	205	163.6	38.36	862	174.7	43.43	1,225	176.2	47.71
New York.....	7,354	140.3	36.82	923	159.4	41.31	229	151.6	38.12	8,049	142.1	37.30
Pennsylvania.....	32,455	140.9	34.78	11,366	120.0	29.00	16,529	123.9	29.67	27,292	142.3	35.47
East North Central	151,908	137.5	28.58	50,493	111.9	24.99	142,705	129.1	25.90	59,695	134.0	31.95
Illinois.....	33,873	164.1	31.77	6,877	115.3	23.70	25,419	169.0	30.84	15,331	136.6	29.69
Indiana.....	38,206	123.4	25.45	15,147	99.6	21.58	45,489	112.6	22.99	7,864	135.0	32.22
Michigan.....	25,217	138.3	28.69	6,928	132.2	29.83	25,616	137.8	27.49	6,529	134.2	34.60
Ohio.....	35,463	143.3	34.22	17,280	108.7	25.65	26,215	133.1	30.89	26,528	131.1	31.93
Wisconsin.....	19,149	103.3	18.59	4,261	129.5	28.70	19,967	100.4	17.65	3,443	143.3	36.52
West North Central	107,439	92.2	15.39	12,711	87.4	15.42	116,264	90.1	14.94	3,886	126.6	28.86
Iowa.....	13,739	94.3	16.31	2,936	90.9	15.82	15,529	90.8	15.39	1,146	122.4	27.49
Kansas.....	16,606	102.2	17.92	66	74.2	13.38	15,755	100.3	17.29	917	126.2	28.54
Minnesota.....	17,156	109.2	19.41	435	120.1	21.97	17,477	109.0	19.35	114	163.1	38.74
Missouri.....	26,850	94.0	16.93	6,703	91.2	16.27	31,889	91.1	16.14	1,664	127.4	29.41
Nebraska.....	8,277	56.1	9.61	2,360	66.9	11.63	10,593	58.2	9.99	45	116.0	25.16
North Dakota.....	22,876	77.8	10.19	210	80.0	12.16	23,087	77.8	10.21	—	—	—
South Dakota.....	1,934	92.0	15.99	—	—	—	1,934	92.0	15.99	—	—	—
South Atlantic ¹	108,150	148.5	37.05	41,161	145.1	34.46	63,680	147.5	35.44	85,632	147.6	37.00
Delaware.....	1,482	157.7	41.30	200	153.1	39.25	456	166.6	42.13	1,227	153.8	40.65
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida ¹	17,843	179.1	43.71	9,752	160.3	38.35	10,301	167.9	39.53	17,294	175.1	43.18
Georgia.....	15,532	166.2	41.86	12,813	147.7	31.72	17,180	147.7	33.18	11,166	173.4	43.58
Maryland.....	7,464	148.4	38.20	2,675	154.6	40.26	4,116	148.1	37.60	6,024	151.3	39.53
North Carolina.....	19,208	146.5	36.20	6,943	133.1	33.00	11,582	140.1	34.58	14,569	145.2	35.97
South Carolina.....	8,776	145.2	37.44	3,059	143.5	36.54	3,746	152.5	38.67	8,089	141.2	36.53
Virginia.....	8,661	139.4	34.96	3,269	139.1	35.05	4,971	141.8	35.67	6,959	137.5	34.49
West Virginia.....	29,184	125.1	30.96	2,449	108.1	27.34	11,328	136.9	33.79	20,305	116.4	28.94
East South Central ¹	76,191	127.5	29.35	26,161	113.6	26.81	44,197	118.0	26.21	58,155	128.1	30.59
Alabama ¹	25,996	158.1	36.41	4,382	127.9	30.68	12,882	135.3	29.06	17,496	165.4	40.39
Kentucky ¹	26,608	103.7	23.70	12,942	106.4	25.25	21,880	106.3	24.70	17,670	102.5	23.59
Mississippi.....	5,087	156.3	32.34	956	146.6	32.96	3,788	145.2	27.61	2,255	167.2	40.54
Tennessee ¹	18,499	111.9	26.74	7,881	113.8	26.49	5,647	111.5	24.65	20,734	112.7	27.22
West South Central	128,492	126.7	19.50	7,366	127.7	22.89	135,858	126.7	19.69	—	—	—
Arkansas.....	11,079	167.3	29.16	800	117.3	20.19	11,879	164.0	28.56	—	—	—
Louisiana.....	13,167	147.9	23.97	—	—	—	13,167	147.9	23.97	—	—	—
Oklahoma.....	18,303	91.7	15.85	75	116.3	20.94	18,378	91.8	15.87	—	—	—
Texas.....	85,944	125.6	18.35	6,491	129.0	23.25	92,435	125.9	18.69	—	—	—
Mountain	97,172	111.5	21.62	6,367	98.8	20.01	82,875	109.3	20.36	20,664	115.1	26.16
Arizona.....	14,313	146.6	30.09	2,475	117.0	22.33	16,788	142.5	28.95	—	—	—
Colorado.....	15,182	102.8	20.32	1,529	82.0	16.09	13,328	98.8	18.80	3,384	108.2	24.39
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	9,160	68.3	11.52	—	—	—	9,160	68.3	11.52	—	—	—
Nevada.....	6,151	142.3	31.51	699	114.4	27.44	4,416	134.0	29.29	2,435	148.1	34.37
New Mexico.....	15,775	133.6	24.23	—	—	—	15,775	133.6	24.23	—	—	—
Utah.....	14,187	112.7	25.55	866	87.7	19.76	207	124.3	25.54	14,846	111.1	25.21
Wyoming.....	22,404	80.9	14.16	797	72.5	14.06	23,201	80.6	14.16	—	—	—
Pacific Contiguous	4,549	165.0	26.30	1,118	116.1	20.66	5,667	154.5	25.19	—	—	—
California.....	—	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	875	113.9	19.95	875	113.9	19.95	—	—	—
Washington.....	4,549	165.0	26.30	243	123.6	23.21	4,792	162.6	26.15	—	—	—
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
Total	721,482	128.7	25.93	159,106	121.4	27.19	610,748	121.2	22.87	269,840	137.9	33.61

¹ The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 3, 4, 5, and 6 at the end of Table 31.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 4. Receipts and Average Delivered Cost of Coal by Rank, Census Division, and State, 1997

Census Division and State	Bituminous ¹			Subbituminous			Lignite			Total		
	Receipts (1,000 short tons)	Heat Value (Btu per pound)	Cost (cents per MM Btu)	Receipts (1,000 short tons)	Heat Value (Btu per pound)	Cost (cents per MM Btu)	Receipts (1,000 short tons)	Heat Value (Btu per pound)	Cost (cents per MM Btu)	Receipts (1,000 short tons)	Heat Value (Btu per pound)	Cost (cents per MM Btu)
New England	7,125	12,756	171.2	—	—	—	—	—	—	7,125	12,756	171.2
Connecticut.....	952	13,132	190.5	—	—	—	—	—	—	952	13,132	190.5
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	4,545	12,571	169.9	—	—	—	—	—	—	4,545	12,571	169.9
New Hampshire.....	1,628	13,054	163.2	—	—	—	—	—	—	1,628	13,054	163.2
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	54,185	12,436	138.3	—	—	—	—	—	—	54,185	12,436	138.3
New Jersey.....	2,087	13,084	175.6	—	—	—	—	—	—	2,087	13,084	175.6
New York.....	8,277	13,105	142.4	—	—	—	—	—	—	8,277	13,105	142.4
Pennsylvania.....	43,821	12,279	135.5	—	—	—	—	—	—	43,821	12,279	135.5
East North Central	125,220	11,680	129.4	77,180	8,816	133.5	—	—	—	202,401	10,588	130.7
Illinois.....	19,565	10,874	131.8	21,184	8,772	182.6	—	—	—	40,750	9,781	155.4
Indiana.....	36,610	11,244	115.7	16,743	8,750	118.2	—	—	—	53,353	10,461	116.4
Michigan.....	13,224	12,664	145.0	18,921	9,101	129.0	—	—	—	32,145	10,566	136.9
Ohio.....	51,496	11,968	132.2	1,247	8,706	125.3	—	—	—	52,743	11,891	132.1
Wisconsin.....	4,326	12,581	144.7	19,085	8,648	97.1	—	—	—	23,410	9,375	109.0
West North Central	7,785	11,107	124.4	89,385	8,631	90.7	22,979	6,550	77.9	120,150	8,394	91.7
Iowa.....	1,439	11,159	122.3	15,236	8,427	90.1	—	—	—	16,675	8,662	93.7
Kansas.....	2,407	10,921	121.5	14,265	8,402	97.9	—	—	—	16,672	8,766	102.1
Minnesota.....	119	11,860	162.5	17,472	8,875	109.0	—	—	—	17,591	8,895	109.5
Missouri.....	3,786	11,184	125.9	29,767	8,716	88.1	—	—	—	33,553	8,994	93.4
Nebraska.....	34	10,832	118.3	10,603	8,588	58.3	—	—	—	10,638	8,595	58.5
North Dakota.....	—	—	—	107	8,483	65.0	22,979	6,550	77.9	23,087	6,559	77.8
South Dakota.....	—	—	—	1,934	8,687	92.0	—	—	—	1,934	8,687	92.0
South Atlantic ²	142,932	12,470	147.5	6,379	8,737	149.2	—	—	—	149,311	12,311	147.6
Delaware.....	1,682	13,062	157.1	—	—	—	—	—	—	1,682	13,062	157.1
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida ²	26,624	12,246	173.3	971	8,720	141.0	—	—	—	27,595	12,122	172.5
Georgia.....	22,977	12,460	159.9	5,369	8,739	150.4	—	—	—	28,346	11,755	158.6
Maryland.....	10,139	12,913	150.0	—	—	—	—	—	—	10,139	12,913	150.0
North Carolina.....	26,111	12,373	142.9	40	8,892	178.8	—	—	—	26,151	12,368	142.9
South Carolina.....	11,835	12,855	144.7	—	—	—	—	—	—	11,835	12,855	144.7
Virginia.....	11,930	12,554	139.3	—	—	—	—	—	—	11,930	12,554	139.3
West Virginia.....	31,633	12,398	123.7	—	—	—	—	—	—	31,633	12,398	123.7
East South Central ²	91,384	11,913	124.3	10,968	8,842	119.1	—	—	—	102,352	11,584	123.9
Alabama ²	25,127	12,210	159.5	5,251	8,592	113.4	—	—	—	30,378	11,584	153.6
Kentucky ²	39,320	11,587	104.6	230	8,766	92.7	—	—	—	39,550	11,571	104.6
Mississippi.....	2,536	12,167	165.3	3,507	9,270	144.6	—	—	—	6,043	10,486	154.7
Tennessee ²	24,400	12,107	113.8	1,980	8,753	89.2	—	—	—	26,381	11,855	112.5
West South Central	1,710	10,490	137.0	80,354	8,590	140.4	53,794	6,447	99.0	135,858	7,765	126.7
Arkansas.....	—	—	—	11,879	8,707	164.0	—	—	—	11,879	8,707	164.0
Louisiana.....	—	—	—	9,597	8,563	150.8	3,570	6,861	138.4	13,167	8,102	147.9
Oklahoma.....	94	12,669	120.7	18,283	8,620	91.6	—	—	—	18,378	8,641	91.8
Texas.....	1,616	10,363	138.1	40,595	8,549	153.1	50,224	6,417	96.0	92,435	7,423	125.9
Mountain	36,511	11,068	116.8	66,872	8,996	106.5	155	6,631	97.8	103,539	9,723	110.7
Arizona.....	5,701	10,943	117.7	11,087	9,756	156.8	—	—	—	16,788	10,159	142.5
Colorado.....	6,463	10,929	106.7	10,248	9,205	96.7	—	—	—	16,711	9,872	100.9
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	9,005	8,457	67.9	155	6,631	97.8	9,160	8,426	68.3
Nevada.....	6,834	11,172	139.3	17	9,858	95.3	—	—	—	6,851	11,169	139.2
New Mexico.....	—	—	—	15,775	9,069	133.6	—	—	—	15,775	9,069	133.6
Utah.....	14,881	11,342	111.2	171	10,261	123.6	—	—	—	15,053	11,330	111.3
Wyoming.....	2,632	9,855	113.2	20,569	8,650	75.8	—	—	—	23,201	8,787	80.6
Pacific Contiguous	1	10,616	154.0	5,666	8,153	154.5	—	—	—	5,667	8,153	154.5
California.....	—	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	875	8,757	113.9	—	—	—	875	8,757	113.9
Washington.....	1	10,616	154.0	4,791	8,042	162.6	—	—	—	4,792	8,043	162.6
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
Total	466,855	12,010	135.0	336,805	8,737	118.5	76,928	6,478	92.6	880,588	10,275	127.3

¹ Includes 751 thousand short tons of anthracite coal delivered to Pennsylvania.

² The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 3, 4, 5, and 6 at the end of Table 31.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 5. Receipts and Average Delivered Cost of Coal by Sulfur Content, Census Division, and State, 1997

Census Division and State	0.5% or Less			More than 0.5% up to 1.0%			More than 1.0% up to 1.5%		
	Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost	
		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)
New England	459	192.5	50.10	5,072	171.8	43.25	940	165.6	43.74
Connecticut.....	355	190.8	49.96	597	190.2	50.06	—	—	—
Maine.....	—	—	—	—	—	—	—	—	—
Massachusetts.....	63	202.9	52.94	4,201	169.7	42.48	220	166.3	44.11
New Hampshire.....	41	190.7	46.92	274	162.4	40.22	720	165.4	43.62
Rhode Island.....	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—
Middle Atlantic	154	111.3	16.93	5,911	162.2	39.56	4,368	140.8	36.40
New Jersey.....	—	—	—	1,505	174.4	46.19	—	—	—
New York.....	10	188.8	48.53	1,621	180.1	46.83	269	147.6	38.26
Pennsylvania.....	144	101.7	14.74	2,785	142.2	31.74	4,099	140.3	36.28
East North Central	75,332	132.3	23.54	44,090	143.4	33.45	16,283	130.4	30.30
Illinois.....	20,773	176.3	31.80	6,420	170.6	35.24	1,933	155.7	31.66
Indiana.....	17,245	118.2	20.83	3,471	155.5	37.42	8,242	126.6	28.26
Michigan.....	18,147	128.8	23.45	8,814	155.1	37.58	1,674	134.3	35.37
Ohio.....	1,415	121.2	21.33	22,477	131.8	31.52	3,180	120.8	30.11
Wisconsin.....	17,753	97.0	16.76	2,909	128.6	27.11	1,254	139.6	35.32
West North Central	78,298	90.5	15.71	35,550	89.5	13.48	3,398	105.6	18.04
Iowa.....	14,665	90.7	15.31	876	120.9	26.83	764	91.8	16.56
Kansas.....	16,076	101.9	17.69	41	130.0	27.04	—	—	—
Minnesota.....	10,398	108.1	19.35	7,080	110.4	19.36	90	161.1	38.24
Missouri.....	27,645	88.3	15.43	3,204	97.1	18.04	748	140.2	32.79
Nebraska.....	9,406	57.0	9.77	1,232	70.1	12.27	—	—	—
North Dakota.....	107	65.0	11.02	21,183	77.4	10.09	1,796	83.9	11.51
South Dakota.....	—	—	—	1,934	92.0	15.99	—	—	—
South Atlantic ¹	7,250	150.9	26.83	69,121	154.7	38.58	41,057	148.8	37.58
Delaware.....	4	151.3	32.71	1,035	166.2	43.06	597	143.0	37.88
District of Columbia.....	—	—	—	—	—	—	—	—	—
Florida ¹	1,779	151.6	28.03	8,504	178.9	44.60	7,522	180.7	45.46
Georgia.....	5,380	150.4	26.29	15,051	166.5	41.51	6,900	147.3	36.81
Maryland.....	—	—	—	4,877	144.3	36.76	2,868	158.4	41.39
North Carolina.....	69	168.4	35.37	18,526	145.1	35.90	7,536	137.4	34.02
South Carolina.....	9	154.8	39.49	2,357	156.1	39.98	7,849	141.2	36.36
Virginia.....	10	130.2	32.55	7,489	139.1	34.77	4,286	139.6	35.37
West Virginia.....	—	—	—	11,282	150.1	37.13	3,499	128.8	32.04
East South Central ¹	12,362	121.8	22.74	27,184	154.3	37.46	13,811	121.6	29.76
Alabama ¹	5,705	114.2	20.32	14,447	179.1	43.95	1,066	146.3	35.34
Kentucky ¹	1,364	125.4	28.22	8,970	121.2	29.45	5,856	111.3	26.78
Mississippi.....	3,498	144.9	26.95	956	192.5	47.05	1,530	148.9	35.89
Tennessee ¹	1,795	96.6	18.08	2,811	115.4	26.41	5,360	120.1	30.14
West South Central	91,959	138.5	23.12	14,168	101.5	13.58	24,506	93.6	12.42
Arkansas.....	11,856	164.1	28.58	23	104.6	18.16	—	—	—
Louisiana.....	9,597	150.8	25.82	1,245	126.8	17.33	2,325	144.6	19.88
Oklahoma.....	18,298	91.8	15.82	—	—	—	—	—	—
Texas.....	52,208	147.3	23.94	12,900	99.0	13.21	22,181	88.0	11.63
Mountain	48,362	107.3	21.21	55,145	113.8	21.79	32	74.2	15.83
Arizona.....	6,337	169.4	33.32	10,452	126.9	26.29	—	—	—
Colorado.....	15,513	101.8	19.91	1,166	91.8	20.32	32	74.2	15.83
Idaho.....	—	—	—	—	—	—	—	—	—
Montana.....	560	58.6	9.57	8,600	69.0	11.64	—	—	—
Nevada.....	3,440	149.4	33.28	3,411	129.0	28.89	—	—	—
New Mexico.....	—	—	—	15,775	133.6	24.23	—	—	—
Utah.....	11,843	107.0	23.95	3,210	126.0	29.89	—	—	—
Wyoming.....	10,670	57.6	9.60	12,531	98.3	18.04	—	—	—
Pacific Contiguous	1,240	118.0	21.11	4,427	166.0	26.33	—	—	—
California.....	—	—	—	—	—	—	—	—	—
Oregon.....	875	113.9	19.95	—	—	—	—	—	—
Washington.....	365	127.1	23.89	4,427	166.0	26.33	—	—	—
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—
Total	315,416	119.6	21.18	260,669	137.3	29.16	104,395	132.5	28.86

¹ The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 3, 4, 5, and 6 at the end of Table 31.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 5. Receipts and Average Delivered Cost of Coal by Sulfur Content, Census Division, and State, 1997 (Continued)

Census Division and State	More than 1.5% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			All Receipts Cost	
	Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		Receipts (1,000 short tons)	Cost		(cents per MM Btu)	(\$ per short ton)
		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		(cents per MM Btu)	(\$ per short ton)		
New England	425	164.5	43.36	229	151.2	40.44	—	—	—	171.2	43.67
Connecticut.....	—	—	—	—	—	—	—	—	—	190.5	50.02
Maine.....	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	61	165.1	43.56	—	—	—	—	—	—	169.9	42.72
New Hampshire.....	364	164.4	43.33	229	151.2	40.44	—	—	—	163.2	42.62
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	17,840	135.0	33.78	17,693	127.4	32.21	8,218	151.9	35.94	138.3	34.39
New Jersey.....	—	—	—	581	178.8	45.32	—	—	—	175.6	45.94
New York.....	2,644	135.3	35.49	3,629	130.6	34.40	104	131.2	34.14	142.4	37.32
Pennsylvania.....	15,196	135.0	33.48	13,483	124.2	31.05	8,114	152.1	35.96	135.5	33.28
East North Central	10,694	123.7	29.82	27,545	113.3	25.80	28,456	127.5	29.26	130.7	27.68
Illinois.....	413	102.6	21.33	6,648	109.4	23.63	4,564	127.3	27.43	155.4	30.41
Indiana.....	4,591	115.7	25.63	12,096	103.1	23.17	7,707	104.6	23.26	116.4	24.35
Michigan.....	2,756	124.8	32.74	211	135.9	31.72	544	121.4	31.41	136.9	28.93
Ohio.....	1,456	124.3	31.13	8,573	128.6	31.01	15,641	138.4	32.67	132.1	31.41
Wisconsin.....	1,477	146.6	38.48	18	143.2	36.79	—	—	—	109.0	20.43
West North Central	120	136.2	30.99	1,100	110.8	24.69	1,684	127.1	28.36	91.7	15.39
Iowa.....	97	128.5	28.96	185	118.3	26.36	89	113.8	24.95	93.7	16.23
Kansas.....	—	—	—	136	109.4	24.12	419	104.5	23.13	102.1	17.91
Minnesota.....	23	166.7	39.38	—	—	—	—	—	—	109.5	19.47
Missouri.....	—	—	—	779	109.2	24.39	1,176	136.1	30.48	93.4	16.80
Nebraska.....	—	—	—	—	—	—	—	—	—	58.5	10.06
North Dakota.....	—	—	—	—	—	—	—	—	—	77.8	10.21
South Dakota.....	—	—	—	—	—	—	—	—	—	92.0	15.99
South Atlantic ¹	12,005	132.5	33.21	7,471	155.7	37.52	12,406	111.8	27.62	147.6	36.34
Delaware.....	46	142.0	37.62	—	—	—	—	—	—	157.1	41.05
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—
Florida ¹	1,084	166.2	41.42	6,077	166.2	39.45	2,629	154.5	37.39	172.5	41.82
Georgia.....	992	148.3	36.01	22	136.9	35.52	—	—	—	158.6	37.28
Maryland.....	2,013	155.5	40.60	381	129.6	34.54	1	107.9	25.22	150.0	38.75
North Carolina.....	20	128.6	30.90	—	—	—	—	—	—	142.9	35.35
South Carolina.....	1,583	145.2	37.29	38	148.2	37.76	—	—	—	144.7	37.21
Virginia.....	127	143.8	34.99	18	141.6	33.13	—	—	—	139.3	34.98
West Virginia.....	6,140	112.3	27.77	935	104.1	26.27	9,777	100.6	24.99	123.7	30.68
East South Central ¹	9,377	131.0	32.03	19,235	108.7	25.65	20,382	94.5	21.27	123.9	28.70
Alabama ¹	4,167	148.8	36.27	3,380	121.2	29.52	1,613	108.6	25.70	153.6	35.58
Kentucky ¹	507	108.5	25.02	5,174	100.8	23.24	17,678	92.4	20.64	104.6	24.20
Mississippi.....	40	136.1	31.96	19	120.2	30.70	—	—	—	154.7	32.44
Tennessee ¹	4,662	117.5	29.01	10,662	108.3	25.58	1,091	104.5	25.04	112.5	26.67
West South Central	4,751	84.2	9.49	12	105.0	26.32	462	92.0	14.10	126.7	19.69
Arkansas.....	—	—	—	—	—	—	—	—	—	164.0	28.56
Louisiana.....	—	—	—	—	—	—	—	—	—	147.9	23.97
Oklahoma.....	—	—	—	12	105.0	26.32	68	103.6	26.96	91.8	15.87
Texas.....	4,751	84.2	9.49	—	—	—	394	88.2	11.89	125.9	18.69
Mountain	—	—	—	—	—	—	—	—	—	110.7	21.52
Arizona.....	—	—	—	—	—	—	—	—	—	142.5	28.95
Colorado.....	—	—	—	—	—	—	—	—	—	100.9	19.93
Idaho.....	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	68.3	11.52
Nevada.....	—	—	—	—	—	—	—	—	—	139.2	31.10
New Mexico.....	—	—	—	—	—	—	—	—	—	133.6	24.23
Utah.....	—	—	—	—	—	—	—	—	—	111.3	25.22
Wyoming.....	—	—	—	—	—	—	—	—	—	80.6	14.16
Pacific Contiguous	—	—	—	—	—	—	—	—	—	154.5	25.19
California.....	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	113.9	19.95
Washington.....	—	—	—	—	—	—	—	—	—	162.6	26.15
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—
Total	55,213	129.6	30.57	73,286	120.2	28.53	71,608	118.1	27.35	127.3	26.16

¹ The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 3, 4, 5, and 6 at the end of Table 31.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 6. Receipts of Petroleum by Census Division and State, 1993-1997
(Thousand Barrels)

Census Division and State	1997	1996	1995	1994	1993
New England	36,176	22,071	17,881	24,173	27,617
Connecticut	13,901	9,562	4,970	6,019	6,263
Maine	2,335	1,423	1,414	964	1,317
Massachusetts	18,344	9,783	9,299	14,742	17,828
New Hampshire	1,594	1,215	2,104	2,319	1,964
Rhode Island	—	81	92	121	243
Vermont	2	6	2	8	2
Middle Atlantic	19,139	24,113	18,110	34,891	31,339
New Jersey	1,516	2,662	2,154	5,451	2,711
New York	14,556	16,662	12,372	19,732	21,766
Pennsylvania	3,067	4,789	3,584	9,709	6,861
East North Central	3,108	3,526	3,578	5,192	3,988
Illinois	895	1,272	1,333	2,615	1,867
Indiana	390	431	440	354	399
Michigan	1,288	1,362	1,295	1,587	1,162
Ohio	467	403	420	541	490
Wisconsin	67	59	90	94	70
West North Central	976	632	424	545	588
Iowa	88	57	50	108	97
Kansas	490	131	58	98	67
Minnesota	39	63	41	47	33
Missouri	202	207	176	196	289
Nebraska	21	14	14	17	31
North Dakota	134	153	85	79	66
South Dakota	—	6	—	—	6
South Atlantic	44,613	43,443	36,261	67,296	67,856
Delaware	1,706	1,926	1,028	2,950	3,321
District of Columbia	139	295	422	653	371
Florida	38,320	36,449	31,059	51,596	53,854
Georgia	279	485	240	222	326
Maryland	1,985	2,492	2,008	7,795	6,191
North Carolina	350	209	195	271	211
South Carolina	137	72	68	107	81
Virginia	1,361	1,186	937	3,314	3,098
West Virginia	336	329	305	387	403
East South Central	4,697	2,465	601	2,394	6,033
Alabama	218	178	176	155	116
Kentucky	237	205	234	311	209
Mississippi	4,081	1,726	28	1,733	5,557
Tennessee	161	355	163	196	151
West South Central	1,458	943	362	499	1,357
Arkansas	73	86	70	143	95
Louisiana	846	299	82	208	803
Oklahoma	39	73	10	10	7
Texas	500	486	200	139	452
Mountain	363	396	387	466	882
Arizona	123	158	113	69	36
Colorado	—	—	4	6	4
Idaho	—	—	—	—	—
Montana	16	22	34	18	24
Nevada	38	31	29	222	609
New Mexico	45	48	47	45	70
Utah	23	31	31	27	31
Wyoming	117	106	129	79	108
Pacific Contiguous	33	16	33	387	966
California	—	—	—	370	932
Oregon	17	—	13	3	11
Washington	15	16	20	14	23
Pacific Noncontiguous	7,227	9,024	6,654	7,096	7,276
Alaska	—	—	—	—	—
Hawaii	7,227	9,024	6,654	7,096	7,276
Total	117,789	106,629	84,292	142,940	147,902

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 7. Average Delivered Cost of Petroleum by Census Division and State, 1993-1997

Census Division and State	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993
	(cents per million Btu)					(dollars per barrel)				
New England	274.3	307.9	258.0	252.0	249.3	17.51	19.71	16.50	16.00	15.87
Connecticut.....	292.7	324.1	264.0	253.1	239.8	18.74	20.83	16.99	16.06	15.28
Maine.....	278.9	293.6	260.6	213.8	213.7	17.69	18.54	16.48	13.49	13.49
Massachusetts.....	260.7	299.2	258.7	262.4	261.7	16.60	19.10	16.48	16.63	16.63
New Hampshire.....	263.6	254.4	232.6	199.5	183.7	16.89	16.51	15.08	12.86	11.89
Rhode Island.....	—	478.7	412.5	253.5	319.7	—	28.23	24.18	16.11	20.19
Vermont.....	453.5	523.8	411.7	453.5	485.1	26.04	29.34	23.84	25.87	27.34
Middle Atlantic	285.3	328.7	270.2	262.3	257.7	18.02	20.62	16.97	16.46	16.31
New Jersey.....	298.7	358.7	286.2	290.2	268.0	18.63	22.20	17.95	18.08	16.81
New York.....	284.1	319.2	265.5	251.7	257.0	17.94	20.07	16.70	15.83	16.30
Pennsylvania.....	284.7	345.2	276.8	268.3	255.8	18.09	21.69	17.32	16.82	16.15
East North Central	382.3	385.8	321.5	307.5	326.4	23.20	23.60	19.62	18.93	19.99
Illinois.....	375.0	368.1	301.4	283.0	298.0	23.14	23.06	18.81	17.82	18.67
Indiana.....	453.1	486.9	401.1	389.9	420.7	26.08	28.08	23.14	22.50	24.24
Michigan.....	345.1	340.2	292.1	295.6	305.8	21.40	21.08	18.10	18.20	18.91
Ohio.....	437.0	489.6	390.9	403.8	407.4	25.33	28.33	22.60	23.39	23.54
Wisconsin.....	462.6	481.6	385.0	397.9	408.7	27.13	28.26	22.54	23.29	23.94
West North Central	346.5	434.8	364.6	355.5	359.2	21.46	25.59	21.53	21.03	21.33
Iowa.....	445.2	507.5	409.0	392.3	408.0	25.85	29.52	23.64	22.71	23.69
Kansas.....	282.1	412.2	369.1	396.8	402.4	18.26	24.57	21.56	23.15	23.43
Minnesota.....	483.2	487.4	406.7	419.8	442.0	27.74	28.42	23.71	24.42	25.63
Missouri.....	364.5	352.2	313.0	278.4	298.8	22.05	20.82	18.83	16.97	18.15
Nebraska.....	450.3	511.4	415.0	401.8	420.1	26.02	29.56	23.99	23.23	24.28
North Dakota.....	459.2	505.1	417.5	407.2	441.6	26.82	29.56	24.41	23.72	25.60
South Dakota.....	—	597.9	—	—	467.2	—	35.16	—	—	27.47
South Atlantic	276.1	294.7	255.0	232.7	224.2	17.63	18.72	16.20	14.75	14.24
Delaware.....	277.9	321.2	260.9	259.3	230.0	17.68	20.49	16.66	16.31	14.61
District of Columbia.....	357.7	378.2	309.5	326.4	303.8	21.69	22.75	18.59	19.64	18.32
Florida.....	270.2	285.4	249.5	226.2	220.1	17.32	18.21	15.91	14.38	14.02
Georgia.....	420.8	430.5	378.1	396.3	346.9	24.83	25.44	22.17	23.05	20.74
Maryland.....	296.4	331.6	274.7	244.5	228.9	18.79	20.91	17.32	15.47	14.48
North Carolina.....	427.7	468.2	381.5	383.8	405.0	24.84	27.20	22.14	22.28	23.58
South Carolina.....	454.1	496.5	411.1	409.7	425.5	26.33	28.86	23.83	23.77	24.69
Virginia.....	281.9	290.0	250.9	216.2	212.6	17.55	17.90	15.41	13.60	13.42
West Virginia.....	464.0	528.7	438.9	442.4	462.0	27.07	30.79	25.62	25.89	27.02
East South Central	289.8	296.1	401.9	230.0	194.6	18.82	18.64	23.39	14.37	12.44
Alabama.....	405.2	445.7	375.6	402.0	425.4	23.77	26.09	21.81	23.28	24.60
Kentucky.....	482.9	515.4	428.1	433.3	437.8	28.28	30.07	24.98	25.29	25.58
Mississippi.....	269.1	223.6	374.3	164.1	176.2	17.73	14.50	21.93	10.52	11.35
Tennessee.....	439.0	484.6	397.4	414.9	431.3	25.80	28.46	23.08	24.09	25.06
West South Central	361.5	417.9	373.1	300.6	245.8	22.37	24.81	21.80	18.29	15.42
Arkansas.....	470.2	452.5	417.5	358.9	457.9	27.66	26.43	24.15	21.13	26.31
Louisiana.....	301.8	326.8	348.1	269.3	222.7	19.46	20.20	20.69	16.73	14.23
Oklahoma.....	409.2	406.7	252.9	370.3	349.8	24.08	23.86	15.06	21.71	20.39
Texas.....	453.6	473.2	374.4	285.5	245.3	26.38	27.50	21.78	17.48	15.17
Mountain	532.9	551.7	470.0	389.1	399.8	31.14	32.44	27.59	23.48	24.43
Arizona.....	531.8	538.6	510.2	428.1	511.4	31.35	32.19	29.98	25.56	30.18
Colorado.....	—	—	477.2	458.1	480.6	—	—	27.65	25.90	27.63
Idaho.....	—	—	—	—	—	—	—	—	—	—
Montana.....	529.4	564.9	490.7	462.9	525.5	31.35	33.45	29.06	27.41	31.12
Nevada.....	507.6	551.5	337.2	328.7	358.3	29.59	31.71	20.77	20.46	22.35
New Mexico.....	574.6	586.8	490.4	464.9	505.8	32.82	33.52	28.01	26.55	28.89
Utah.....	583.6	579.2	504.6	467.4	539.1	34.27	33.95	29.53	27.45	31.61
Wyoming.....	517.0	545.6	444.6	444.5	473.0	30.14	31.89	26.01	25.95	27.63
Pacific Contiguous	494.4	508.5	462.3	227.3	241.6	29.06	29.89	27.19	13.92	14.86
California.....	—	—	—	216.3	234.7	—	—	—	13.27	14.46
Oregon.....	490.2	—	426.7	465.4	382.8	28.82	—	25.12	27.17	22.51
Washington.....	499.1	508.5	484.9	472.0	468.9	29.34	29.89	28.50	27.74	27.56
Pacific Noncontiguous	364.3	353.5	298.0	271.2	308.5	22.85	22.10	18.70	17.05	19.33
Alaska.....	—	—	—	—	—	—	—	—	—	—
Hawaii.....	364.3	353.5	298.0	271.2	308.5	22.85	22.10	18.70	17.05	19.33
Total	288.0	315.7	267.9	248.8	243.3	18.30	19.95	16.93	15.70	15.42

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 8. Receipts and Average Delivered Cost of Petroleum by Type of Purchase, Fuel Type, Census Division and State, 1997

Census Division and State	No. 6 Fuel Oil by Type of Purchase						Average Delivered Cost					
	Contract			Spot			No. 2 Fuel Oil		No. 4, No. 5 Fuel Oil		No. 6 Fuel Oil	
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		(cents per MM Btu)	(\$ per bbl)	(cents per MM Btu)	(\$ per bbl)	(cents per MM Btu)	(\$ per bbl)
		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)						
New England	19,552	275.7	17.64	16,511	271.5	17.29	449.4	25.93	—	—	273.8	17.48
Connecticut.....	10,904	290.8	18.67	2,973	298.1	18.91	488.3	28.32	—	—	292.4	18.72
Maine.....	—	—	—	2,328	278.4	17.67	425.8	24.83	—	—	278.4	17.67
Massachusetts.....	8,647	256.6	16.35	9,644	263.4	16.78	447.6	25.69	—	—	260.2	16.58
New Hampshire.....	—	—	—	1,565	260.8	16.75	427.1	24.72	—	—	260.8	16.75
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	453.5	26.04	—	—	—	—
Middle Atlantic	12,069	283.2	17.88	6,315	274.3	17.46	415.8	24.49	403.7	24.84	280.1	17.74
New Jersey.....	1,408	287.3	18.02	20	368.1	22.55	450.4	26.43	403.7	24.84	288.5	18.08
New York.....	10,661	282.6	17.86	3,690	283.5	17.89	375.3	22.69	—	—	282.9	17.87
Pennsylvania.....	—	—	—	2,605	260.8	16.82	433.5	25.24	—	—	260.8	16.82
East North Central	291	415.8	26.04	1,203	290.2	18.53	451.5	26.17	—	—	314.3	19.99
Illinois.....	—	—	—	562	320.3	20.42	476.1	27.72	—	—	320.3	20.42
Indiana.....	—	—	—	—	—	—	453.1	26.08	—	—	—	—
Michigan.....	291	415.8	26.04	641	263.8	16.86	443.7	25.77	—	—	310.6	19.73
Ohio.....	—	—	—	—	—	—	437.0	25.33	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	462.6	27.13	—	—	—	—
West North Central	—	—	—	422	230.3	15.45	449.1	26.04	—	—	230.3	15.45
Iowa.....	—	—	—	—	—	—	445.2	25.85	—	—	—	—
Kansas.....	—	—	—	352	225.8	15.22	448.7	26.00	—	—	225.8	15.22
Minnesota.....	—	—	—	—	—	—	483.2	27.74	—	—	—	—
Missouri.....	—	—	—	70	253.4	16.62	431.4	24.93	—	—	253.4	16.62
Nebraska.....	—	—	—	—	—	—	450.3	26.02	—	—	—	—
North Dakota.....	—	—	—	—	—	—	459.2	26.82	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
South Atlantic	16,799	264.6	17.13	25,610	270.9	17.27	444.4	25.88	348.6	21.27	268.4	17.21
Delaware.....	1,522	272.3	17.40	101	240.9	15.34	441.2	25.67	—	—	270.4	17.27
District of Columbia.....	—	—	—	—	—	—	429.2	25.07	346.0	21.12	—	—
Florida.....	13,520	261.4	16.97	24,173	271.1	17.30	444.1	25.86	427.6	25.81	267.6	17.18
Georgia.....	—	—	—	50	279.3	17.54	454.3	26.43	—	—	279.3	17.54
Maryland.....	1,757	282.8	18.08	40	313.5	19.86	431.8	25.20	—	—	283.4	18.12
North Carolina.....	—	—	—	—	—	—	427.7	24.84	—	—	—	—
South Carolina.....	—	—	—	—	—	—	454.1	26.33	—	—	—	—
Virginia.....	—	—	—	1,246	268.6	16.81	434.0	25.45	—	—	268.6	16.81
West Virginia.....	—	—	—	—	—	—	464.0	27.07	—	—	—	—
East South Central	—	—	—	4,033	267.4	17.64	443.0	25.97	—	—	267.4	17.64
Alabama.....	—	—	—	—	—	—	405.2	23.77	—	—	—	—
Kentucky.....	—	—	—	—	—	—	482.9	28.28	—	—	—	—
Mississippi.....	—	—	—	4,033	267.4	17.64	431.3	25.17	—	—	267.4	17.64
Tennessee.....	—	—	—	—	—	—	439.0	25.80	—	—	—	—
West South Central	—	—	—	747	287.0	18.71	448.7	26.21	—	—	287.0	18.71
Arkansas.....	—	—	—	—	—	—	470.2	27.66	—	—	—	—
Louisiana.....	—	—	—	747	287.0	18.71	424.0	25.11	—	—	287.0	18.71
Oklahoma.....	—	—	—	—	—	—	409.2	24.08	—	—	—	—
Texas.....	—	—	—	—	—	—	453.6	26.38	—	—	—	—
Mountain	—	—	—	—	—	—	532.9	31.14	—	—	—	—
Arizona.....	—	—	—	—	—	—	531.8	31.35	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	529.4	31.35	—	—	—	—
Nevada.....	—	—	—	—	—	—	507.6	29.59	—	—	—	—
New Mexico.....	—	—	—	—	—	—	574.6	32.82	—	—	—	—
Utah.....	—	—	—	—	—	—	583.6	34.27	—	—	—	—
Wyoming.....	—	—	—	—	—	—	517.0	30.14	—	—	—	—
Pacific Contiguous	—	—	—	—	—	—	494.4	29.06	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	490.2	28.82	—	—	—	—
Washington.....	—	—	—	—	—	—	499.1	29.34	—	—	—	—
Pacific Noncontiguous	7,222	364.2	22.85	—	—	—	435.0	25.11	—	—	364.2	22.85
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	7,222	364.2	22.85	—	—	—	435.0	25.11	—	—	364.2	22.85
Total	55,933	285.9	18.25	54,840	271.5	17.36	448.9	26.16	352.8	21.54	278.8	17.81

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost. Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 9. Receipts and Average Delivered Cost of Petroleum by Type, Census Division, and State, 1997

Census Division and State	No. 2 Fuel Oil			Nos. 4 & 5 Fuel Oil ¹			No. 6 Fuel Oil			Total		
	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per MM Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per MM Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per MM Btu)	Receipts (1,000 barrels)	Heat Value (Btu per gallon)	Cost (cents per MM Btu)
New England	112	137,378	449.4	—	—	—	36,062	151,997	273.8	36,174	151,952	274.3
Connecticut.....	23	138,092	488.3	—	—	—	13,878	152,456	292.4	13,901	152,432	292.7
Maine.....	7	138,834	425.8	—	—	—	2,328	151,105	278.4	2,335	151,068	278.9
Massachusetts.....	51	136,645	447.6	—	—	—	18,292	151,686	260.2	18,343	151,644	260.6
New Hampshire.....	29	137,800	427.1	—	—	—	1,565	152,894	260.8	1,594	152,622	263.6
Rhode Island.....	—	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	2	136,720	453.5	—	—	—	—	—	—	2	136,720	453.5
Middle Atlantic	680	140,236	415.8	10	146,492	403.7	18,384	150,767	280.1	19,139	150,332	285.3
New Jersey.....	13	139,723	450.4	10	146,492	403.7	1,428	149,261	288.5	1,516	148,489	298.7
New York.....	205	143,950	375.3	—	—	—	14,351	150,417	282.9	14,556	150,326	284.1
Pennsylvania.....	462	138,606	433.5	—	—	—	2,605	153,517	260.8	3,067	151,269	284.7
East North Central	1,614	138,022	451.5	—	—	—	1,494	151,459	314.3	3,108	144,482	382.3
Illinois.....	333	138,608	476.1	—	—	—	562	151,840	320.3	895	146,913	375.0
Indiana.....	390	137,049	453.1	—	—	—	—	—	—	390	137,049	453.1
Michigan.....	356	138,278	443.7	—	—	—	932	151,229	310.6	1,288	147,648	345.1
Ohio.....	467	137,989	437.0	—	—	—	—	—	—	467	137,989	437.0
Wisconsin.....	67	139,650	462.6	—	—	—	—	—	—	67	139,650	462.6
West North Central	554	138,083	449.1	—	—	—	422	159,758	230.3	976	147,461	346.5
Iowa.....	88	138,237	445.2	—	—	—	—	—	—	88	138,237	445.2
Kansas.....	138	137,937	448.7	—	—	—	352	160,479	225.8	490	154,118	282.1
Minnesota.....	39	136,690	483.2	—	—	—	—	—	—	39	136,690	483.2
Missouri.....	132	137,605	431.4	—	—	—	70	156,145	253.4	202	144,037	364.5
Nebraska.....	21	137,568	450.3	—	—	—	—	—	—	21	137,568	450.3
North Dakota.....	134	139,091	459.2	—	—	—	—	—	—	134	139,091	459.2
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
South Atlantic	2,081	138,640	444.4	123	145,264	348.6	42,409	152,697	268.4	44,613	152,021	276.1
Delaware.....	83	138,500	441.2	—	—	—	1,623	152,125	270.4	1,706	151,465	277.9
District of Columbia.....	20	139,058	429.2	119	145,316	346.0	—	—	—	139	144,404	357.7
Florida.....	623	138,627	444.1	4	143,720	427.6	37,694	152,873	267.6	38,320	152,641	270.2
Georgia.....	229	138,491	454.3	—	—	—	50	149,500	279.3	279	140,473	420.8
Maryland.....	188	138,940	431.8	—	—	—	1,797	152,174	283.4	1,985	150,922	296.4
North Carolina.....	350	138,266	427.7	—	—	—	—	—	—	350	138,266	427.7
South Carolina.....	137	138,068	454.1	—	—	—	—	—	—	137	138,068	454.1
Virginia.....	115	139,643	434.0	—	—	—	1,246	149,014	268.6	1,361	148,219	281.9
West Virginia.....	336	138,884	464.0	—	—	—	—	—	—	336	138,884	464.0
East South Central	664	139,581	443.0	—	—	—	4,033	157,081	267.4	4,697	154,607	289.8
Alabama.....	218	139,646	405.2	—	—	—	—	—	—	218	139,646	405.2
Kentucky.....	237	139,436	482.9	—	—	—	—	—	—	237	139,436	482.9
Mississippi.....	48	138,930	431.3	—	—	—	4,033	157,081	267.4	4,081	156,868	269.1
Tennessee.....	161	139,900	439.0	—	—	—	—	—	—	161	139,900	439.0
West South Central	711	139,082	448.7	—	—	—	747	155,184	287.0	1,458	147,329	361.5
Arkansas.....	73	140,074	470.2	—	—	—	—	—	—	73	140,074	470.2
Louisiana.....	100	141,030	424.0	—	—	—	747	155,184	287.0	846	153,519	301.8
Oklahoma.....	39	140,096	409.2	—	—	—	—	—	—	39	140,096	409.2
Texas.....	500	138,473	453.6	—	—	—	—	—	—	500	138,473	453.6
Mountain	363	139,142	532.9	—	—	—	—	—	—	363	139,142	532.9
Arizona.....	123	140,337	531.8	—	—	—	—	—	—	123	140,337	531.8
Colorado.....	—	—	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	16	141,000	529.4	—	—	—	—	—	—	16	141,000	529.4
Nevada.....	38	138,761	507.6	—	—	—	—	—	—	38	138,761	507.6
New Mexico.....	45	136,000	574.6	—	—	—	—	—	—	45	136,000	574.6
Utah.....	23	139,821	583.6	—	—	—	—	—	—	23	139,821	583.6
Wyoming.....	117	138,823	517.0	—	—	—	—	—	—	117	138,823	517.0
Pacific Contiguous	33	139,974	494.4	—	—	—	—	—	—	33	139,974	494.4
California.....	—	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	17	140,000	490.2	—	—	—	—	—	—	17	140,000	490.2
Washington.....	15	139,944	499.1	—	—	—	—	—	—	15	139,944	499.1
Pacific Noncontiguous	5	137,415	435.0	—	—	—	7,222	149,359	364.2	7,227	149,351	364.3
Alaska.....	—	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	5	137,415	435.0	—	—	—	7,222	149,359	364.2	7,227	149,351	364.3
Total	6,816	138,757	448.9	133	145,356	352.8	110,774	152,118	278.8	117,788	151,327	288.0

¹ Blend of No. 2 Fuel Oil and No. 6 Fuel Oil.

Notes: • Totals for New Jersey and the Middle Atlantic Census division include 65 thousand barrels of kerosene. • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Receipts and Average Delivered Cost of Petroleum by Sulfur Content, Census Division, and State, 1997

Census Division and State	0.3% or Less			More than 0.3% up to 0.5%			More than 0.5% up to 1.0%		
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost	
		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)
New England	819	337.0	21.02	4,417	309.7	19.64	24,666	270.7	17.32
Connecticut.....	735	332.6	20.73	3,266	312.6	19.81	9,408	284.4	18.30
Maine.....	46	373.5	23.50	626	303.5	19.26	643	278.7	17.87
Massachusetts.....	37	378.8	23.66	253	305.3	19.17	14,395	261.0	16.64
New Hampshire	—	—	—	273	294.0	18.81	220	283.0	18.07
Rhode Island	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—
Middle Atlantic	8,855	288.4	18.09	1,320	284.8	18.15	5,980	273.8	17.51
New Jersey.....	1,207	285.1	17.84	49	290.2	18.32	182	315.9	19.98
New York.....	7,562	289.4	18.15	373	287.0	18.20	4,553	278.3	17.74
Pennsylvania.....	86	248.8	15.79	898	283.7	18.12	1,246	251.3	16.32
East North Central	20	268.3	15.84	72	245.4	14.88	1,242	326.9	20.83
Illinois.....	—	—	—	31	290.1	18.04	531	322.0	20.56
Indiana.....	—	—	—	—	—	—	—	—	—
Michigan.....	20	268.3	15.84	41	210.2	12.50	711	330.6	21.03
Ohio.....	—	—	—	—	—	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	—	—	—
West North Central	—	—	—	—	—	—	248	222.6	15.00
Iowa.....	—	—	—	—	—	—	—	—	—
Kansas.....	—	—	—	—	—	—	248	222.6	15.00
Minnesota.....	—	—	—	—	—	—	—	—	—
Missouri.....	—	—	—	—	—	—	—	—	—
Nebraska.....	—	—	—	—	—	—	—	—	—
North Dakota.....	—	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—
South Atlantic	33	269.0	16.78	135	266.4	16.31	18,816	274.9	17.65
Delaware.....	19	280.4	17.88	—	—	—	1,604	270.3	17.27
District of Columbia	—	—	—	—	—	—	119	346.0	21.12
Florida.....	14	252.7	15.28	85	258.4	15.58	15,415	273.2	17.57
Georgia.....	—	—	—	50	279.3	17.54	—	—	—
Maryland.....	—	—	—	—	—	—	1,444	290.8	18.55
North Carolina	—	—	—	—	—	—	—	—	—
South Carolina	—	—	—	—	—	—	—	—	—
Virginia.....	—	—	—	—	—	—	234	287.7	18.21
West Virginia.....	—	—	—	—	—	—	—	—	—
East South Central	559	262.3	17.34	—	—	—	—	—	—
Alabama.....	—	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—	—
Mississippi.....	559	262.3	17.34	—	—	—	—	—	—
Tennessee.....	—	—	—	—	—	—	—	—	—
West South Central	—	—	—	—	—	—	286	299.0	19.25
Arkansas.....	—	—	—	—	—	—	—	—	—
Louisiana.....	—	—	—	—	—	—	286	299.0	19.25
Oklahoma.....	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	—	—	—
Mountain	—	—	—	—	—	—	—	—	—
Arizona.....	—	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—	—
Pacific Contiguous	—	—	—	—	—	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—
Pacific Noncontiguous	676	406.8	25.50	6,546	359.8	22.57	—	—	—
Alaska.....	—	—	—	—	—	—	—	—	—
Hawaii.....	676	406.8	25.50	6,546	359.8	22.57	—	—	—
Total	10,962	297.8	18.72	12,491	332.4	20.95	51,239	273.8	17.55

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • No. 2 Fuel Oil and kerosene have been omitted from this table. • MM Btu = million Btu. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 10. Receipts and Average Delivered Cost of Petroleum by Sulfur Content, Census Division, and State, 1997 (Continued)

Census Division and State	More than 1.0% up to 2.0%			More than 2.0% up to 3.0%			More than 3.0%			Heavy Oil Cost	
	Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		Receipts (1,000 barrels)	Cost		(cents per MM Btu)	(\$ per bbl)
		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)		(cents per MM Btu)	(\$ per bbl)		
New England	3,859	249.5	15.98	2,301	257.9	16.31	—	—	—	273.8	17.48
Connecticut.....	468	251.7	16.30	—	—	—	—	—	—	292.4	18.72
Maine.....	255	267.1	16.85	757	255.4	16.12	—	—	—	278.4	17.67
Massachusetts.....	2,062	247.6	15.81	1,544	259.1	16.40	—	—	—	260.2	16.58
New Hampshire	1,073	248.0	15.96	—	—	—	—	—	—	260.8	16.75
Rhode Island	—	—	—	—	—	—	—	—	—	—	—
Vermont.....	—	—	—	—	—	—	—	—	—	—	—
Middle Atlantic	2,238	262.7	16.75	—	—	—	—	—	—	280.2	17.74
New Jersey	—	—	—	—	—	—	—	—	—	289.2	18.13
New York.....	1,863	267.1	16.98	—	—	—	—	—	—	282.9	17.87
Pennsylvania.....	375	241.3	15.60	—	—	—	—	—	—	260.8	16.82
East North Central	152	253.6	16.39	8	227.0	15.03	—	—	—	314.3	19.99
Illinois.....	—	—	—	—	—	—	—	—	—	320.3	20.42
Indiana.....	—	—	—	—	—	—	—	—	—	—	—
Michigan.....	152	253.6	16.39	8	227.0	15.03	—	—	—	310.6	19.73
Ohio.....	—	—	—	—	—	—	—	—	—	—	—
Wisconsin.....	—	—	—	—	—	—	—	—	—	—	—
West North Central	164	244.0	16.28	10	197.2	13.09	—	—	—	230.3	15.45
Iowa.....	—	—	—	—	—	—	—	—	—	—	—
Kansas	104	233.3	15.73	—	—	—	—	—	—	225.8	15.22
Minnesota.....	—	—	—	—	—	—	—	—	—	—	—
Missouri.....	60	263.2	17.23	10	197.2	13.09	—	—	—	253.4	16.62
Nebraska.....	—	—	—	—	—	—	—	—	—	—	—
North Dakota.....	—	—	—	—	—	—	—	—	—	—	—
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—
South Atlantic	13,353	269.9	17.31	10,195	255.3	16.35	—	—	—	268.6	17.22
Delaware.....	—	—	—	—	—	—	—	—	—	270.4	17.27
District of Columbia	—	—	—	—	—	—	—	—	—	346.0	21.12
Florida.....	11,989	270.8	17.40	10,195	255.3	16.35	—	—	—	267.6	17.18
Georgia.....	—	—	—	—	—	—	—	—	—	279.3	17.54
Maryland.....	353	253.7	16.32	—	—	—	—	—	—	283.4	18.12
North Carolina	—	—	—	—	—	—	—	—	—	—	—
South Carolina	—	—	—	—	—	—	—	—	—	—	—
Virginia.....	1,011	264.2	16.49	—	—	—	—	—	—	268.6	16.81
West Virginia.....	—	—	—	—	—	—	—	—	—	—	—
East South Central	1,113	268.1	17.66	2,362	268.2	17.70	—	—	—	267.4	17.64
Alabama.....	—	—	—	—	—	—	—	—	—	—	—
Kentucky.....	—	—	—	—	—	—	—	—	—	—	—
Mississippi.....	1,113	268.1	17.66	2,362	268.2	17.70	—	—	—	267.4	17.64
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—
West South Central	460	279.7	18.37	—	—	—	—	—	—	287.0	18.71
Arkansas.....	—	—	—	—	—	—	—	—	—	—	—
Louisiana.....	460	279.7	18.37	—	—	—	—	—	—	287.0	18.71
Oklahoma.....	—	—	—	—	—	—	—	—	—	—	—
Texas.....	—	—	—	—	—	—	—	—	—	—	—
Mountain	—	—	—	—	—	—	—	—	—	—	—
Arizona.....	—	—	—	—	—	—	—	—	—	—	—
Colorado.....	—	—	—	—	—	—	—	—	—	—	—
Idaho.....	—	—	—	—	—	—	—	—	—	—	—
Montana.....	—	—	—	—	—	—	—	—	—	—	—
Nevada.....	—	—	—	—	—	—	—	—	—	—	—
New Mexico.....	—	—	—	—	—	—	—	—	—	—	—
Utah.....	—	—	—	—	—	—	—	—	—	—	—
Wyoming.....	—	—	—	—	—	—	—	—	—	—	—
Pacific Contiguous	—	—	—	—	—	—	—	—	—	—	—
California.....	—	—	—	—	—	—	—	—	—	—	—
Oregon.....	—	—	—	—	—	—	—	—	—	—	—
Washington.....	—	—	—	—	—	—	—	—	—	—	—
Pacific Noncontiguous	—	—	—	—	—	—	—	—	—	364.2	22.85
Alaska.....	—	—	—	—	—	—	—	—	—	—	—
Hawaii.....	—	—	—	—	—	—	—	—	—	364.2	22.85
Total	21,339	265.3	17.04	14,876	257.8	16.55	—	—	—	278.8	17.81

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • No. 2 Fuel Oil and kerosene have been omitted from this table. • MM Btu = million Btu. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 11. Receipts of Gas by Census Division and State, 1993-1997

(Thousand Mcf)

Census Division and State	1997	1996	1995	1994	1993
New England	95,374	92,757	92,244	48,618	29,640
Connecticut	13,738	10,327	19,277	8,009	554
Maine	—	—	—	—	—
Massachusetts	50,755	48,011	64,350	38,595	28,283
New Hampshire	302	—	2,564	1,275	136
Rhode Island	30,544	34,396	5,914	572	400
Vermont	34	24	138	167	267
Middle Atlantic	236,208	168,075	300,502	225,983	201,570
New Jersey	17,920	21,698	37,601	36,154	26,861
New York	215,276	139,848	239,247	177,846	167,703
Pennsylvania	3,012	6,529	23,654	11,983	7,005
East North Central	79,833	56,337	79,583	61,161	43,568
Illinois	44,986	24,354	38,666	34,188	17,084
Indiana	2,631	3,213	6,134	7,309	4,764
Michigan	28,208	25,972	28,540	17,203	17,754
Ohio	719	848	3,394	842	1,425
Wisconsin	3,289	1,951	2,848	1,618	2,540
West North Central	29,509	27,345	41,390	33,313	27,469
Iowa	2,748	2,751	2,484	1,582	3,131
Kansas	20,050	17,621	21,093	22,203	16,426
Minnesota	2,768	2,707	5,283	3,504	2,393
Missouri	2,889	3,128	10,650	3,517	4,241
Nebraska	1,053	1,135	1,752	2,435	1,226
North Dakota	1	2	1	46	1
South Dakota	—	2	127	26	52
South Atlantic	310,596	314,620	369,271	220,663	201,429
Delaware	15,997	23,165	27,012	17,396	7,239
District of Columbia	—	—	—	—	—
Florida	276,254	272,616	305,896	171,834	164,475
Georgia	3,074	2,619	3,196	1,078	2,994
Maryland	4,864	5,258	11,659	8,684	4,801
North Carolina	1,220	800	1,020	548	2,373
South Carolina	196	193	5,325	2,584	485
Virginia	8,619	9,543	14,656	18,200	18,947
West Virginia	372	426	506	338	116
East South Central	49,081	63,790	89,399	64,255	29,020
Alabama	1,194	1,443	2,412	3,235	2,696
Kentucky	576	616	428	406	220
Mississippi	47,311	61,732	86,559	60,614	26,104
Tennessee	—	—	—	—	—
West South Central	1,445,739	1,441,962	1,524,483	1,474,719	1,467,748
Arkansas	17,490	32,443	29,696	22,782	19,766
Louisiana	264,879	243,098	313,325	257,290	234,879
Oklahoma	133,617	133,520	150,892	147,382	148,893
Texas	1,029,752	1,032,900	1,030,570	1,047,265	1,064,210
Mountain	111,722	91,680	96,760	93,950	73,138
Arizona	22,010	17,685	17,954	21,731	19,308
Colorado	2,361	2,328	1,478	2,154	2,045
Idaho	—	—	—	—	—
Montana	103	155	123	518	110
Nevada	52,189	41,221	39,118	31,440	20,516
New Mexico	32,753	28,218	30,833	30,540	26,595
Utah	2,207	1,985	7,126	7,436	4,478
Wyoming	98	88	128	131	87
Pacific Contiguous	385,685	329,657	411,515	621,342	483,761
California	374,700	314,789	390,482	595,291	467,486
Oregon	10,969	14,832	21,026	26,041	16,255
Washington	15	36	8	11	20
Pacific Noncontiguous	20,989	18,439	18,180	19,900	17,180
Alaska	20,989	18,439	18,180	19,900	17,180
Hawaii	—	—	—	—	—
Total	2,764,734	2,604,663	3,023,327	2,863,904	2,574,523

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 12. Average Delivered Cost of Gas by Census Division and State, 1993-1997

Census Division and State	1997	1996	1995	1994	1993	1997	1996	1995	1994	1993
	(cents per million Btu)					(dollars per Mcf)				
New England	300.6	266.2	198.5	219.2	264.0	3.09	2.75	2.03	2.26	2.73
Connecticut	242.1	270.7	197.8	196.0	377.8	2.47	2.76	2.01	1.99	3.90
Maine	—	—	—	—	—	—	—	—	—	—
Massachusetts	301.0	296.2	200.6	224.1	263.0	3.11	3.07	2.06	2.32	2.72
New Hampshire	266.6	—	182.6	209.7	217.2	2.71	—	1.86	2.13	2.21
Rhode Island	326.4	222.6	184.9	222.5	238.9	3.35	2.29	1.90	2.29	2.51
Vermont	312.1	317.5	195.3	231.5	201.6	3.16	3.22	1.95	2.31	2.01
Middle Atlantic	282.2	287.7	207.7	221.6	259.9	2.90	2.96	2.13	2.29	2.68
New Jersey	295.1	289.8	211.8	209.6	229.9	3.06	2.96	2.18	2.17	2.38
New York	281.0	287.9	208.0	223.6	264.8	2.88	2.96	2.14	2.30	2.73
Pennsylvania	292.5	276.9	198.1	229.1	257.6	3.02	2.85	2.04	2.36	2.65
East North Central	259.7	270.7	186.7	219.8	251.4	1.99	1.83	1.46	1.86	1.90
Illinois	251.4	257.2	168.0	200.0	244.4	2.55	2.62	1.71	2.04	2.48
Indiana	316.3	341.2	244.1	265.9	273.7	3.23	3.48	2.49	2.72	2.77
Michigan	256.3	269.3	199.5	240.2	241.7	.80	.74	.73	.97	.92
Ohio	362.9	335.0	227.7	374.5	285.6	3.72	3.44	2.34	3.85	2.94
Wisconsin	314.7	300.6	220.7	263.4	263.0	3.17	3.04	2.23	2.66	2.66
West North Central	267.8	241.2	171.7	201.4	244.0	2.64	2.38	1.70	1.99	2.41
Iowa	339.8	322.4	271.0	316.2	310.1	3.41	3.23	2.72	3.18	3.12
Kansas	258.4	231.8	161.0	192.1	232.0	2.53	2.26	1.58	1.89	2.26
Minnesota	243.6	216.9	176.1	213.1	245.0	2.45	2.18	1.77	2.14	2.47
Missouri	279.4	255.2	168.1	189.7	231.8	2.81	2.58	1.69	1.90	2.34
Nebraska	287.1	206.1	165.8	205.1	272.7	2.86	2.07	1.66	2.02	2.66
North Dakota	322.0	276.6	349.4	375.7	424.9	3.43	2.93	3.73	4.11	4.59
South Dakota	—	233.0	157.8	272.3	237.8	—	2.36	1.58	2.65	2.41
South Atlantic	302.9	307.9	224.8	222.2	243.7	3.16	3.12	2.28	2.26	2.47
Delaware	304.7	302.5	227.2	234.2	260.9	3.15	3.13	2.35	2.43	2.69
District of Columbia	—	—	—	—	—	—	—	—	—	—
Florida	304.3	309.7	223.6	215.5	234.1	3.18	3.12	2.26	2.18	2.36
Georgia	265.5	281.3	272.1	320.8	323.6	2.72	2.88	2.79	3.29	3.31
Maryland	285.3	298.6	215.7	246.6	288.8	2.97	3.11	2.24	2.57	3.01
North Carolina	310.7	300.5	232.8	325.7	351.6	3.22	3.11	2.40	3.38	3.63
South Carolina	397.6	445.4	160.3	167.1	291.1	4.07	4.56	1.64	1.71	2.97
Virginia	274.0	281.6	259.1	256.6	278.6	2.93	2.98	2.67	2.66	2.89
West Virginia	335.1	299.0	357.6	400.1	435.5	3.35	2.99	3.58	4.00	4.35
East South Central	263.4	269.0	172.3	192.6	243.8	2.73	2.79	1.79	2.01	2.49
Alabama	277.2	287.6	197.7	234.3	260.4	2.86	2.95	2.01	2.37	2.65
Kentucky	337.3	341.3	294.1	287.2	301.1	3.45	3.49	3.01	2.93	3.07
Mississippi	262.2	267.9	171.0	189.8	241.6	2.72	2.78	1.78	1.98	2.47
Tennessee	—	—	—	—	—	—	—	—	—	—
West South Central	266.7	255.9	190.5	218.5	247.3	2.74	2.63	1.96	2.25	2.55
Arkansas	261.9	246.6	169.7	182.3	220.5	2.70	2.52	1.74	1.87	2.27
Louisiana	269.3	281.6	180.6	207.4	238.5	2.79	2.94	1.88	2.17	2.49
Oklahoma	287.8	290.1	226.5	266.7	310.7	2.97	2.98	2.34	2.76	3.23
Texas	263.3	245.6	188.9	215.2	240.7	2.69	2.51	1.93	2.20	2.47
Mountain	245.5	231.0	168.5	202.6	241.6	2.51	2.36	1.73	2.08	2.48
Arizona	294.4	298.2	172.9	217.7	280.7	2.99	3.03	1.77	2.23	2.88
Colorado	317.5	209.8	173.0	212.5	250.1	3.16	2.09	1.74	2.21	2.53
Idaho	—	—	—	—	—	—	—	—	—	—
Montana	1348.5	269.3	358.1	114.9	268.1	14.45	2.90	3.84	1.21	3.12
Nevada	211.9	206.0	165.8	192.4	237.7	2.18	2.12	1.71	1.99	2.45
New Mexico	259.2	227.9	154.5	194.5	219.3	2.64	2.31	1.57	1.99	2.23
Utah	203.0	179.0	214.5	231.6	217.6	2.09	1.83	2.26	2.42	2.31
Wyoming	875.9	1211.2	797.8	561.4	329.7	9.12	12.59	8.32	5.80	3.44
Pacific Contiguous	298.0	261.9	217.7	245.7	294.0	3.04	2.68	2.23	2.53	3.03
California	302.2	267.9	222.3	248.4	296.3	3.08	2.75	2.28	2.56	3.05
Oregon	147.6	132.2	129.8	183.0	225.2	1.49	1.33	1.31	1.85	2.28
Washington	4519.5	474.7	438.2	471.2	376.0	47.38	4.98	4.60	4.95	3.95
Pacific Noncontiguous	174.0	144.6	128.6	112.9	125.4	1.74	1.45	1.29	1.13	1.25
Alaska	174.0	144.6	128.6	112.9	125.4	1.74	1.45	1.29	1.13	1.25
Hawaii	—	—	—	—	—	—	—	—	—	—
Total	276.0	264.1	198.4	223.0	256.0	2.81	2.69	2.02	2.28	2.62

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 13. Receipts and Average Delivered Cost of Gas by Type of Purchase, Census Division and State, 1997

Census Division and State	Type of Purchase											
	Firm			Interruptible			Spot			Total		
	Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost		Receipts (1,000 Mcf)	Cost	
		(cents per MM Btu)	(\$ per Mcf)		(cents per MM Btu)	(\$ per Mcf)		(cents per MM Btu)	(\$ per Mcf)		(cents per MM Btu)	(\$ per Mcf)
New England	46,189	341.5	3.52	43,023	260.9	2.69	6,162	270.9	2.78	95,374	300.6	3.09
Connecticut.....	—	—	—	13,555	242.0	2.46	183	252.4	2.60	13,738	242.1	2.47
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	17,621	364.0	3.76	29,165	269.5	2.79	3,969	252.0	2.59	50,755	301.0	3.11
New Hampshire.....	—	—	—	302	266.6	2.71	—	—	—	302	266.6	2.71
Rhode Island.....	28,568	327.5	3.36	—	—	—	1,976	309.9	3.18	30,544	326.4	3.35
Vermont.....	—	—	—	—	—	—	34	312.1	3.16	34	312.1	3.16
Middle Atlantic	14,057	399.4	4.07	149,467	279.7	2.88	72,684	264.7	2.70	236,208	282.2	2.90
New Jersey.....	115	310.1	3.23	17,139	294.2	3.05	667	316.5	3.30	17,920	295.1	3.06
New York.....	13,473	403.2	4.11	130,508	277.9	2.86	71,295	263.4	2.69	215,276	281.0	2.88
Pennsylvania.....	470	311.4	3.23	1,821	270.2	2.79	722	336.6	3.48	3,012	292.5	3.02
East North Central	2,628	318.5	3.26	33,764	270.4	1.15	43,440	252.6	2.56	79,833	259.7	1.99
Illinois.....	931	300.4	3.08	2,304	261.2	2.66	41,750	249.7	2.53	44,986	251.4	2.55
Indiana.....	—	—	—	2,631	316.3	3.23	—	—	—	2,631	316.3	3.23
Michigan.....	1,539	332.0	3.40	25,778	232.7	.57	891	289.2	2.89	28,208	256.3	.80
Ohio.....	158	293.6	3.02	53	387.7	4.00	509	382.0	3.90	719	362.9	3.72
Wisconsin.....	—	—	—	2,999	313.3	3.16	290	329.3	3.31	3,289	314.7	3.17
West North Central	512	356.2	3.56	28,386	265.9	2.62	611	281.3	2.77	29,509	267.8	2.64
Iowa.....	300	397.7	4.01	2,342	333.2	3.34	106	319.7	3.20	2,748	339.8	3.41
Kansas.....	136	310.5	3.04	19,871	258.0	2.52	43	281.9	2.82	20,050	258.4	2.53
Minnesota.....	7	445.4	4.54	2,760	243.1	2.44	—	—	—	2,768	243.6	2.45
Missouri.....	—	—	—	2,426	280.7	2.84	462	272.3	2.67	2,889	279.4	2.81
Nebraska.....	68	252.1	2.52	984	289.5	2.89	—	—	—	1,053	287.1	2.86
North Dakota.....	—	—	—	1	322.0	3.43	—	—	—	1	322.0	3.43
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
South Atlantic	271,780	305.1	3.18	23,821	290.1	3.02	14,995	282.8	2.99	310,596	302.9	3.16
Delaware.....	15,997	304.7	3.15	—	—	—	—	—	—	15,997	304.7	3.15
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida.....	255,579	305.0	3.18	18,063	289.4	3.02	2,612	333.9	3.49	276,254	304.3	3.18
Georgia.....	—	—	—	3,074	265.5	2.72	—	—	—	3,074	265.5	2.72
Maryland.....	205	462.2	4.81	896	318.1	3.31	3,763	267.9	2.79	4,864	285.3	2.97
North Carolina.....	—	—	—	1,220	310.7	3.22	—	—	—	1,220	310.7	3.22
South Carolina.....	—	—	—	196	397.6	4.07	—	—	—	196	397.6	4.07
Virginia.....	—	—	—	—	—	—	8,619	274.0	2.93	8,619	274.0	2.93
West Virginia.....	—	—	—	372	335.1	3.35	—	—	—	372	335.1	3.35
East South Central	541	238.8	2.49	30,030	247.7	2.57	18,511	289.7	3.00	49,081	263.4	2.73
Alabama.....	78	254.3	2.73	1,116	278.8	2.87	—	—	—	1,194	277.2	2.86
Kentucky.....	—	—	—	50	389.0	3.89	526	332.5	3.41	576	337.3	3.45
Mississippi.....	463	236.1	2.45	28,864	246.3	2.55	17,984	288.4	2.98	47,311	262.2	2.72
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—	—
West South Central	764,177	278.2	2.85	142,124	252.9	2.63	539,438	254.0	2.60	1,445,739	266.7	2.74
Arkansas.....	1,463	194.1	2.18	6,659	257.7	2.64	9,368	276.6	2.81	17,490	261.9	2.70
Louisiana.....	101,823	287.9	2.98	78,893	245.8	2.55	84,163	268.8	2.78	264,879	269.3	2.79
Oklahoma.....	73,246	323.1	3.34	20,790	263.1	2.73	39,582	235.1	2.41	133,617	287.8	2.97
Texas.....	587,645	271.1	2.77	35,782	261.7	2.76	406,325	252.2	2.58	1,029,752	263.3	2.69
Mountain	26,082	287.3	2.90	58,131	234.1	2.40	27,509	230.6	2.37	111,722	245.5	2.51
Arizona.....	11,856	289.0	2.93	6,278	320.1	3.24	3,876	269.5	2.74	22,010	294.4	2.99
Colorado.....	2,321	276.9	2.75	37	2,605.1	29.01	3	280.9	2.82	2,361	317.5	3.16
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	81	357.5	3.75	22	4,731.5	54.46	—	—	—	103	1,348.5	14.45
Nevada.....	—	—	—	29,184	203.4	2.09	23,005	222.6	2.29	52,189	211.9	2.18
New Mexico.....	11,725	282.1	2.84	20,404	245.3	2.51	624	288.1	2.96	32,753	259.2	2.64
Utah.....	—	—	—	2,207	203.0	2.09	—	—	—	2,207	203.0	2.09
Wyoming.....	98	875.9	9.12	—	—	—	—	—	—	98	875.9	9.12
Pacific Contiguous	8,400	185.9	1.87	58,075	297.4	3.00	319,210	301.0	3.07	385,685	298.0	3.04
California.....	3,679	241.2	2.41	58,059	296.3	2.99	312,962	304.0	3.10	374,700	302.2	3.08
Oregon.....	4,720	143.3	1.45	—	—	—	6,249	150.8	1.52	10,969	147.6	1.49
Washington.....	—	—	—	15	4,519.5	47.38	—	—	—	15	4,519.5	47.38
Pacific Noncontiguous	20,989	174.0	1.74	—	—	—	—	—	—	20,989	174.0	1.74
Alaska.....	20,989	174.0	1.74	—	—	—	—	—	—	20,989	174.0	1.74
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
Total	1,155,355	286.4	2.95	566,820	266.0	2.64	1,042,559	269.6	2.76	2,764,734	276.0	2.81

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet. • MM Btu = million Btu. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 14. Receipts and Average Delivered Cost of Gas by Type, Census Division, and State, 1997

Census Division and State	Receipts by Type											
	Natural Gas			Blast Furnace/ Coke Oven Gas			Refinery Gas			Total Gas		
	Receipts (1,000 Mcf)	Heat Value (Btu per cf)	Cost (cents per MM Btu)	Receipts (1,000 Mcf)	Heat Value (Btu per cf)	Cost (cents per MM Btu)	Receipts (1,000 Mcf)	Heat Value (Btu per cf)	Cost (cents per MM Btu)	Receipts (1,000 Mcf)	Heat Value (Btu per cf)	Cost (cents per MM Btu)
New England	95,374	1,029	300.6	—	—	—	—	—	—	95,374	1,029	300.6
Connecticut.....	13,738	1,019	242.1	—	—	—	—	—	—	13,738	1,019	242.1
Maine.....	—	—	—	—	—	—	—	—	—	—	—	—
Massachusetts.....	50,755	1,033	301.0	—	—	—	—	—	—	50,755	1,033	301.0
New Hampshire.....	302	1,017	266.6	—	—	—	—	—	—	302	1,017	266.6
Rhode Island.....	30,544	1,027	326.4	—	—	—	—	—	—	30,544	1,027	326.4
Vermont.....	34	1,012	312.1	—	—	—	—	—	—	34	1,012	312.1
Middle Atlantic	236,208	1,027	282.2	—	—	—	—	—	—	236,208	1,027	282.2
New Jersey.....	17,920	1,037	295.1	—	—	—	—	—	—	17,920	1,037	295.1
New York.....	215,276	1,026	281.0	—	—	—	—	—	—	215,276	1,026	281.0
Pennsylvania.....	3,012	1,034	292.5	—	—	—	—	—	—	3,012	1,034	292.5
East North Central	57,915	1,015	266.0	21,918	108	103.1	—	—	—	79,833	766	259.7
Illinois.....	44,986	1,016	251.4	—	—	—	—	—	—	44,986	1,016	251.4
Indiana.....	2,631	1,021	316.3	—	—	—	—	—	—	2,631	1,021	316.3
Michigan.....	6,290	1,014	313.3	21,918	108	103.1	—	—	—	28,208	310	256.3
Ohio.....	719	1,024	362.9	—	—	—	—	—	—	719	1,024	362.9
Wisconsin.....	3,289	1,008	314.7	—	—	—	—	—	—	3,289	1,008	314.7
West North Central	29,509	986	267.8	—	—	—	—	—	—	29,509	986	267.8
Iowa.....	2,748	1,003	339.8	—	—	—	—	—	—	2,748	1,003	339.8
Kansas.....	20,050	978	258.4	—	—	—	—	—	—	20,050	978	258.4
Minnesota.....	2,768	1,004	243.6	—	—	—	—	—	—	2,768	1,004	243.6
Missouri.....	2,889	1,006	279.4	—	—	—	—	—	—	2,889	1,006	279.4
Nebraska.....	1,053	998	287.1	—	—	—	—	—	—	1,053	998	287.1
North Dakota.....	1	1,066	322.0	—	—	—	—	—	—	1	1,066	322.0
South Dakota.....	—	—	—	—	—	—	—	—	—	—	—	—
South Atlantic	309,788	1,043	303.4	—	—	—	807	1,264	132.7	310,596	1,044	302.9
Delaware.....	15,997	1,035	304.7	—	—	—	—	—	—	15,997	1,035	304.7
District of Columbia.....	—	—	—	—	—	—	—	—	—	—	—	—
Florida.....	276,254	1,044	304.3	—	—	—	—	—	—	276,254	1,044	304.3
Georgia.....	3,074	1,024	265.5	—	—	—	—	—	—	3,074	1,024	265.5
Maryland.....	4,864	1,041	285.3	—	—	—	—	—	—	4,864	1,041	285.3
North Carolina.....	1,220	1,037	310.7	—	—	—	—	—	—	1,220	1,037	310.7
South Carolina.....	196	1,024	397.6	—	—	—	—	—	—	196	1,024	397.6
Virginia.....	7,812	1,048	291.7	—	—	—	807	1,264	132.7	8,619	1,069	274.0
West Virginia.....	372	1,000	335.1	—	—	—	—	—	—	372	1,000	335.1
East South Central	49,081	1,035	263.4	—	—	—	—	—	—	49,081	1,035	263.4
Alabama.....	1,194	1,031	277.2	—	—	—	—	—	—	1,194	1,031	277.2
Kentucky.....	576	1,023	337.3	—	—	—	—	—	—	576	1,023	337.3
Mississippi.....	47,311	1,036	262.2	—	—	—	—	—	—	47,311	1,036	262.2
Tennessee.....	—	—	—	—	—	—	—	—	—	—	—	—
West South Central	1,445,739	1,026	266.7	—	—	—	—	—	—	1,445,739	1,026	266.7
Arkansas.....	17,490	1,029	261.9	—	—	—	—	—	—	17,490	1,029	261.9
Louisiana.....	264,879	1,036	269.3	—	—	—	—	—	—	264,879	1,036	269.3
Oklahoma.....	133,617	1,032	287.8	—	—	—	—	—	—	133,617	1,032	287.8
Texas.....	1,029,752	1,023	263.3	—	—	—	—	—	—	1,029,752	1,023	263.3
Mountain	111,722	1,022	245.5	—	—	—	—	—	—	111,722	1,022	245.5
Arizona.....	22,010	1,014	294.4	—	—	—	—	—	—	22,010	1,014	294.4
Colorado.....	2,361	995	317.5	—	—	—	—	—	—	2,361	995	317.5
Idaho.....	—	—	—	—	—	—	—	—	—	—	—	—
Montana.....	103	1,071	1,348.5	—	—	—	—	—	—	103	1,071	1,348.5
Nevada.....	52,189	1,029	211.9	—	—	—	—	—	—	52,189	1,029	211.9
New Mexico.....	32,753	1,017	259.2	—	—	—	—	—	—	32,753	1,017	259.2
Utah.....	2,207	1,032	203.0	—	—	—	—	—	—	2,207	1,032	203.0
Wyoming.....	98	1,041	875.9	—	—	—	—	—	—	98	1,041	875.9
Pacific Contiguous	385,685	1,019	298.0	—	—	—	—	—	—	385,685	1,019	298.0
California.....	374,700	1,019	302.2	—	—	—	—	—	—	374,700	1,019	302.2
Oregon.....	10,969	1,011	147.6	—	—	—	—	—	—	10,969	1,011	147.6
Washington.....	15	1,048	4,519.5	—	—	—	—	—	—	15	1,048	4,519.5
Pacific Noncontiguous	20,989	1,000	174.0	—	—	—	—	—	—	20,989	1,000	174.0
Alaska.....	20,989	1,000	174.0	—	—	—	—	—	—	20,989	1,000	174.0
Hawaii.....	—	—	—	—	—	—	—	—	—	—	—	—
Total	2,742,009	1,026	276.2	21,918	108	103.1	807	1,264	132.7	2,764,734	1,019	276.0

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet. • cf = cubic foot. • MM Btu = million Btu. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 15. Total Heating Value and Cost of Fossil Fuels by Census Division and State, 1997

Census Division and State	Total Btu (billions)				% of Total Btu			Avg. Delivered Cost (cents per MM Btu)		
	Total	Coal	Petroleum	Gas	Coal	Petroleum	Gas	Coal	Petroleum	Gas
New England	510,800	181,777	230,870	98,153	35.6	45.2	19.2	171.2	274.3	300.6
Connecticut.....	127,992	25,006	88,993	13,993	19.5	69.5	10.9	190.5	292.7	242.1
Maine.....	14,815	—	14,815	—	—	100.0	—	—	278.9	—
Massachusetts.....	283,564	114,277	116,833	52,454	40.3	41.2	18.5	169.9	260.7	301.0
New Hampshire.....	53,019	42,494	10,217	307	80.1	19.3	.6	163.2	263.6	266.6
Rhode Island.....	31,364	—	—	31,364	—	—	100.0	—	—	326.4
Vermont.....	45	—	11	34	—	25.3	74.7	—	453.5	312.1
Middle Atlantic	1,711,110	1,347,705	120,843	242,561	78.8	7.1	14.2	138.3	285.3	282.2
New Jersey.....	82,653	54,609	9,456	18,587	66.1	11.4	22.5	175.6	298.7	295.1
New York.....	529,717	216,956	91,900	220,860	41.0	17.3	41.7	142.4	284.1	281.0
Pennsylvania.....	1,098,740	1,076,139	19,487	3,114	97.9	1.8	.3	135.5	284.7	292.5
East North Central	4,366,070	4,286,039	18,859	61,172	98.2	.4	1.4	130.7	382.3	259.7
Illinois.....	848,384	797,174	5,525	45,684	94.0	.7	5.4	155.4	375.0	251.4
Indiana.....	1,121,201	1,116,269	2,247	2,686	99.6	.2	.2	116.4	453.1	316.3
Michigan.....	696,061	679,322	7,990	8,749	97.6	1.1	1.3	136.9	345.1	256.3
Ohio.....	1,257,776	1,254,333	2,706	737	99.7	.2	.1	132.1	437.0	362.9
Wisconsin.....	442,648	438,941	392	3,315	99.2	.1	.7	109.0	462.6	314.7
West North Central	2,052,155	2,017,009	6,044	29,102	98.3	.3	1.4	91.7	346.5	267.8
Iowa.....	292,168	288,899	512	2,756	98.9	.2	.9	93.7	445.2	339.8
Kansas.....	315,070	292,286	3,175	19,610	92.8	1.0	6.2	102.1	282.1	258.4
Minnesota.....	315,943	312,941	225	2,778	99.0	.1	.9	109.5	483.2	243.6
Missouri.....	607,693	603,562	1,224	2,906	99.3	.2	.5	93.4	364.5	279.4
Nebraska.....	184,032	182,858	124	1,050	99.4	.1	.6	58.5	450.3	287.1
North Dakota.....	303,649	302,862	785	1	99.7	.3	*	77.8	459.2	322.0
South Dakota.....	33,600	33,600	—	—	100.0	—	—	92.0	—	—
South Atlantic ¹	4,285,252	3,676,250	284,851	324,150	85.8	6.6	7.6	147.6	276.1	302.9
Delaware.....	71,348	43,950	10,850	16,549	61.6	15.2	23.2	157.1	277.9	304.7
District of Columbia.....	845	—	845	—	—	100.0	—	—	357.7	—
Florida ¹	1,202,992	668,984	245,667	288,341	55.6	20.4	24.0	172.5	270.2	304.3
Georgia.....	671,225	666,429	1,648	3,148	99.3	.2	.5	158.6	420.8	265.5
Maryland.....	279,501	261,855	12,580	5,065	93.7	4.5	1.8	150.0	296.4	285.3
North Carolina.....	650,149	646,852	2,033	1,265	99.5	.3	.2	142.9	427.7	310.7
South Carolina.....	305,273	304,277	795	201	99.7	.3	.1	144.7	454.1	397.6
Virginia.....	317,221	299,537	8,473	9,211	94.4	2.7	2.9	139.3	281.9	274.0
West Virginia.....	786,698	784,366	1,960	372	99.7	.2	*	123.7	464.0	335.1
East South Central ¹	2,452,613	2,371,294	30,497	50,822	96.7	1.2	2.1	123.9	289.8	263.4
Alabama ¹	706,321	703,812	1,278	1,230	99.6	.2	.2	153.6	405.2	277.2
Kentucky ¹	917,213	915,236	1,388	589	99.8	.2	.1	104.6	482.9	337.3
Mississippi.....	202,625	126,738	26,885	49,002	62.5	13.3	24.2	154.7	269.1	262.2
Tennessee ¹	626,454	625,508	946	—	99.8	.2	—	112.5	439.0	—
West South Central	3,602,739	2,110,015	9,022	1,483,702	58.6	.3	41.2	126.7	361.5	266.7
Arkansas.....	225,284	206,856	427	18,001	91.8	.2	8.0	164.0	470.2	261.9
Louisiana.....	493,130	213,351	5,457	274,322	43.3	1.1	55.6	147.9	301.8	269.3
Oklahoma.....	455,686	317,604	229	137,853	69.7	.1	30.3	91.8	409.2	287.8
Texas.....	2,428,640	1,372,204	2,910	1,053,526	56.5	.1	43.4	125.9	453.6	263.3
Mountain	2,129,645	2,013,371	2,119	114,156	94.5	.1	5.4	110.7	532.9	245.5
Arizona.....	364,146	341,095	727	22,324	93.7	.2	6.1	142.5	531.8	294.4
Colorado.....	332,286	329,937	—	2,349	99.3	—	.7	100.9	—	317.5
Idaho.....	—	—	—	—	—	—	—	—	—	—
Montana.....	154,571	154,365	96	110	99.9	.1	.1	68.3	529.4	1,348.5
Nevada.....	206,932	153,029	223	53,680	74.0	.1	25.9	139.2	507.6	211.9
New Mexico.....	319,697	286,127	257	33,313	89.5	.1	10.4	133.6	574.6	259.2
Utah.....	343,510	341,097	135	2,277	99.3	*	.7	111.3	583.6	203.0
Wyoming.....	408,504	407,721	681	102	99.8	.2	*	80.6	517.0	875.9
Pacific Contiguous	485,436	92,411	193	392,832	19.0	*	80.9	154.5	494.4	298.0
California.....	381,727	—	—	381,727	—	—	100.0	—	—	302.2
Oregon.....	26,517	15,326	102	11,090	57.8	.4	41.8	113.9	490.2	147.6
Washington.....	77,192	77,085	91	16	99.9	.1	*	162.6	499.1	4,519.5
Pacific Noncontiguous	66,323	—	45,334	20,990	—	68.4	31.6	—	364.3	174.0
Alaska.....	20,990	—	—	20,990	—	—	100.0	—	—	174.0
Hawaii.....	45,334	—	45,334	—	—	—	—	—	—	—
Total	21,662,143	18,095,870	748,634	2,817,639	83.5	3.5	13.0	127.3	288.0	276.0

¹ The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States and their respective Census Divisions. For more detailed information see footnotes 3, 4, 5, and 6 at the end of Table 31.

* = Number less than 0.5 billion Btu or 0.05 percent.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Origin and Destination of Coal

Table 16. Origin of Coal by State, 1997

State of Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama	16,032	12,275	1.13	0.92	12.35	180.4	44.29
Arizona	11,045	10,940	.53	.49	9.69	124.8	27.31
Colorado	21,645	10,894	.45	.41	8.56	123.5	26.92
Illinois.....	35,182	11,261	2.30	2.04	8.98	135.9	30.62
Indiana.....	30,203	11,060	2.30	2.08	9.36	108.8	24.07
Kansas.....	304	11,264	3.81	3.38	17.17	110.9	24.98
Kentucky.....	121,793	12,179	1.67	1.37	10.49	135.6	33.02
Louisiana.....	3,570	6,861	1.10	1.60	12.05	138.4	18.99
Maryland.....	3,613	12,457	1.65	1.32	14.04	124.5	31.01
Missouri.....	251	10,881	3.60	3.31	15.34	109.3	23.78
Montana.....	38,332	9,015	.54	.60	6.71	125.4	22.61
New Mexico.....	26,243	9,354	.71	.75	19.68	144.9	27.11
North Dakota.....	22,979	6,550	.77	1.17	9.40	77.9	10.20
Ohio.....	25,563	11,819	3.52	2.98	10.77	127.8	30.20
Oklahoma.....	132	12,544	3.03	2.42	9.73	120.7	30.28
Pennsylvania.....	53,177	12,536	1.82	1.45	11.55	131.1	32.87
Tennessee.....	3,049	12,531	1.15	.91	10.45	126.1	31.61
Texas.....	50,224	6,417	1.07	1.66	15.92	96.0	12.32
Utah.....	18,393	11,548	.49	.42	10.39	115.0	26.56
Virginia.....	15,346	12,849	1.08	.84	10.26	145.9	37.50
Washington.....	4,427	7,931	.64	.81	14.48	166.0	26.33
West Virginia.....	104,163	12,385	1.48	1.19	11.44	141.1	34.95
Wyoming.....	270,052	8,666	.35	.40	5.29	114.6	19.87
Subtotal.....	875,717	10,266	1.11	1.09	9.38	127.1	26.09
Imported ¹	4,871	11,848	.68	.57	5.81	159.5	37.80
Total.....	880,588	10,275	1.11	1.08	9.36	127.3	26.16

¹ Imported includes coal from Indonesia, Canada, Colombia, and Venezuela.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 17. Receipts of Lignite by Electric Utility, 1997

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Basin Electric Power Coop	8,952	6,558	0.70	1.07	8.77	83.3	10.93
Central Louisiana Elec Co Inc.....	3,570	6,861	1.10	1.60	12.05	138.4	18.99
Coop Power Assn	6,875	6,286	.73	1.16	11.45	77.2	9.71
Houston Lighting & Power Co.....	9,185	6,628	1.08	1.64	16.45	82.9	10.99
Minnkota Power Coop Inc	3,964	6,745	.86	1.27	8.25	61.9	8.36
Montana-Dakota Utilities Co	2,302	6,941	1.00	1.44	8.13	89.6	12.44
San Miguel Electric Coop Inc.....	3,427	5,275	1.80	3.41	26.91	82.7	8.72
Southwestern Electric Power Co.....	4,132	6,563	1.64	2.50	14.19	99.6	13.07
Texas-New Mexico Power Co	1,756	6,807	.82	1.21	15.24	139.7	19.03
Texas Utilities Electric Co	31,723	6,439	.92	1.43	14.85	98.1	12.63
United Power Assn	1,041	6,643	.69	1.04	8.36	73.5	9.77
Total	76,928	6,478	.98	1.51	13.78	92.6	12.00

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • This table includes all lignite mined in the continental United States and reported on FERC Form 423. • MM Btu = million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 18. Receipts, Quality, and Average Delivered Cost of Imported Coal, 1993-1997

Electric Utility Country of Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
1997	4,871	11,848	0.68	0.57	5.8	159.5	37.80
Central Hudson Gas and Elect	497	13,131	.65	.49	6.6	172.6	45.32
Colombia.....	147	13,032	.65	.50	7.17	171.3	44.64
Venezuela.....	350	13,172	.65	.49	6.4	173.1	45.61
Central Power & Light Co	26	11,665	.47	.40	6.0	173.2	40.41
Colombia.....	26	11,665	.47	.40	6.00	173.2	40.41
Jacksonville Electric Auth	1,385	11,851	.78	.66	7.42	150.1	35.59
Colombia.....	1,385	11,851	.78	.66	7.42	150.1	35.59
New England Power Co	1,460	12,365	.65	.52	6.01	165.4	40.90
Colombia.....	1,078	12,112	.63	.52	5.93	166.2	40.26
Venezuela.....	383	13,078	.68	.52	6.22	163.3	42.70
Public Service Co of NH	305	12,345	.64	.52	5.98	164.7	40.66
Colombia.....	35	13,231	.63	.48	6.70	160.1	42.37
Venezuela.....	229	12,217	.67	.55	6.13	160.7	39.27
Indonesia.....	41	12,300	.49	.40	4.50	190.7	46.92
San Antonio City of	73	11,603	.34	.29	3.89	176.9	41.06
Colombia.....	73	11,603	.34	.29	3.89	176.9	41.06
Savannah Electric & Power Co	279	11,949	1.28	1.07	7.72	135.1	32.29
Venezuela.....	279	11,949	1.28	1.07	7.72	135.1	32.29
Tacoma Public Utilities	10	10,144	.43	.42	12.25	171.4	34.79
Canada.....	10	10,144	.43	.42	12.25	171.4	34.79
Tampa Electric Co	800	9,859	.43	.44	1.59	159.6	31.47
Venezuela.....	59	12,953	1.47	1.13	3.50	130.2	33.73
Indonesia.....	741	9,614	.35	.37	1.44	162.7	31.29
United Illuminating Co	35	13,387	.64	.48	4.30	169.6	45.41
Venezuela.....	35	13,387	.64	.48	4.30	169.6	45.41
1996	4,699	11,797	.63	.53	5.77	161.5	38.10
Gulf Power Co¹	298	12,207	.96	.79	5.94	231.9	56.61
Venezuela.....	298	12,207	.96	.79	5.94	231.9	56.61
Jacksonville Electric Auth	1,417	11,810	.66	.56	7.71	152.9	36.11
Colombia.....	1,417	11,810	.66	.56	7.71	152.9	36.11
New England Power Co	1,766	12,586	.65	.51	6.00	159.9	40.25
Colombia.....	630	12,032	.58	.48	5.60	161.7	38.91
Venezuela.....	1,135	12,893	.68	.53	6.23	159.0	40.99
Public Service Co of NH	154	12,586	.60	.48	5.72	174.2	43.84
Colombia.....	32	12,169	.66	.54	5.68	161.9	39.41
Venezuela.....	96	12,774	.55	.43	5.07	181.3	46.32
Indonesia.....	26	12,412	.72	.58	8.20	161.9	40.19
Savannah Electric & Power Co	210	12,143	1.08	.89	6.71	152.8	37.11
Venezuela.....	210	12,143	1.08	.89	6.71	152.8	37.11
Tacoma Public Utilities	18	9,861	.44	.45	12.97	174.6	34.44
Canada.....	18	9,861	.44	.45	12.97	174.6	34.44
Tampa Electric Co	808	9,655	.29	.30	1.48	149.7	28.91
Indonesia.....	808	9,655	.29	.30	1.48	149.7	28.91
United Illuminating Co	28	13,174	.61	.46	4.10	185.0	48.74
Venezuela.....	28	13,174	.61	.46	4.10	185.0	48.74
1995	4,398	12,070	.68	.56	6.26	171.8	41.46
Central Hudson Gas and Elect	28	13,281	.56	.42	7.30	224.1	59.53
Venezuela.....	28	13,281	.56	.42	7.30	224.1	59.53
Delmarva Power & Light Co	7	13,141	.75	.57	7.07	180.3	47.39
Colombia.....	7	13,141	.75	.57	7.07	180.3	47.39
Gulf Power Co¹	891	12,342	.93	.75	6.32	231.5	57.16
Venezuela.....	891	12,342	.93	.75	6.32	231.5	57.16
Jacksonville Electric Auth	1,341	11,826	.67	.57	7.52	151.5	35.82
Colombia.....	1,341	11,826	.67	.57	7.52	151.5	35.82
New England Power Co	1,462	12,577	.64	.51	6.16	159.6	40.15
Colombia.....	558	12,195	.60	.49	5.24	157.1	38.33
Venezuela.....	904	12,813	.67	.52	6.73	161.0	41.27
Public Service Co of NH	296	12,658	.61	.48	6.16	162.2	41.06
Colombia.....	134	12,634	.61	.48	6.45	162.5	41.07
Venezuela.....	82	13,044	.71	.54	7.24	156.5	40.84
Indonesia.....	80	12,300	.52	.42	4.56	167.8	41.28
Tacoma Public Utilities	24	10,066	.47	.47	13.14	166.0	33.42
Canada.....	24	10,066	.47	.47	13.14	166.0	33.42
Tampa Electric Co	349	9,696	.31	.32	1.16	143.8	27.88
Indonesia.....	349	9,696	.31	.32	1.16	143.8	27.88
1994	4,965	12,013	.65	.54	6.49	153.5	36.87
Baltimore Gas & Electric Co	88	12,379	.66	.53	7.36	147.3	36.46
Colombia.....	88	12,379	.66	.53	7.36	147.3	36.46
Cajun Electric Power Coop Inc	169	9,702	.10	.11	1.20	166.8	32.36
Indonesia.....	169	9,702	.10	.11	1.20	166.8	32.36
Carolina Power & Light Co	27	12,200	.70	.57	9.00	145.5	35.50
Colombia.....	27	12,200	.70	.57	9.00	145.5	35.50
Central Power & Light Co	153	11,929	.55	.46	5.03	148.9	35.51
Colombia.....	153	11,929	.55	.46	5.03	148.9	35.51

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 18. Receipts, Quality, and Average Delivered Cost of Imported Coal, 1993-1997 (Continued)

Electric Utility Country of Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
1994							
Delmarva Power & Light Co.	22	12,370	0.58	0.47	5.98	168.2	41.61
Colombia.....	22	12,370	.58	.47	5.98	168.2	41.61
Detroit Edison Co.	57	11,005	.23	.21	10.28	149.9	32.99
Canada.....	57	11,005	.23	.21	10.28	149.9	32.99
Florida Power Corp.	84	12,778	.64	.50	6.50	156.3	39.93
Venezuela.....	84	12,778	.64	.50	6.50	156.3	39.93
Gulf Power Co¹	781	12,118	.79	.65	6.51	193.5	46.91
South Africa.....	127	11,318	.65	.57	12.60	181.1	41.00
Colombia.....	316	12,293	.61	.50	4.27	171.2	42.10
Venezuela.....	337	12,255	1.01	.83	6.32	218.9	53.64
Holyoke Water Power Co.	8	12,651	.43	.34	3.30	195.4	49.44
Indonesia.....	8	12,651	.43	.34	3.30	195.4	49.44
Jacksonville Electric Auth.	2,032	11,883	.69	.58	7.40	135.6	32.22
Colombia.....	2,032	11,883	.69	.58	7.40	135.6	32.22
New England Power Co.	1,052	12,691	.66	.52	6.59	158.4	40.20
Colombia.....	135	12,060	.60	.50	5.90	164.6	39.70
Venezuela.....	917	12,784	.67	.52	6.70	157.5	40.27
Public Service Co of NH.	276	12,446	.58	.47	4.74	144.9	36.07
Colombia.....	163	12,505	.62	.49	5.55	135.5	33.89
Indonesia.....	113	12,360	.53	.43	3.58	158.7	39.23
Public Service Electric&Gas Co.	23	12,870	.68	.53	6.90	166.9	42.96
Colombia.....	23	12,870	.68	.53	6.90	166.9	42.96
Savannah Electric & Power Co.	39	12,163	.99	.81	7.77	182.7	44.44
Colombia.....	12	11,235	.69	.61	5.87	214.1	48.12
Venezuela.....	27	12,575	1.12	.89	8.61	170.2	42.81
Tacoma Public Utilities.	6	9,806	.48	.49	12.80	178.0	34.91
Canada.....	6	9,806	.48	.49	12.80	178.0	34.91
Tampa Electric Co.	147	9,871	.09	.09	1.10	143.0	28.24
Indonesia.....	147	9,871	.09	.09	1.10	143.0	28.24
1993	4,628	12,019	.65	.54	6.78	153.2	36.82
Baltimore Gas & Electric Co.	224	12,354	.64	.52	6.32	149.8	37.02
Colombia.....	224	12,354	.64	.52	6.32	149.8	37.02
Central Power & Light Co.	122	12,109	.60	.49	5.90	148.5	35.98
Colombia.....	122	12,109	.60	.49	5.90	148.5	35.98
Gulf Power Co¹	737	12,285	.60	.48	5.86	181.4	44.56
Colombia.....	486	11,920	.60	.50	5.74	186.5	44.47
Venezuela.....	251	12,990	.59	.45	6.11	172.1	44.72
Jacksonville Electric Auth.	2,291	11,849	.68	.57	7.21	136.9	32.44
Colombia.....	2,291	11,849	.68	.57	7.21	136.9	32.44
Mississippi Power Co.	68	9,745	.08	.08	1.23	168.9	32.92
Indonesia.....	68	9,745	.08	.08	1.23	168.9	32.92
New England Power Co.	663	12,778	.64	.50	6.73	166.8	42.62
Colombia.....	187	12,144	.64	.53	5.42	178.5	43.35
Venezuela.....	476	13,027	.64	.49	7.25	162.5	42.33
PSI Energy Inc.	11	9,242	.13	.14	1.35	104.8	19.38
Indonesia.....	11	9,242	.13	.14	1.35	104.8	19.38
Public Service Co of NH.	199	12,870	.58	.45	6.02	151.5	39.00
Colombia.....	52	12,861	.64	.50	7.49	150.0	38.59
Venezuela.....	109	12,960	.58	.45	6.06	144.2	37.37
Indonesia.....	37	12,620	.49	.39	3.80	175.6	44.33
Tacoma Public Utilities.	29	10,036	.48	.47	12.60	179.5	36.03
Canada.....	29	10,036	.48	.47	12.60	179.5	36.03
Tampa Electric Co.	284	10,889	.81	.74	8.10	178.5	38.87
Colombia.....	222	10,844	.62	.57	7.63	166.6	36.13
Venezuela.....	61	11,056	1.48	1.34	9.78	220.7	48.80

¹ Coal shown as imported from Venezuela and delivered to the Gulf Power Company during 1993 thru 1996 included some coal that was a mixture of Illinois and Venezuela coal delivered under contract to the company.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 19. Receipts of Appalachian Region Coal by Electric Utility, 1997

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama Electric Coop Inc.....	1,001	12,146	1.90	1.56	11.27	140.0	34.00
Alabama Power Co.....	16,479	12,287	1.03	.84	12.38	178.9	43.95
American Mun Power Ohio Inc.....	737	11,598	5.06	4.37	15.16	83.5	19.37
Appalachian Power Co.....	10,954	12,415	.75	.61	11.82	146.5	36.38
Atlantic City Electric Co.....	769	12,692	2.01	1.58	10.63	179.7	45.61
Baltimore Gas & Electric Co.....	5,185	12,767	.87	.68	9.94	141.2	36.06
Big Rivers Electric Corp.....	1,243	11,657	1.54	1.32	12.86	111.7	26.05
Cardinal Operating Co.....	3,993	12,193	1.94	1.59	11.69	168.0	40.96
Carolina Power & Light Co.....	10,489	12,268	.89	.73	11.54	151.1	37.06
Cedar Falls City of.....	11	11,613	2.41	2.08	8.70	154.6	35.90
Central Hudson Gas & Elec Corp.....	318	13,132	.63	.48	7.93	177.7	46.68
Central Illinois Light Co.....	226	13,300	.68	.51	5.79	171.1	45.51
Central Illinois Pub Serv Co.....	47	11,891	.85	.72	10.77	145.7	34.65
Central Operating Co.....	2,185	12,202	1.44	1.18	12.72	127.3	31.08
Cincinnati Gas & Electric Co.....	10,691	12,201	2.15	1.76	10.76	112.2	27.39
Cleveland Electric Illum Co.....	4,455	12,784	2.05	1.60	8.72	130.2	33.28
Columbia City of.....	46	12,991	1.02	.79	7.44	208.0	54.04
Columbus Southern Power Co.....	4,416	11,796	2.75	2.33	9.02	140.9	33.25
Consumers Power Co.....	5,104	12,330	.79	.64	11.43	160.6	39.61
Dayton Power & Light Co.....	8,126	11,685	.78	.67	14.09	130.0	30.38
Delmarva Power & Light Co.....	1,682	13,062	.99	.76	8.65	157.1	41.05
Detroit Edison Co.....	6,215	13,037	1.48	1.13	7.69	130.5	34.02
Duke Power Co.....	16,280	12,431	.92	.74	9.88	138.0	34.32
Duquesne Light Co.....	2,319	12,895	1.91	1.48	9.28	120.7	31.12
East Kentucky Power Coop Inc.....	3,427	12,323	.83	.67	10.66	114.6	28.24
Florida Power Corp.....	6,032	12,637	.82	.65	8.99	175.7	44.41
Gainesville Regional Utilities.....	569	13,105	.59	.45	7.00	165.4	43.36
Georgia Power Co.....	21,286	12,517	.93	.74	10.40	161.1	40.32
Grand Haven City of.....	12	13,227	2.71	2.05	3.59	139.9	37.00
Gulf Power Co.....	871	12,096	1.43	1.18	12.47	190.1	45.99
Hamilton City of.....	136	12,507	.72	.57	9.14	147.1	36.80
Holland City of.....	139	12,863	.86	.67	6.47	179.6	46.20
Holyoke Water Power Co.....	449	13,172	1.07	.81	7.33	179.2	47.20
Indiana-Kentucky Electric Corp.....	1,700	12,403	2.25	1.81	9.57	135.4	33.58
Indiana Michigan Power Co.....	1,888	12,521	1.56	1.24	9.43	131.3	32.87
Jacksonville Electric Auth.....	1,680	12,585	1.34	1.07	10.31	177.8	44.74
Jamestown City of.....	100	12,666	1.82	1.44	9.65	132.4	33.53
Kentucky Power Co.....	2,910	12,215	1.25	1.03	10.12	107.9	26.37
Kentucky Utilities Co.....	5,650	12,256	1.26	1.03	11.10	116.8	28.64
Lakeland City of.....	758	12,876	1.26	.98	8.42	172.7	44.48
Lansing City of.....	692	12,647	.90	.71	7.96	163.7	41.42
Louisville Gas & Electric Co.....	1,657	12,107	3.72	3.07	12.00	95.0	23.01
Manitowoc Public Utilities.....	84	13,126	1.34	1.02	7.24	163.4	42.90
Metropolitan Edison Co.....	1,265	13,157	1.63	1.24	7.13	139.1	36.61
Michigan South Central Pwr Agy.....	60	12,070	3.37	2.79	9.02	162.7	39.29
Mississippi Power Co.....	375	12,534	1.09	.87	8.81	151.6	38.01
Monongahela Power Co.....	12,326	12,534	3.02	2.41	11.06	108.7	27.25
Montaup Electric Co.....	279	12,710	.74	.58	7.68	179.3	45.58
New England Power Co.....	2,356	12,567	.70	.56	9.87	169.7	42.65
New York State Elec & Gas Corp.....	3,014	13,071	2.31	1.77	7.92	132.5	34.64
Niagara Mohawk Power Corp.....	2,936	13,161	1.85	1.40	7.25	132.6	34.90
Northern Indiana Pub Serv Co.....	194	12,776	2.94	2.30	9.68	129.4	33.06
Northern States Power Co.....	26	13,104	.81	.62	7.60	203.4	53.31
Ohio Edison Co.....	7,381	11,776	1.37	1.16	14.62	112.1	26.39
Ohio Power Co.....	14,462	11,749	2.71	2.31	11.81	146.3	34.39
Ohio Valley Electric Corp.....	2,840	13,043	1.99	1.53	7.50	116.1	30.28
Orange & Rockland Utils Inc.....	793	12,887	.60	.46	8.62	187.0	48.20
Orlando Utilities Comm.....	2,309	12,689	1.23	.97	9.60	180.0	45.67
Orrville City of.....	190	11,580	3.68	3.18	10.69	97.8	22.66
Painesville City of.....	94	12,473	2.51	2.02	7.40	138.4	34.52
Pennsylvania Electric Co.....	18,687	12,074	1.98	1.64	15.00	123.6	29.85
Pennsylvania Power & Light Co.....	8,342	12,293	1.66	1.35	13.28	144.9	35.63
Pennsylvania Power Co.....	6,750	11,921	3.40	2.85	13.30	161.4	38.48
Philadelphia Electric Co.....	1,473	13,214	1.56	1.18	7.71	142.1	37.55
Potomac Edison Co.....	108	12,348	.97	.78	12.49	130.5	32.22
Potomac Electric Power Co.....	5,619	13,063	1.33	1.02	8.79	158.8	41.49
PSI Energy Inc.....	855	13,088	2.25	1.72	7.80	104.7	27.40
Public Service Co of NH.....	1,322	13,218	1.60	1.21	7.08	162.9	43.07
Public Service Electric&Gas Co.....	1,301	13,318	.80	.60	7.33	173.1	46.10

See footnotes at end of table.

Table 19. Receipts of Appalachian Region Coal by Electric Utility, 1997 (Continued)

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Richmond City of.....	29	11,394	2.00	1.75	12.00	133.4	30.40
Rochester Gas & Electric Corp.....	618	13,325	2.22	1.66	7.06	139.8	37.26
Savannah Electric & Power Co.....	379	10,813	.89	.82	18.24	140.8	30.44
Seminole Electric Coop Inc.....	826	12,905	2.54	1.97	8.04	155.5	40.14
South Carolina Electric&Gas Co.....	5,137	12,811	1.19	.93	9.27	153.8	39.41
South Carolina Pub Serv Auth.....	6,040	12,971	1.20	.93	7.92	136.4	35.38
South Mississippi El Pwr Assn.....	973	12,369	.96	.78	9.26	201.6	49.88
Southern Indiana Gas & Elec Co.....	87	12,486	1.71	1.37	10.00	134.6	33.62
Tampa Electric Co.....	1,327	12,880	1.48	1.15	7.61	214.3	55.19
Tennessee Valley Authority.....	13,091	12,509	1.54	1.23	10.21	121.3	30.35
Toledo Edison Co.....	447	12,650	.90	.71	8.93	146.2	36.98
United Illuminating Co.....	917	13,122	.53	.41	7.31	191.3	50.20
Vineland City of.....	16	12,925	.77	.60	6.35	192.4	49.75
Virginia Electric & Power Co.....	12,602	12,440	1.28	1.03	12.64	131.2	32.63
West Penn Power Co.....	4,984	12,725	2.19	1.72	9.70	133.9	34.08
Wisconsin Electric Power Co.....	2,443	13,132	1.47	1.12	7.40	146.5	38.48
Wyandotte Municipal Serv Comm.....	119	12,637	1.17	.92	10.29	148.2	37.46
Total.....	308,410	12,413	1.55	1.25	10.96	141.6	35.14

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • The Appalachian Region includes Alabama, Georgia, eastern Kentucky, Maryland, Ohio, Pennsylvania, Tennessee, Virginia, and West Virginia. • MM Btu = million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 20. Receipts of Interior Region Coal by Electric Utility, 1997

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama Electric Coop Inc.....	412	12,070	1.65	1.36	6.67	140.3	33.87
Alabama Power Co.....	1,445	12,060	1.35	1.12	8.08	128.5	30.99
Associated Electric Coop Inc.....	28	11,958	2.73	2.28	11.84	134.7	32.21
Big Rivers Electric Corp.....	3,925	11,312	3.17	2.80	12.21	95.9	21.70
Cedar Falls City of.....	15	11,703	2.38	2.03	8.61	158.7	37.14
Central Electric Pwr Coop-MO.....	140	10,961	2.77	2.53	8.91	132.0	28.93
Central Illinois Light Co.....	2,429	10,782	2.83	2.63	8.31	148.9	32.11
Central Illinois Pub Serv Co.....	4,762	10,768	1.43	1.32	8.16	151.8	32.69
Central Iowa Power Coop.....	150	10,959	3.03	2.77	9.44	113.8	24.95
Cincinnati Gas & Electric Co.....	22	11,524	2.38	2.06	10.59	101.9	23.49
Commonwealth Edison Co.....	432	10,784	3.36	3.12	8.16	98.9	21.33
Dairyland Power Coop.....	590	12,012	1.06	.88	5.49	130.5	31.36
Empire District Electric Co.....	152	12,064	3.37	2.79	12.17	126.6	30.54
Georgia Power Co.....	1,033	12,040	1.14	.95	7.21	147.4	35.50
Grand Haven City of.....	162	11,108	2.29	2.06	9.75	136.0	30.21
Grand River Dam Authority.....	79	12,945	3.28	2.53	8.47	103.8	26.86
Gulf Power Co.....	1,853	12,028	1.70	1.41	7.65	203.0	48.84
Hoosier Energy R E C Inc.....	4,119	10,907	2.97	2.72	11.06	122.9	26.80
IES Utilities Co.....	77	11,918	1.28	1.07	7.04	147.3	35.12
Illinois Power Co.....	6,354	10,793	2.77	2.57	9.98	107.6	23.22
Independence City of.....	77	10,766	2.72	2.53	12.88	123.7	26.63
Indiana Michigan Power Co.....	223	11,565	2.19	1.90	9.89	110.4	25.53
Indianapolis Power & Light Co.....	7,373	11,071	2.23	2.01	9.30	97.0	21.49
Interstate Power Co.....	100	11,098	2.59	2.33	8.34	110.3	24.48
Jacksonville Electric Auth.....	60	11,663	3.71	3.18	11.20	146.5	34.17
Kansas City City of.....	129	10,941	2.95	2.70	10.05	106.7	23.36
Kansas City Power & Light Co.....	363	10,870	4.06	3.73	18.35	100.9	21.94
Kentucky Utilities Co.....	838	11,478	2.92	2.54	8.80	101.2	23.23
Louisville Gas & Electric Co.....	5,039	11,315	3.31	2.92	11.42	93.9	21.25
Madison Gas & Electric Co.....	144	10,757	1.35	1.25	9.14	134.0	28.83
Manitowoc Public Utilities.....	20	11,696	1.40	1.19	6.78	149.0	34.86
Mississippi Power Co.....	1,152	11,897	1.19	1.00	7.05	138.4	32.92
Muscatine City of.....	218	10,882	1.43	1.31	9.29	122.7	26.70
Northern Indiana Pub Serv Co.....	2,681	10,970	2.99	2.73	9.86	129.1	28.33
Owensboro City of.....	1,347	11,010	3.19	2.90	12.33	96.4	21.22
PSI Energy Inc.....	13,159	11,040	1.80	1.63	9.15	115.9	25.60
Richmond City of.....	216	11,084	2.23	2.01	9.04	158.8	35.19
Rochester Public Utilities.....	119	11,860	1.35	1.14	7.53	162.5	38.54
Seminole Electric Coop Inc.....	3,094	11,895	2.93	2.46	7.71	181.1	43.10
Sikeston City of.....	552	11,218	2.81	2.51	9.98	99.8	22.39
Southern Illinois Power Coop.....	851	10,306	3.19	3.10	18.70	85.8	17.68
Southern Indiana Gas & Elec Co.....	2,876	11,339	3.37	2.97	8.86	89.8	20.37
Springfield City of.....	1,195	10,464	3.20	3.06	9.16	115.2	24.10
Springfield City of.....	169	12,152	.89	.73	5.24	142.1	34.53
St Joseph Light & Power Co.....	285	11,134	3.17	2.85	9.13	109.9	24.47
Tampa Electric Co.....	5,045	11,812	2.58	2.18	8.86	147.5	34.84
Tennessee Valley Authority.....	23,243	11,396	3.21	2.82	12.55	102.6	23.37
Union Electric Co.....	1,506	11,393	2.25	1.97	8.91	142.9	32.55
Western Farmers Elec Coop Inc.....	15	11,193	.29	.26	11.35	225.3	50.43
Wisconsin Electric Power Co.....	22	11,802	.56	.47	6.50	136.1	32.13
Wisconsin Power & Light Co.....	102	12,095	.90	.74	5.39	145.5	35.20
Total.....	100,398	11,248	2.62	2.33	10.22	117.7	26.49

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • The Interior Region includes Arkansas, Illinois, Indiana, Iowa, Kansas, western Kentucky, Missouri, Oklahoma, and Texas. • This table excludes all lignite receipts. • MM Btu = million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 21. Receipts of Western Region Coal by Electric Utility, 1997

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama Power Co.....	5,227	8,591	0.25	0.30	4.51	113.5	19.50
Ames City of	225	8,851	.22	.25	4.40	147.4	26.09
Arizona Electric Pwr Coop Inc.....	1,296	9,678	.56	.58	14.82	113.3	21.93
Arizona Public Service Co.....	11,035	9,108	.68	.74	19.43	121.7	22.16
Arkansas Power & Light Co.....	9,865	8,756	.32	.36	5.20	167.3	29.30
Associated Electric Coop Inc.....	8,395	8,732	.21	.24	4.67	85.2	14.89
Basin Electric Power Coop.....	6,100	8,394	.39	.47	5.11	52.2	8.76
Black Hills Corp.....	500	7,988	.69	.87	7.73	50.1	8.01
Cajun Electric Power Coop Inc.....	5,762	8,467	.45	.53	5.27	154.9	26.23
Cardinal Operating Co.....	73	8,759	.35	.40	5.32	136.7	23.95
Carolina Power & Light Co.....	40	8,892	.50	.56	4.77	178.8	31.80
Cedar Falls City of.....	2	9,834	.44	.45	5.20	172.8	34.00
Central Electric Pwr Coop-MO.....	*	8,700	.20	.23	4.50	88.0	15.31
Central Illinois Pub Serv Co.....	1,059	11,182	.53	.48	8.03	134.2	30.02
Central Louisiana Elec Co Inc.....	1,843	8,706	.49	.56	5.65	153.3	26.70
Central Power & Light Co.....	1,769	10,058	.39	.39	5.96	135.2	27.20
Cleveland Electric Illum Co.....	109	8,997	.26	.29	4.62	144.5	26.01
Colorado Springs City of.....	1,516	10,649	.40	.37	7.13	132.1	28.14
Commonwealth Edison Co.....	19,012	9,003	.34	.38	5.21	209.0	37.64
Consumers Power Co.....	2,374	8,884	.43	.48	5.80	116.6	20.71
Dairyland Power Coop.....	1,455	8,779	.22	.25	4.44	99.5	17.47
Deseret Generation & Tran Coop.....	1,775	10,485	.42	.40	9.56	187.0	39.22
Detroit Edison Co.....	15,295	9,138	.32	.35	4.55	128.9	23.56
Electric Energy Inc.....	4,687	8,691	.25	.28	4.51	92.3	16.04
Empire District Electric Co.....	860	8,797	.21	.24	4.42	104.3	18.36
Florida Power Corp.....	14	11,131	.60	.54	7.74	182.5	40.63
Fremont City of.....	211	8,682	.28	.32	4.52	93.3	16.20
Georgia Power Co.....	5,369	8,739	.40	.45	5.44	150.4	26.29
Grand Island City of.....	319	8,453	.33	.39	5.21	70.1	11.85
Grand River Dam Authority.....	3,665	8,364	.31	.37	4.97	88.9	14.88
Gulf States Utilities Co.....	1,992	8,708	.48	.55	5.64	136.8	23.82
Hastings City of.....	220	8,678	.31	.36	4.71	65.9	11.43
Houston Lighting & Power Co.....	9,524	8,600	.39	.46	5.15	190.8	32.81
IES Utilities Co.....	3,851	8,410	.36	.42	5.49	93.2	15.68
Illinois Power Co.....	1,011	11,700	.55	.47	8.51	137.2	32.11
Indiana-Kentucky Electric Corp.....	2,502	8,821	.21	.24	4.83	95.2	16.80
Indiana Michigan Power Co.....	9,139	8,664	.28	.32	4.65	106.5	18.45
Interstate Power Co.....	987	9,776	.40	.41	6.90	172.6	33.75
Kansas City City of.....	1,297	8,900	.38	.43	5.31	95.8	17.06
Kansas City Power & Light Co.....	9,208	8,632	.32	.38	5.26	74.8	12.92
Kansas Power & Light Co.....	9,868	8,756	.38	.44	5.17	114.6	20.07
Lansing City of.....	111	8,809	.26	.29	5.49	146.3	25.77
Los Angeles City of.....	5,098	11,633	.55	.48	9.19	140.4	32.67
Lower Colorado River Authority.....	5,462	8,539	.35	.41	5.66	96.6	16.50
Manitowoc Public Utilities.....	36	11,612	.55	.47	7.93	147.8	34.34
Marquette City of.....	144	9,363	.36	.38	4.18	132.0	24.72
Minnesota Power & Light Co.....	4,164	9,126	.53	.58	6.13	110.8	20.23
Mississippi Power Co.....	3,542	9,293	.40	.43	4.68	144.7	26.90
Montana Power Co.....	9,005	8,457	.73	.86	9.33	67.9	11.49
Muscataine City of.....	644	8,569	1.09	1.27	6.56	82.1	14.08
Nebraska Public Power District.....	6,117	8,650	.25	.28	4.48	49.6	8.58
Nevada Power Co.....	1,269	11,645	.56	.48	8.94	126.6	29.49
Northern Indiana Pub Serv Co.....	4,995	9,150	.40	.44	5.46	131.3	24.03
Northern States Power Co.....	13,063	8,794	.42	.48	6.41	108.2	19.03
Oklahoma Gas & Electric Co.....	9,465	8,641	.30	.35	4.95	82.7	14.28
Omaha Public Power District.....	3,771	8,507	.43	.51	5.27	69.8	11.88
Otter Tail Power Co.....	2,230	8,767	.59	.67	8.27	96.5	16.92
PacifiCorp.....	29,668	9,459	.55	.58	10.38	96.3	18.22
Plains Elec Gen&Trans Coop Inc.....	1,071	9,177	.71	.77	17.91	123.7	22.69
Platte River Power Authority.....	1,091	8,764	.22	.25	5.31	74.2	13.01
Portland General Electric Co.....	875	8,757	.33	.38	5.41	113.9	19.95
Public Service Co of Colorado.....	9,554	9,705	.37	.39	6.86	95.7	18.58
Public Service Co of NM.....	6,856	9,319	.87	.94	24.46	158.9	29.62
Public Service Co of Oklahoma.....	4,062	8,816	.26	.30	4.53	112.4	19.82
Salt River Proj Ag I & P Dist.....	8,741	10,688	.52	.49	10.40	143.1	30.58
San Antonio City of.....	4,781	8,350	.36	.43	6.00	97.2	16.23
Sierra Pacific Power Co.....	1,183	11,534	.42	.37	8.83	170.8	39.39
Sikeston City of.....	391	8,763	.36	.41	5.28	98.5	17.26
Southern California Edison Co.....	4,399	10,933	.51	.46	10.31	134.1	29.33

See footnotes at end of table.

Table 21. Receipts of Western Region Coal by Electric Utility, 1997 (Continued)

Electric Utility	Receipts (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Southwestern Electric Power Co.....	7,574	8,422	0.36	0.42	4.73	163.6	27.56
Southwestern Public Service Co.....	9,008	8,677	.35	.40	5.32	184.3	31.98
Springfield City of.....	1,046	8,862	.23	.26	4.48	112.3	19.90
St Joseph Light & Power Co.....	102	8,845	.25	.29	4.80	81.0	14.32
Sunflower Electric Coop Inc.....	1,112	8,440	.34	.41	5.31	115.6	19.51
Tacoma Public Utilities.....	1	10,616	.70	.66	17.57	154.0	32.71
Tampa Electric Co.....	971	8,720	.43	.49	5.29	141.0	24.59
Tennessee Valley Authority.....	7,576	10,801	.49	.46	8.32	114.9	24.83
Texas Municipal Power Agency.....	1,824	8,678	.31	.36	5.31	121.5	21.09
Texas Utilities Electric Co.....	1,549	8,641	.35	.41	5.02	111.5	19.27
Toledo Edison Co.....	1,092	8,675	.23	.27	4.67	122.5	21.25
Tri State G & T Assn Inc.....	4,550	10,227	.42	.41	7.36	106.0	21.69
Tucson Electric Power Co.....	3,563	9,378	.69	.73	16.97	150.3	28.20
Union Electric Co.....	13,112	8,685	.31	.36	4.90	90.5	15.72
UtiliCorp United Inc.....	1,386	9,876	.45	.46	6.33	95.8	18.93
West Texas Utilities Co.....	2,635	8,455	.43	.51	5.27	138.3	23.38
Western Farmers Elec Coop Inc.....	1,091	8,574	.26	.30	4.46	99.2	17.01
Wisconsin Electric Power Co.....	8,396	9,130	.38	.42	6.26	102.4	18.70
Wisconsin Power & Light Co.....	8,402	8,723	.43	.49	5.67	106.8	18.64
Wisconsin Public Service Corp.....	3,356	8,832	.25	.28	4.74	106.1	18.74
Total.....	389,981	9,063	.41	.45	7.05	119.3	21.62

* = Number less than 0.5.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • The Western Region includes Arizona, Colorado, Montana, New Mexico, North Dakota, Utah, Washington, and Wyoming. • This table excludes all lignite receipts. • MM Btu = million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 22. Destination and Origin of Coal by State, 1997

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
Alabama¹	30,378	11,584	1.13	0.97	10.49	153.6	35.58
Alabama	15,494	12,283	1.10	.90	12.35	180.9	44.44
Colorado	827	11,596	.51	.44	9.15	113.2	26.25
Illinois	1,557	11,998	1.43	1.19	7.01	132.3	31.75
Kentucky	3,393	12,081	2.33	1.93	10.96	115.2	27.82
Montana	25	8,500	.40	.47	5.00	110.0	18.70
Pennsylvania	85	13,135	2.43	1.85	7.89	112.9	29.65
Tennessee	894	12,331	.86	.70	14.09	132.9	32.78
Utah	122	12,285	.48	.39	6.37	121.5	29.86
West Virginia	2,756	12,187	1.53	1.26	12.28	132.5	32.31
Wyoming	5,226	8,592	.25	.30	4.52	113.4	19.49
Arizona	16,788	10,159	.54	.54	12.73	142.5	28.95
Arizona	6,646	10,945	.55	.50	9.28	118.6	25.97
New Mexico	9,959	9,660	.54	.56	15.17	161.1	31.12
Wyoming	183	8,770	.35	.40	5.55	108.2	18.99
Arkansas	11,879	8,707	.33	.37	5.12	164.0	28.56
Wyoming	11,879	8,707	.33	.37	5.12	164.0	28.56
Colorado	16,711	9,872	.38	.38	6.92	100.9	19.93
Colorado	10,500	10,639	.43	.41	8.24	107.5	22.87
Wyoming	6,211	8,574	.29	.34	4.69	87.2	14.95
Connecticut	952	13,132	.54	.41	7.20	190.5	50.02
Kentucky	760	13,094	.51	.39	7.41	191.9	50.25
Virginia	4	13,830	.72	.52	5.27	184.2	50.94
West Virginia	153	13,244	.63	.47	6.85	188.5	49.93
Imported	35	13,387	.64	.48	4.30	169.6	45.41
Delaware	1,682	13,062	.99	.76	8.65	157.1	41.05
Maryland	161	13,158	1.46	1.11	9.17	147.8	38.89
Pennsylvania	501	13,183	1.36	1.03	7.36	141.6	37.34
Virginia	188	13,211	.85	.65	8.98	156.7	41.40
West Virginia	833	12,938	.72	.56	9.26	168.6	43.62
Florida¹	27,595	12,122	1.59	1.31	8.40	172.5	41.82
Alabama	362	11,887	2.03	1.70	13.36	177.4	42.18
Colorado	14	11,131	.60	.54	7.74	182.5	40.63
Illinois	6,015	11,902	2.26	1.90	8.01	178.2	42.41
Indiana	5	11,216	.70	.62	7.30	164.4	36.88
Kentucky	14,539	12,484	1.59	1.28	8.74	172.7	43.11
Virginia	957	12,338	.93	.75	10.18	204.2	50.40
West Virginia	2,546	12,682	1.47	1.16	9.87	169.5	43.00
Wyoming	971	8,720	.43	.49	5.29	141.0	24.59
Imported	2,185	11,122	.65	.59	5.29	153.2	34.08
Georgia	28,346	11,755	.84	.71	9.42	158.6	37.28
Alabama	50	12,150	1.84	1.51	11.55	135.3	32.88
Illinois	1,033	12,040	1.14	.95	7.21	147.4	35.50
Kentucky	14,728	12,581	.99	.79	9.73	155.2	39.04
Virginia	2,199	12,981	.93	.72	9.32	157.3	40.84
West Virginia	4,688	11,963	.70	.58	13.62	181.4	43.40
Wyoming	5,369	8,739	.40	.45	5.44	150.4	26.29
Imported	279	11,949	1.28	1.07	7.72	135.1	32.29
Illinois	40,750	9,781	1.17	1.20	7.04	155.4	30.41
Colorado	1,135	11,594	.53	.45	9.14	135.7	31.47
Illinois	14,315	10,686	2.63	2.46	9.75	124.3	26.56
Indiana	1,708	11,128	.98	.88	7.77	142.1	31.63
Kentucky	226	13,300	.68	.51	5.79	171.1	45.51
Montana	1,572	9,583	.34	.35	3.91	254.7	48.82
Utah	1,377	11,591	.44	.38	8.33	172.8	40.06
West Virginia	47	11,891	.85	.72	10.77	145.7	34.65
Wyoming	20,370	8,781	.33	.37	5.11	174.8	30.70
Indiana	53,353	10,461	1.61	1.54	7.90	116.4	24.35
Illinois	4,788	11,030	2.29	2.08	9.87	130.5	28.80
Indiana	25,608	11,055	2.32	2.10	9.41	107.6	23.79
Kentucky	952	12,692	1.61	1.27	7.45	124.8	31.69

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 22. Destination and Origin of Coal by State, 1997 (Continued)

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
Indiana (Continued)							
Montana.....	1,245	9,579	0.34	0.35	3.91	253.9	48.65
Ohio.....	1,225	11,264	3.87	3.44	12.65	103.7	23.37
Pennsylvania.....	707	13,068	2.24	1.72	7.97	107.2	28.01
Virginia.....	864	13,855	.74	.54	5.69	157.1	43.52
West Virginia.....	1,257	12,442	1.20	.96	10.46	137.8	34.30
Wyoming.....	16,706	8,833	.30	.34	4.92	112.6	19.89
Iowa.....	16,675	8,662	.45	.52	5.53	93.7	16.23
Colorado.....	467	11,522	.53	.46	10.09	134.6	31.02
Illinois.....	288	11,166	2.45	2.19	8.83	123.0	27.46
Indiana.....	218	10,882	1.43	1.31	9.29	122.7	26.70
Kentucky.....	54	11,681	2.64	2.26	7.01	121.9	28.47
Montana.....	78	9,471	.34	.36	3.86	148.2	28.08
West Virginia.....	11	11,613	2.41	2.08	8.70	154.6	35.90
Wyoming.....	15,559	8,482	.39	.46	5.28	90.3	15.31
Kansas.....	16,672	8,766	.48	.55	5.52	102.1	17.91
Colorado.....	1,509	10,955	.42	.38	7.73	125.8	27.57
Illinois.....	129	10,941	2.95	2.70	10.05	106.7	23.36
Kansas.....	246	11,118	3.92	3.52	18.12	106.7	23.72
Missouri.....	154	10,824	4.09	3.78	16.87	101.0	21.87
Montana.....	104	9,284	.38	.41	4.61	94.6	17.57
Oklahoma.....	26	12,433	3.68	2.96	11.50	117.4	29.20
Wyoming.....	14,503	8,447	.36	.43	4.91	98.8	16.69
Kentucky¹.....	39,550	11,571	2.50	2.16	12.46	104.6	24.20
Colorado.....	2,118	11,572	.51	.44	9.70	129.5	29.96
Illinois.....	191	11,822	2.65	2.25	10.77	102.3	24.20
Indiana.....	2,336	11,090	3.14	2.83	9.98	92.4	20.50
Kentucky.....	26,751	11,429	2.79	2.44	13.42	101.9	23.29
Ohio.....	788	12,257	4.40	3.59	11.20	91.2	22.35
Pennsylvania.....	115	12,984	2.24	1.72	8.48	107.2	27.83
Utah.....	143	11,872	.64	.54	7.99	134.1	31.85
West Virginia.....	6,607	12,321	1.69	1.37	11.10	111.8	27.56
Wyoming.....	502	9,891	.51	.51	7.24	109.2	21.60
Louisiana.....	13,167	8,102	.64	.78	7.22	147.9	23.97
Louisiana.....	3,570	6,861	1.10	1.60	12.05	138.4	18.99
Wyoming.....	9,597	8,563	.46	.54	5.42	150.8	25.82
Maryland.....	10,139	12,913	1.14	.88	9.42	150.0	38.75
Kentucky.....	601	13,053	.82	.63	6.91	152.2	39.72
Maryland.....	768	13,036	1.45	1.11	9.37	174.8	45.58
Pennsylvania.....	1,801	13,047	1.46	1.12	8.69	152.3	39.74
West Virginia.....	6,969	12,853	1.04	.81	9.83	146.5	37.65
Massachusetts.....	4,545	12,571	.72	.57	8.24	169.9	42.72
Kentucky.....	717	12,753	.67	.52	7.60	178.8	45.59
Pennsylvania.....	280	13,248	1.38	1.04	7.15	165.9	43.96
West Virginia.....	2,088	12,562	.70	.56	10.18	170.5	42.84
Imported.....	1,460	12,365	.65	.52	6.01	165.4	40.90
Michigan.....	32,145	10,566	.67	.64	6.65	136.9	28.93
Colorado.....	518	12,032	.58	.48	9.63	134.1	32.28
Indiana.....	162	11,108	2.29	2.06	9.75	136.0	30.21
Kentucky.....	4,007	12,819	.93	.73	8.45	152.1	38.98
Montana.....	9,431	9,409	.39	.41	4.52	151.0	28.41
Ohio.....	79	12,060	3.14	2.60	9.24	155.6	37.54
Pennsylvania.....	2,701	13,200	1.53	1.16	6.92	121.8	32.15
West Virginia.....	5,757	12,413	1.11	.89	11.01	152.6	37.87
Wyoming.....	9,490	8,794	.30	.34	5.03	105.7	18.59
Minnesota.....	17,591	8,895	.45	.51	6.32	109.5	19.47
Illinois.....	114	11,878	1.34	1.13	7.50	163.1	38.74
Indiana.....	5	11,437	1.43	1.25	8.20	148.9	34.05
Montana.....	9,592	8,929	.58	.65	7.49	109.7	19.59
Wyoming.....	7,880	8,808	.27	.31	4.87	108.1	19.04

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 22. Destination and Origin of Coal by State, 1997 (Continued)

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
Mississippi	6,043	10,486	0.68	0.65	6.13	154.7	32.44
Alabama	126	12,461	1.04	.83	9.73	145.8	36.34
Colorado	36	11,518	.49	.42	7.49	154.8	35.65
Illinois.....	1,149	11,897	1.19	1.00	7.04	138.4	32.93
Kentucky	1,225	12,409	.99	.80	9.07	191.8	47.60
Montana.....	3,221	9,323	.39	.42	4.56	145.5	27.13
Wyoming.....	285	8,677	.46	.53	5.69	133.8	23.22
Missouri	33,553	8,994	.47	.52	5.32	93.4	16.80
Illinois.....	2,652	11,354	2.41	2.12	8.92	129.9	29.50
Kansas.....	58	11,890	3.37	2.84	13.12	127.8	30.38
Kentucky	74	12,595	1.68	1.33	9.12	181.4	45.69
Missouri.....	97	10,972	2.82	2.57	12.90	122.2	26.82
Oklahoma.....	12	11,801	3.38	2.87	12.31	128.1	30.22
Utah.....	11	11,694	.55	.47	8.71	145.3	33.98
Wyoming.....	30,649	8,768	.28	.32	4.96	88.8	15.56
Montana	9,160	8,426	.72	.86	9.32	68.3	11.52
Montana.....	8,650	8,432	.75	.89	9.61	69.1	11.65
Wyoming.....	510	8,324	.23	.27	4.47	55.5	9.24
Nebraska	10,638	8,595	.32	.37	4.79	58.5	10.06
Wyoming.....	10,638	8,595	.32	.37	4.79	58.5	10.06
Nevada	6,851	11,169	.50	.45	9.80	139.2	31.10
Arizona.....	4,399	10,933	.51	.46	10.31	134.1	29.33
Colorado.....	48	11,726	.58	.49	7.95	201.3	47.21
Utah.....	2,387	11,601	.49	.43	8.92	147.0	34.12
Wyoming.....	17	9,858	.47	.48	7.51	95.3	18.79
New Hampshire	1,628	13,054	1.42	1.09	6.88	163.2	42.62
Pennsylvania.....	860	13,213	1.47	1.11	7.00	166.0	43.87
Virginia.....	10	13,759	1.46	1.06	5.37	212.5	58.47
West Virginia.....	453	13,215	1.86	1.41	7.28	156.0	41.23
Imported.....	305	12,345	.64	.52	5.98	164.7	40.66
New Jersey	2,087	13,084	1.24	.95	8.54	175.6	45.94
Kentucky	106	13,059	.65	.50	7.47	174.3	45.53
Virginia.....	880	13,634	.78	.57	5.85	174.7	47.64
West Virginia.....	1,101	12,646	1.68	1.33	10.79	176.4	44.63
New Mexico	15,775	9,069	.81	.90	22.71	133.6	24.23
New Mexico.....	15,775	9,069	.81	.90	22.71	133.6	24.23
New York	8,277	13,105	1.80	1.38	7.63	142.4	37.32
Kentucky	789	12,879	.59	.46	8.62	187.2	48.22
Ohio.....	18	12,424	3.64	2.93	8.60	125.3	31.13
Pennsylvania.....	2,745	13,088	1.72	1.32	7.41	136.3	35.67
West Virginia.....	4,228	13,159	2.21	1.68	7.69	134.7	35.44
Imported.....	497	13,131	.65	.49	6.63	172.6	45.32
North Carolina	26,151	12,368	.90	.73	10.50	142.9	35.35
Kentucky	15,342	12,340	.98	.79	10.20	140.3	34.63
Virginia.....	595	12,558	1.13	.90	11.71	129.3	32.48
West Virginia.....	10,174	12,412	.77	.62	10.90	147.5	36.63
Wyoming.....	40	8,892	.50	.56	4.77	178.8	31.80
North Dakota	23,087	6,559	.77	1.17	9.38	77.8	10.21
North Dakota.....	22,979	6,550	.77	1.17	9.40	77.9	10.20
Wyoming.....	107	8,483	.44	.52	5.32	65.0	11.02
Ohio	52,743	11,891	2.01	1.69	11.53	132.1	31.41
Indiana.....	2	11,455	2.20	1.92	9.10	103.2	23.65
Kentucky	8,518	11,828	.91	.77	12.85	130.5	30.87
Montana.....	42	9,049	.28	.31	4.63	149.3	27.03
Ohio.....	21,556	11,775	3.44	2.92	10.73	133.0	31.33
Pennsylvania.....	3,503	12,973	1.82	1.40	8.44	115.7	30.02
Virginia.....	461	13,579	.82	.60	6.55	122.4	33.26
West Virginia.....	17,429	12,036	1.00	.83	13.12	135.9	32.71
Wyoming.....	1,232	8,695	.24	.28	4.71	124.4	21.63

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 22. Destination and Origin of Coal by State, 1997 (Continued)

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
Oklahoma	18,378	8,641	0.30	0.35	4.85	91.8	15.87
Oklahoma	94	12,669	2.81	2.22	8.92	120.7	30.58
Wyoming	18,283	8,620	.29	.34	4.83	91.6	15.80
Oregon	875	8,757	.33	.38	5.41	113.9	19.95
Wyoming	875	8,757	.33	.38	5.41	113.9	19.95
Pennsylvania	43,821	12,279	2.13	1.74	13.03	135.5	33.28
Maryland	14	10,944	.98	.89	22.63	132.5	28.99
Ohio	310	12,031	3.65	3.03	12.89	168.7	40.60
Pennsylvania.....	34,383	12,256	1.90	1.55	13.47	131.0	32.12
West Virginia.....	9,113	12,376	2.95	2.39	11.38	151.2	37.42
South Carolina	11,835	12,855	1.20	.93	8.70	144.7	37.21
Kentucky	10,204	12,856	1.16	.90	8.50	143.7	36.95
Tennessee	392	12,727	1.49	1.17	8.67	150.8	38.39
Virginia.....	1,109	12,892	1.38	1.07	10.67	151.5	39.08
West Virginia.....	130	12,841	1.61	1.25	8.35	149.0	38.26
South Dakota	1,934	8,687	.63	.72	8.88	92.0	15.99
Montana.....	1,934	8,687	.63	.72	8.88	92.0	15.99
Tennessee 1	26,381	11,855	1.90	1.60	9.17	112.5	26.67
Colorado	638	11,232	.51	.46	11.83	114.5	25.73
Illinois.....	2,231	12,116	2.23	1.84	8.97	108.9	26.39
Kentucky	15,850	11,964	2.27	1.90	9.49	112.1	26.82
Pennsylvania.....	813	12,990	2.35	1.81	8.22	111.6	28.99
Tennessee	1,763	12,589	1.22	.97	9.00	117.2	29.51
Utah	1,212	12,168	.57	.47	8.12	121.7	29.62
Virginia.....	1,882	12,736	1.78	1.40	10.50	126.0	32.10
Wyoming.....	1,991	8,765	.40	.45	5.94	89.4	15.67
Texas	92,435	7,423	.75	1.01	11.09	125.9	18.69
Colorado	1,517	10,281	.38	.37	6.10	135.3	27.83
Texas	50,224	6,417	1.07	1.66	15.92	96.0	12.32
Wyoming.....	40,595	8,549	.37	.43	5.31	153.1	26.18
Imported	99	11,619	.37	.32	4.44	175.9	40.88
Utah	15,053	11,330	.48	.42	10.90	111.3	25.22
Colorado	1,960	10,481	.41	.40	9.20	181.1	37.96
Utah	13,070	11,462	.49	.42	11.16	101.7	23.31
Wyoming.....	22	8,837	.24	.27	4.90	128.3	22.68
Virginia	11,930	12,554	1.01	.80	11.58	139.3	34.98
Kentucky	2,872	12,569	1.16	.92	10.46	144.6	36.35
Maryland	30	12,798	1.72	1.35	15.99	151.7	38.83
Virginia.....	6,197	12,617	.99	.78	11.91	134.9	34.05
West Virginia.....	2,831	12,397	.89	.72	11.95	143.6	35.60
Washington	4,792	8,043	.62	.77	13.71	162.6	26.15
Montana.....	355	9,379	.38	.40	4.18	125.8	23.59
Washington.....	4,427	7,931	.64	.81	14.48	166.0	26.33
Imported	10	10,144	.43	.42	12.25	171.4	34.79
West Virginia	31,633	12,398	1.95	1.57	11.88	123.7	30.68
Maryland	2,640	12,251	1.72	1.40	15.63	107.0	26.21
Ohio	1,586	12,568	3.90	3.10	9.33	86.0	21.63
Pennsylvania.....	2,440	12,712	1.49	1.17	10.48	125.4	31.88
West Virginia.....	24,967	12,372	1.90	1.53	11.78	127.7	31.61
Wisconsin	23,410	9,375	.50	.54	5.74	109.0	20.43
Colorado	357	11,834	.55	.47	9.01	136.2	32.24
Illinois.....	719	12,015	1.03	.85	5.53	132.8	31.92
Indiana.....	160	10,852	1.32	1.22	8.85	136.1	29.55
Kentucky	83	12,990	.90	.69	7.93	177.2	46.03
Montana.....	2,082	9,023	.60	.67	6.87	107.3	19.37
New Mexico.....	508	12,199	.56	.46	13.93	156.3	38.14
Pennsylvania.....	2,244	13,195	1.55	1.17	6.96	145.6	38.42
Utah	72	12,305	.55	.44	9.19	163.9	40.33

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 22. Destination and Origin of Coal by State, 1997 (Continued)

Destination Origin	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MMBtu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
Wisconsin (Continued)							
West Virginia.....	24	12,461	0.66	0.53	11.69	146.7	36.56
Wyoming.....	17,160	8,625	.32	.37	5.07	96.4	16.64
Wyoming.....	23,201	8,787	.54	.61	7.61	80.6	14.16
Wyoming.....	23,201	8,787	.54	.61	7.61	80.6	14.16
Total.....	880,588	10,275	1.11	1.08	9.36	127.3	26.16

¹ The cost of coal shown for the States of Alabama, Florida, Kentucky, and Tennessee is not the total delivered cost of coal to these States. For more detailed information see footnotes 3, 4, 5, and 6 at the end of Table 31.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 23. Origin and Destination of Coal by State, 1997

Origin Destination	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
Alabama	16,032	12,275	1.13	0.92	12.35	180.4	44.29
Alabama	15,494	12,283	1.10	.90	12.35	180.9	44.44
Florida	362	11,887	2.03	1.70	13.36	177.4	42.88
Georgia	50	12,150	1.84	1.51	11.55	135.3	32.88
Mississippi.....	126	12,461	1.04	.83	9.73	145.8	36.34
Arizona	11,045	10,940	.53	.49	9.69	124.8	27.31
Arizona	6,646	10,945	.55	.50	9.28	118.6	25.97
Nevada.....	4,399	10,933	.51	.46	10.31	134.1	29.33
Colorado	21,645	10,894	.45	.41	8.56	123.5	26.92
Alabama	827	11,596	.51	.44	9.15	113.2	26.25
Colorado	10,500	10,639	.43	.41	8.24	107.5	22.87
Florida	14	11,131	.60	.54	7.74	182.5	40.63
Illinois.....	1,135	11,594	.53	.45	9.14	135.7	31.47
Iowa.....	467	11,522	.53	.46	10.09	134.6	31.02
Kansas	1,509	10,955	.42	.38	7.73	125.8	27.57
Kentucky	2,118	11,572	.51	.44	9.70	129.5	29.96
Michigan.....	518	12,032	.58	.48	9.63	134.1	32.28
Mississippi.....	36	11,518	.49	.42	7.49	154.8	35.65
Nevada.....	48	11,726	.58	.49	7.95	201.3	47.21
Tennessee	638	11,232	.51	.46	11.83	114.5	25.73
Texas	1,517	10,281	.38	.37	6.10	135.3	27.83
Utah	1,960	10,481	.41	.40	9.20	181.1	37.96
Wisconsin	357	11,834	.55	.47	9.01	136.2	32.24
Illinois	35,182	11,261	2.30	2.04	8.98	135.9	30.62
Alabama	1,557	11,998	1.43	1.19	7.01	132.3	31.75
Florida	6,015	11,902	2.26	1.90	8.01	178.2	42.41
Georgia	1,033	12,040	1.14	.95	7.21	147.4	35.50
Illinois.....	14,315	10,686	2.63	2.46	9.75	124.3	26.56
Indiana.....	4,788	11,030	2.29	2.08	9.87	130.5	28.80
Iowa.....	288	11,166	2.45	2.19	8.83	123.0	27.46
Kansas	129	10,941	2.95	2.70	10.05	106.7	23.36
Kentucky	191	11,822	2.65	2.25	10.77	102.3	24.20
Minnesota.....	114	11,878	1.34	1.13	7.50	163.1	38.74
Mississippi.....	1,149	11,897	1.19	1.00	7.04	138.4	32.93
Missouri.....	2,652	11,354	2.41	2.12	8.92	129.9	29.50
Tennessee	2,231	12,116	2.23	1.84	8.97	108.9	26.39
Wisconsin	719	12,015	1.03	.85	5.53	132.8	31.92
Indiana	30,203	11,060	2.30	2.08	9.36	108.8	24.07
Florida	5	11,216	.70	.62	7.30	164.4	36.88
Illinois.....	1,708	11,128	.98	.88	7.77	142.1	31.63
Indiana.....	25,608	11,055	2.32	2.10	9.41	107.6	23.79
Iowa.....	218	10,882	1.43	1.31	9.29	122.7	26.70
Kentucky	2,336	11,090	3.14	2.83	9.98	92.4	20.50
Michigan.....	162	11,108	2.29	2.06	9.75	136.0	30.21
Minnesota.....	5	11,437	1.43	1.25	8.20	148.9	34.05
Ohio.....	2	11,455	2.20	1.92	9.10	103.2	23.65
Wisconsin	160	10,852	1.32	1.22	8.85	136.1	29.55
Kansas	304	11,264	3.81	3.38	17.17	110.9	24.98
Kansas	246	11,118	3.92	3.52	18.12	106.7	23.72
Missouri.....	58	11,890	3.37	2.84	13.12	127.8	30.38
Kentucky	121,793	12,179	1.67	1.37	10.49	135.6	33.02
Alabama	3,393	12,081	2.33	1.93	10.96	115.2	27.82
Connecticut.....	760	13,094	.51	.39	7.41	191.9	50.25
Florida	14,539	12,484	1.59	1.28	8.74	172.7	43.11
Georgia	14,728	12,581	.99	.79	9.73	155.2	39.04
Illinois.....	226	13,300	.68	.51	5.79	171.1	45.51
Indiana.....	952	12,692	1.61	1.27	7.45	124.8	31.69
Iowa.....	54	11,681	2.64	2.26	7.01	121.9	28.47
Kentucky	26,751	11,429	2.79	2.44	13.42	101.9	23.29
Maryland	601	13,053	.82	.63	6.91	152.2	39.72
Massachusetts.....	717	12,753	.67	.52	7.60	178.8	45.59
Michigan.....	4,007	12,819	.93	.73	8.45	152.1	38.98
Mississippi.....	1,225	12,409	.99	.80	9.07	191.8	47.60
Missouri.....	74	12,595	1.68	1.33	9.12	181.4	45.69

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 23. Origin and Destination of Coal by State, 1997 (Continued)

Origin Destination	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
Kentucky (Continued)							
New Jersey	106	13,059	0.65	0.50	7.47	174.3	45.53
New York	789	12,879	.59	.46	8.62	187.2	48.22
North Carolina	15,342	12,340	.98	.79	10.20	140.3	34.63
Ohio	8,518	11,828	.91	.77	12.85	130.5	30.87
South Carolina	10,204	12,856	1.16	.90	8.50	143.7	36.95
Tennessee	15,850	11,964	2.27	1.90	9.49	112.1	26.82
Virginia	2,872	12,569	1.16	.92	10.46	144.6	36.35
Wisconsin	83	12,990	.90	.69	7.93	177.2	46.03
Louisiana	3,570	6,861	1.10	1.60	12.05	138.4	18.99
Louisiana	3,570	6,861	1.10	1.60	12.05	138.4	18.99
Maryland	3,613	12,457	1.65	1.32	14.04	124.5	31.01
Delaware	161	13,158	1.46	1.11	9.17	147.8	38.89
Maryland	768	13,036	1.45	1.11	9.37	174.8	45.58
Pennsylvania	14	10,944	.98	.89	22.63	132.5	28.99
Virginia	30	12,798	1.72	1.35	15.99	151.7	38.83
West Virginia	2,640	12,251	1.72	1.40	15.63	107.0	26.21
Missouri	251	10,881	3.60	3.31	15.34	109.3	23.78
Kansas	154	10,824	4.09	3.78	16.87	101.0	21.87
Missouri	97	10,972	2.82	2.57	12.90	122.2	26.82
Montana	38,332	9,015	.54	.60	6.71	125.4	22.61
Alabama	25	8,500	.40	.47	5.00	110.0	18.70
Illinois	1,572	9,583	.34	.35	3.91	254.7	48.82
Indiana	1,245	9,579	.34	.35	3.91	253.9	48.65
Iowa	78	9,471	.34	.36	3.86	148.2	28.08
Kansas	104	9,284	.38	.41	4.61	94.6	17.57
Michigan	9,431	9,409	.39	.41	4.52	151.0	28.41
Minnesota	9,592	8,929	.58	.65	7.49	109.7	19.59
Mississippi	3,221	9,323	.39	.42	4.56	145.5	27.13
Montana	8,650	8,432	.75	.89	9.61	69.1	11.65
Ohio	42	9,049	.28	.31	4.63	149.3	27.03
South Dakota	1,934	8,687	.63	.72	8.88	92.0	15.99
Washington	355	9,379	.38	.40	4.18	125.8	23.59
Wisconsin	2,082	9,023	.60	.67	6.87	107.3	19.37
New Mexico	26,243	9,354	.71	.75	19.68	144.9	27.11
Arizona	9,959	9,660	.54	.56	15.17	161.1	31.12
New Mexico	15,775	9,069	.81	.90	22.71	133.6	24.23
Wisconsin	508	12,199	.56	.46	13.93	156.3	38.14
North Dakota	22,979	6,550	.77	1.17	9.40	77.9	10.20
North Dakota	22,979	6,550	.77	1.17	9.40	77.9	10.20
Ohio	25,563	11,819	3.52	2.98	10.77	127.8	30.20
Indiana	1,225	11,264	3.87	3.44	12.65	103.7	23.37
Kentucky	788	12,257	4.40	3.59	11.20	91.2	22.35
Michigan	79	12,060	3.14	2.60	9.24	155.6	37.54
New York	18	12,424	3.64	2.93	8.60	125.3	31.13
Ohio	21,556	11,775	3.44	2.92	10.73	133.0	31.33
Pennsylvania	310	12,031	3.65	3.03	12.89	168.7	40.60
West Virginia	1,586	12,568	3.90	3.10	9.33	86.0	21.63
Oklahoma	132	12,544	3.03	2.42	9.73	120.7	30.28
Kansas	26	12,433	3.68	2.96	11.50	117.4	29.20
Missouri	12	11,801	3.38	2.87	12.31	128.1	30.22
Oklahoma	94	12,669	2.81	2.22	8.92	120.7	30.58
Pennsylvania	53,177	12,536	1.82	1.45	11.55	131.1	32.87
Alabama	85	13,135	2.43	1.85	7.89	112.9	29.65
Delaware	501	13,183	1.36	1.03	7.36	141.6	37.34
Indiana	707	13,068	2.24	1.72	7.97	107.2	28.01
Kentucky	115	12,984	2.24	1.72	8.48	107.2	27.83
Maryland	1,801	13,047	1.46	1.12	8.69	152.3	39.74
Massachusetts	280	13,248	1.38	1.04	7.15	165.9	43.96
Michigan	2,701	13,200	1.53	1.16	6.92	121.8	32.15

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 23. Origin and Destination of Coal by State, 1997 (Continued)

Origin Destination	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
Pennsylvania (Continued)							
New Hampshire	860	13,213	1.47	1.11	7.00	166.0	43.87
New York.....	2,745	13,088	1.72	1.32	7.41	136.3	35.67
Ohio.....	3,503	12,973	1.82	1.40	8.44	115.7	30.02
Pennsylvania.....	34,383	12,256	1.90	1.55	13.47	131.0	32.12
Tennessee.....	813	12,990	2.35	1.81	8.22	111.6	28.99
West Virginia.....	2,440	12,712	1.49	1.17	10.48	125.4	31.88
Wisconsin.....	2,244	13,195	1.55	1.17	6.96	145.6	38.42
Tennessee	3,049	12,531	1.15	.91	10.45	126.1	31.61
Alabama.....	894	12,331	.86	.70	14.09	132.9	32.78
South Carolina.....	392	12,727	1.49	1.17	8.67	150.8	38.39
Tennessee.....	1,763	12,589	1.22	.97	9.00	117.2	29.51
Texas.....	50,224	6,417	1.07	1.66	15.92	96.0	12.32
Texas.....	50,224	6,417	1.07	1.66	15.92	96.0	12.32
Utah.....	18,393	11,548	.49	.42	10.39	115.0	26.56
Alabama.....	122	12,285	.48	.39	6.37	121.5	29.86
Illinois.....	1,377	11,591	.44	.38	8.33	172.8	40.06
Kentucky.....	143	11,872	.64	.54	7.99	134.1	31.85
Missouri.....	11	11,694	.55	.47	8.71	145.3	33.98
Nevada.....	2,387	11,601	.49	.43	8.92	147.0	34.12
Tennessee.....	1,212	12,168	.57	.47	8.12	121.7	29.62
Utah.....	13,070	11,462	.49	.42	11.16	101.7	23.31
Wisconsin.....	72	12,305	.55	.44	9.19	163.9	40.33
Virginia.....	15,346	12,849	1.08	.84	10.26	145.9	37.50
Connecticut.....	4	13,830	.72	.52	5.27	184.2	50.94
Delaware.....	188	13,211	.85	.65	8.98	156.7	41.40
Florida.....	957	12,338	.93	.75	10.18	204.2	50.40
Georgia.....	2,199	12,981	.93	.72	9.32	157.3	40.84
Indiana.....	864	13,855	.74	.54	5.69	157.1	43.52
New Hampshire.....	10	13,759	1.46	1.06	5.37	212.5	58.47
New Jersey.....	880	13,634	.78	.57	5.85	174.7	47.64
North Carolina.....	595	12,558	1.13	.90	11.71	129.3	32.48
Ohio.....	461	13,579	.82	.60	6.55	122.4	33.26
South Carolina.....	1,109	12,892	1.38	1.07	10.67	151.5	39.08
Tennessee.....	1,882	12,736	1.78	1.40	10.50	126.0	32.10
Virginia.....	6,197	12,617	.99	.78	11.91	134.9	34.05
Washington.....	4,427	7,931	.64	.81	14.48	166.0	26.33
Washington.....	4,427	7,931	.64	.81	14.48	166.0	26.33
West Virginia.....	104,163	12,385	1.48	1.19	11.44	141.1	34.95
Alabama.....	2,756	12,187	1.53	1.26	12.28	132.5	32.31
Connecticut.....	153	13,244	.63	.47	6.85	188.5	49.93
Delaware.....	833	12,938	.72	.56	9.26	168.6	43.62
Florida.....	2,546	12,682	1.47	1.16	9.87	169.5	43.00
Georgia.....	4,688	11,963	.70	.58	13.62	181.4	43.40
Illinois.....	47	11,891	.85	.72	10.77	145.7	34.65
Indiana.....	1,257	12,442	1.20	.96	10.46	137.8	34.30
Iowa.....	11	11,613	2.41	2.08	8.70	154.6	35.90
Kentucky.....	6,607	12,321	1.69	1.37	11.10	111.8	27.56
Maryland.....	6,969	12,853	1.04	.81	9.83	146.5	37.65
Massachusetts.....	2,088	12,562	.70	.56	10.18	170.5	42.84
Michigan.....	5,757	12,413	1.11	.89	11.01	152.6	37.87
New Hampshire.....	453	13,215	1.86	1.41	7.28	156.0	41.23
New Jersey.....	1,101	12,646	1.68	1.33	10.79	176.4	44.63
New York.....	4,228	13,159	2.21	1.68	7.69	134.7	35.44
North Carolina.....	10,174	12,412	.77	.62	10.90	147.5	36.63
Ohio.....	17,429	12,036	1.00	.83	13.12	135.9	32.71
Pennsylvania.....	9,113	12,376	2.95	2.39	11.38	151.2	37.42
South Carolina.....	130	12,841	1.61	1.25	8.35	149.0	38.26
Virginia.....	2,831	12,397	.89	.72	11.95	143.6	35.60
West Virginia.....	24,967	12,372	1.90	1.53	11.78	127.7	31.61
Wisconsin.....	24	12,461	.66	.53	11.69	146.7	36.56

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 23. Origin and Destination of Coal by State, 1997 (Continued)

Origin Destination	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short Ton)
Wyoming	270,052	8,666	0.35	0.40	5.29	114.6	19.87
Alabama.....	5,226	8,592	.25	.30	4.52	113.4	19.49
Arizona.....	183	8,770	.35	.40	5.55	108.2	18.99
Arkansas.....	11,879	8,707	.33	.37	5.12	164.0	28.56
Colorado.....	6,211	8,574	.29	.34	4.69	87.2	14.95
Florida.....	971	8,720	.43	.49	5.29	141.0	24.59
Georgia.....	5,369	8,739	.40	.45	5.44	150.4	26.29
Illinois.....	20,370	8,781	.33	.37	5.11	174.8	30.70
Indiana.....	16,706	8,833	.30	.34	4.92	112.6	19.89
Iowa.....	15,559	8,482	.39	.46	5.28	90.3	15.31
Kansas.....	14,503	8,447	.36	.43	4.91	98.8	16.69
Kentucky.....	502	9,891	.51	.51	7.24	109.2	21.60
Louisiana.....	9,597	8,563	.46	.54	5.42	150.8	25.82
Michigan.....	9,490	8,794	.30	.34	5.03	105.7	18.59
Minnesota.....	7,880	8,808	.27	.31	4.87	108.1	19.04
Mississippi.....	285	8,677	.46	.53	5.69	133.8	23.22
Missouri.....	30,649	8,768	.28	.32	4.96	88.8	15.56
Montana.....	510	8,324	.23	.27	4.47	55.5	9.24
Nebraska.....	10,638	8,595	.32	.37	4.79	58.5	10.06
Nevada.....	17	9,858	.47	.48	7.51	95.3	18.79
North Carolina.....	40	8,892	.50	.56	4.77	178.8	31.80
North Dakota.....	107	8,483	.44	.52	5.32	65.0	11.02
Ohio.....	1,232	8,695	.24	.28	4.71	124.4	21.63
Oklahoma.....	18,283	8,620	.29	.34	4.83	91.6	15.80
Oregon.....	875	8,757	.33	.38	5.41	113.9	19.95
Tennessee.....	1,991	8,765	.40	.45	5.94	89.4	15.67
Texas.....	40,595	8,549	.37	.43	5.31	153.1	26.18
Utah.....	22	8,837	.24	.27	4.90	128.3	22.68
Wisconsin.....	17,160	8,625	.32	.37	5.07	96.4	16.64
Wyoming.....	23,201	8,787	.54	.61	7.61	80.6	14.16
Imported	4,871	11,848	.68	.57	5.81	159.5	37.80
Connecticut.....	35	13,387	.64	.48	4.30	169.6	45.41
Florida.....	2,185	11,122	.65	.59	5.29	153.2	34.08
Georgia.....	279	11,949	1.28	1.07	7.72	135.1	32.29
Massachusetts.....	1,460	12,365	.65	.52	6.01	165.4	40.90
New Hampshire.....	305	12,345	.64	.52	5.98	164.7	40.66
New York.....	497	13,131	.65	.49	6.63	172.6	45.32
Texas.....	99	11,619	.37	.32	4.44	175.9	40.88
Washington.....	10	10,144	.43	.42	12.25	171.4	34.79
Total	880,588	10,275	1.11	1.08	9.36	127.3	26.16

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • MM Btu = million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama Electric Coop Inc Lowman	1,413	12,124	1.82	1.50	9.93	140.1	33.96
Alabama	705	11,986	2.19	1.83	11.96	137.3	32.92
Fayette	295	12,016	1.84	1.53	11.74	142.4	34.21
Jefferson	400	11,971	2.43	2.03	12.06	133.7	32.02
Walker	9	11,674	2.92	2.50	14.49	131.2	30.63
Illinois	302	12,115	1.24	1.02	6.97	144.3	34.96
Gallatin	51	12,498	2.65	2.12	9.02	127.4	31.84
Jefferson	251	12,038	.95	.79	6.55	147.8	35.59
Kentucky	406	12,371	1.62	1.31	8.60	141.6	35.03
Breathitt	192	12,360	1.22	.99	10.66	144.7	35.78
Letcher	103	12,844	1.14	.89	7.68	148.1	38.05
Union	110	11,947	2.77	2.32	5.86	129.2	30.88
Alabama Power Co Barry¹	3,147	12,148	.78	.64	10.77	183.3	44.52
Alabama	2,099	12,206	.72	.59	12.70	206.3	50.35
Jefferson	2,099	12,206	.72	.59	12.70	206.3	50.35
Illinois	915	12,010	.90	.75	6.15	135.0	32.44
Jefferson	915	12,010	.90	.75	6.15	135.0	32.44
Kentucky	34	11,970	.81	.67	11.42	147.5	35.32
Floyd	15	12,014	.78	.65	13.28	146.7	35.25
Magoffin	19	11,933	.83	.69	9.90	148.2	35.38
West Virginia	99	12,263	.82	.67	12.39	146.6	35.95
Boone	17	12,006	.78	.65	11.89	144.8	34.77
Clay	82	12,316	.82	.67	12.49	146.9	36.19
Alabama Power Co Gadsden	220	12,918	2.01	1.56	11.60	168.5	43.53
Alabama	220	12,918	2.01	1.56	11.60	168.5	43.53
Jefferson	115	13,120	1.91	1.45	10.93	194.8	51.13
Tuscaloosa	18	12,763	2.08	1.63	12.33	126.6	32.32
Walker	87	12,682	2.14	1.68	12.35	141.2	35.83
Alabama Power Co Gaston	4,231	12,270	.95	.77	12.06	168.6	41.38
Alabama	3,331	12,310	.99	.80	11.93	172.6	42.51
Fayette	693	12,071	1.83	1.51	11.86	125.7	30.35
Jefferson	303	12,412	.58	.47	12.23	217.5	54.00
Shelby	689	12,643	.68	.53	9.93	146.1	36.95
Tuscaloosa	1,409	12,398	.77	.62	12.33	203.3	50.41
Walker	237	11,389	1.29	1.14	15.19	143.0	32.56
Kentucky	89	12,041	1.30	1.08	11.27	144.7	34.85
Harlan	89	12,041	1.30	1.08	11.27	144.7	34.85
West Virginia	811	12,128	.75	.62	12.68	154.6	37.49
Lincoln	811	12,128	.75	.62	12.68	154.6	37.49
Alabama Power Co Gorgas¹	4,640	12,158	1.58	1.30	13.12	159.9	38.89
Alabama	4,640	12,158	1.58	1.30	13.12	159.9	38.89
Bibb	127	11,742	.92	.79	14.47	125.5	29.47
Fayette	905	12,133	1.86	1.54	11.69	142.5	34.57
Jefferson	1,680	12,229	1.50	1.23	13.68	176.1	43.07
Tuscaloosa	304	12,038	2.09	1.74	13.41	131.8	31.72
Walker	1,625	12,154	1.45	1.19	13.16	160.6	39.04
Alabama Power Co Greene	1,321	12,203	1.55	1.27	12.10	125.7	30.67
Alabama	135	11,873	2.07	1.75	12.99	148.9	35.36
Walker	135	11,873	2.07	1.75	12.99	148.9	35.36
Kentucky	530	12,145	2.14	1.76	11.41	117.3	28.49
Union	530	12,145	2.14	1.76	11.41	117.3	28.49
West Virginia	656	12,317	.97	.79	12.48	127.7	31.46
Clay	656	12,317	.97	.79	12.48	127.7	31.46
Alabama Power Co James Miller	9,591	10,351	.42	.41	7.81	163.8	33.91
Alabama	4,364	12,460	.62	.50	11.77	205.3	51.17
Jefferson	3,728	12,438	.62	.50	11.89	203.7	50.67
Tuscaloosa	609	12,624	.66	.52	10.88	215.6	54.43
Walker	26	11,791	.66	.56	14.07	195.4	46.08
Montana	25	8,500	.40	.47	5.00	110.0	18.70
Big Horn	25	8,500	.40	.47	5.00	110.0	18.70

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Alabama Power Co James Miller							
Wyoming.....	5,202	8,591	0.25	0.30	4.51	113.5	19.50
Campbell.....	5,202	8,591	.25	.30	4.51	113.5	19.50
American Mun Power Ohio Inc Richard Gorsuch	737	11,598	5.06	4.37	15.16	83.5	19.37
Ohio.....	737	11,598	5.06	4.37	15.16	83.5	19.37
Noble.....	737	11,598	5.06	4.37	15.16	83.5	19.37
Ames City of Ames	225	8,851	.22	.25	4.40	147.4	26.09
Wyoming.....	225	8,851	.22	.25	4.40	147.4	26.09
Campbell.....	225	8,851	.22	.25	4.40	147.4	26.09
Appalachian Power Co Amos	5,059	12,328	.78	.64	11.44	152.5	37.61
West Virginia.....	5,059	12,328	.78	.64	11.44	152.5	37.61
Boone.....	3,483	12,367	.81	.66	10.99	164.3	40.65
Clay.....	51	12,376	1.16	.94	11.75	134.2	33.22
Fayette.....	38	12,098	.88	.73	13.00	111.7	27.03
Kanawha.....	103	12,169	.85	.70	13.04	112.2	27.30
Logan.....	1,384	12,244	.69	.56	12.39	127.3	31.18
Appalachian Power Co Clinch River	1,934	12,450	.77	.62	13.81	129.9	32.34
Virginia.....	1,934	12,450	.77	.62	13.81	129.9	32.34
Buchanan.....	14	12,298	.97	.79	12.73	121.7	29.93
Dickenson.....	24	13,044	.90	.69	10.72	110.3	28.77
Russell.....	1,528	12,345	.74	.60	14.70	131.7	32.51
Wise.....	368	12,855	.89	.69	10.33	124.3	31.96
Appalachian Power Co Glen Lyn	579	12,672	.89	.70	10.71	139.2	35.28
Virginia.....	579	12,672	.89	.70	10.71	139.2	35.28
Buchanan.....	261	12,300	.86	.70	12.13	138.1	33.97
Wise.....	318	12,977	.91	.70	9.54	140.1	36.35
Appalachian Power Co Kanawha River	941	13,124	.78	.59	12.12	136.7	35.89
West Virginia.....	941	13,124	.78	.59	12.12	136.7	35.89
Boone.....	201	12,223	.82	.67	12.95	114.6	28.01
Clay.....	308	12,571	.74	.59	11.11	172.6	43.39
Fayette.....	101	12,298	.75	.61	12.15	142.7	35.10
Kanawha.....	331	14,439	.79	.55	12.55	117.5	33.94
Appalachian Power Co Mountaineer	2,441	12,236	.64	.52	11.17	153.1	37.46
West Virginia.....	2,441	12,236	.64	.52	11.17	153.1	37.46
Boone.....	941	12,406	.64	.52	11.01	175.1	43.45
Clay.....	53	12,287	.66	.54	12.52	111.4	27.38
Fayette.....	10	12,287	.66	.54	12.52	111.4	27.38
Kanawha.....	57	12,304	.64	.52	12.81	112.9	27.78
Logan.....	536	12,267	.64	.52	12.39	144.0	35.32
Wayne.....	844	12,018	.63	.53	10.35	139.6	33.55
Arizona Electric Pwr Coop Inc Apache	1,296	9,678	.56	.58	14.82	113.3	21.93
New Mexico.....	1,296	9,678	.56	.58	14.82	113.3	21.93
Mckinley.....	1,296	9,678	.56	.58	14.82	113.3	21.93
Arizona Public Service Co Cholla	3,187	9,777	.43	.44	13.54	143.9	28.15
New Mexico.....	3,004	9,839	.44	.45	14.02	145.9	28.70
Mckinley.....	3,004	9,839	.44	.45	14.02	145.9	28.70
Wyoming.....	183	8,770	.35	.40	5.55	108.2	18.99
Campbell.....	126	8,777	.37	.42	5.31	106.3	18.66
Converse.....	57	8,757	.29	.33	6.09	112.5	19.70
Arizona Public Service Co Four Corners	7,848	8,836	.78	.88	21.83	111.6	19.73
New Mexico.....	7,848	8,836	.78	.88	21.83	111.6	19.73
San Juan.....	7,848	8,836	.78	.88	21.83	111.6	19.73
Arkansas Power & Light Co Independence	5,019	8,795	.21	.24	4.94	155.4	27.33
Wyoming.....	5,019	8,795	.21	.24	4.94	155.4	27.33
Campbell.....	5,019	8,795	.21	.24	4.94	155.4	27.33
Arkansas Power & Light Co Whitebluff	4,846	8,714	.43	.49	5.46	179.8	31.34

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Arkansas Power & Light Co Whitebluff							
Wyoming.....	4,846	8,714	0.43	0.49	5.46	179.8	31.34
Campbell.....	4,846	8,714	.43	.49	5.46	179.8	31.34
Associated Electric Coop Inc Hill	4,227	8,704	.21	.24	4.68	74.4	12.95
Wyoming.....	4,227	8,704	.21	.24	4.68	74.4	12.95
Campbell.....	4,227	8,704	.21	.24	4.68	74.4	12.95
Associated Electric Coop Inc Madrid	4,196	8,783	.23	.26	4.71	96.5	16.95
Kentucky.....	28	11,958	2.73	2.28	11.84	134.7	32.21
Henderson.....	3	11,172	2.43	2.18	8.40	132.0	29.49
Union.....	25	12,054	2.77	2.30	12.26	135.0	32.54
Utah.....	11	11,694	.55	.47	8.71	145.3	33.98
Carbon.....	11	11,694	.55	.47	8.71	145.3	33.98
Wyoming.....	4,157	8,753	.21	.24	4.65	96.0	16.80
Campbell.....	4,157	8,753	.21	.24	4.65	96.0	16.80
Atlantic City Electric Co Deepwater	190	12,762	.70	.55	10.36	182.2	46.51
West Virginia.....	190	12,762	.70	.55	10.36	182.2	46.51
Webster.....	190	12,762	.70	.55	10.36	182.2	46.51
Atlantic City Electric Co England	580	12,669	2.43	1.92	10.71	178.9	45.32
West Virginia.....	580	12,669	2.43	1.92	10.71	178.9	45.32
Marion.....	87	12,751	2.56	2.01	10.08	179.8	45.86
Upshur.....	493	12,654	2.41	1.90	10.82	178.7	45.22
Baltimore Gas & Electric Co Crane	745	13,260	1.78	1.34	7.30	138.7	36.78
West Virginia.....	745	13,260	1.78	1.34	7.30	138.7	36.78
Barbour.....	159	13,075	1.13	.87	8.23	160.3	41.92
Gilmer.....	21	13,194	1.19	.90	8.10	160.0	42.22
Marion.....	226	13,281	2.11	1.59	7.29	129.5	34.40
Monongalia.....	271	13,400	2.09	1.56	6.51	127.1	34.06
Upshur.....	68	13,085	1.17	.89	8.05	160.0	41.88
Baltimore Gas & Electric Co Brandon Shores	3,356	12,590	.68	.54	10.71	141.9	35.73
Kentucky.....	485	13,051	.75	.58	6.84	147.3	38.45
Letcher.....	485	13,051	.75	.58	6.84	147.3	38.45
West Virginia.....	2,871	12,512	.67	.54	11.37	140.9	35.27
Boone.....	1,057	12,544	.67	.53	11.26	142.4	35.72
Kanawha.....	45	12,425	.71	.57	12.27	141.9	35.26
Logan.....	1,327	12,393	.66	.53	11.65	140.7	34.87
Nicholas.....	107	12,547	.69	.55	11.67	126.7	31.79
Webster.....	335	12,886	.70	.55	10.36	141.6	36.50
Baltimore Gas & Electric Co Wagner	1,084	12,976	.84	.65	9.35	141.0	36.59
Kentucky.....	36	13,151	.81	.61	6.26	141.1	37.12
Letcher.....	21	12,992	.79	.61	6.59	144.0	37.42
Pike.....	15	13,372	.82	.61	5.80	137.2	36.69
West Virginia.....	1,048	12,970	.84	.65	9.46	141.0	36.57
Webster.....	1,048	12,970	.84	.65	9.46	141.0	36.57
Basin Electric Power Coop Laramie River	5,993	8,393	.39	.46	5.11	51.9	8.72
Wyoming.....	5,993	8,393	.39	.46	5.11	51.9	8.72
Campbell.....	5,993	8,393	.39	.46	5.11	51.9	8.72
Basin Electric Power Coop Antelope Valley	5,372	6,500	.70	1.08	9.32	84.2	10.94
North Dakota.....	5,372	6,500	.70	1.08	9.32	84.2	10.94
Mercer.....	5,372	6,500	.70	1.08	9.32	84.2	10.94
Basin Electric Power Coop Leland Olds	3,688	6,698	.69	1.04	7.87	81.4	10.90
North Dakota.....	3,580	6,644	.70	1.06	7.95	82.0	10.90
Mercer.....	3,480	6,644	.70	1.05	7.91	81.5	10.83
Oliver.....	100	6,662	.83	1.25	9.11	101.3	13.50
Wyoming.....	107	8,483	.44	.52	5.32	65.0	11.02
Campbell.....	107	8,483	.44	.52	5.32	65.0	11.02
Big Rivers Electric Corp D B Wilson	1,238	11,383	3.33	2.92	13.18	98.7	22.46

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Big Rivers Electric Corp D B Wilson							
Kentucky	1,238	11,383	3.33	2.92	13.18	98.7	22.46
Henderson	592	11,471	3.14	2.74	11.97	101.9	23.38
Hopkins	150	11,280	3.15	2.79	12.92	102.5	23.13
Muhlenberg	2	11,228	3.43	3.05	10.20	85.3	19.15
Ohio	2	11,228	3.43	3.05	10.20	85.3	19.15
Perry	5	12,463	.72	.58	7.50	95.0	23.68
Webster	487	11,297	3.63	3.22	14.82	93.6	21.14
Big Rivers Electric Corp R D Green	1,484	11,064	3.36	3.04	14.06	88.1	19.50
Kentucky	1,484	11,064	3.36	3.04	14.06	88.1	19.50
Butler	54	10,137	2.22	2.19	18.70	86.0	17.44
Floyd	44	10,838	3.05	2.81	11.38	78.8	17.08
Henderson	313	11,100	3.39	3.05	11.58	83.6	18.55
Hopkins	28	11,397	2.98	2.62	12.74	90.2	20.56
Martin	79	11,093	1.45	1.31	17.69	111.6	24.75
Muhlenberg	88	10,786	3.50	3.24	12.50	84.2	18.17
Ohio	88	10,785	3.50	3.24	12.50	84.2	18.17
Webster	789	11,173	3.62	3.24	14.92	88.9	19.88
Big Rivers Electric Corp Coleman	1,455	11,610	1.70	1.46	11.44	111.7	25.94
Indiana	5	11,049	1.64	1.48	9.70	102.7	22.69
Dubois	5	11,049	1.64	1.48	9.70	102.7	22.69
Kentucky	1,444	11,611	1.70	1.46	11.43	111.8	25.96
Butler	5	11,455	1.21	1.06	9.74	118.8	27.21
Floyd	154	11,706	1.51	1.29	12.52	111.2	26.03
Henderson	367	11,245	2.45	2.18	8.08	105.2	23.66
Knott	410	11,643	1.41	1.21	12.93	114.9	26.76
Martin	434	11,865	1.47	1.24	12.43	114.2	27.10
Ohio	14	10,931	1.16	1.06	9.34	98.6	21.55
Pike	61	11,718	1.38	1.18	12.32	115.3	27.02
Pennsylvania	6	11,856	1.35	1.14	15.00	99.8	23.66
Greene	6	11,856	1.35	1.14	15.00	99.8	23.66
Big Rivers Electric Corp Reid-Henderson II	990	11,589	2.80	2.41	10.16	100.5	23.29
Kentucky	990	11,589	2.80	2.41	10.16	100.5	23.29
Daviess	239	11,212	2.43	2.16	9.97	106.0	23.78
Floyd	43	11,245	2.69	2.39	11.06	87.8	19.75
Henderson	41	11,403	3.58	3.14	10.16	80.2	18.28
Hopkins	633	11,759	2.88	2.45	10.03	100.5	23.64
Martin	6	11,259	1.42	1.26	16.70	111.1	25.02
Webster	28	11,850	3.30	2.78	11.80	98.9	23.45
Black Hills Corp Neal Simpson II	500	7,988	.69	.87	7.73	50.1	8.01
Wyoming	500	7,988	.69	.87	7.73	50.1	8.01
Campbell	500	7,988	.69	.87	7.73	50.1	8.01
Cajun Electric Power Coop Inc Big Cajun No.2	5,762	8,467	.45	.53	5.27	154.9	26.23
Wyoming	5,762	8,467	.45	.53	5.27	154.9	26.23
Campbell	5,762	8,467	.45	.53	5.27	154.9	26.23
Cardinal Operating Co Cardinal	4,066	12,131	1.91	1.57	11.58	167.6	40.66
Kentucky	427	12,511	.70	.56	8.78	142.5	35.67
Knott	213	12,511	.70	.56	8.78	142.5	35.67
Magoffin	213	12,511	.70	.56	8.78	142.5	35.67
Ohio	1,185	11,937	3.37	2.82	11.54	106.8	25.50
Belmont	623	11,839	3.03	2.56	12.51	106.9	25.31
Gallia	42	11,059	2.47	2.23	11.77	124.5	27.55
Jackson	42	11,059	2.47	2.23	11.77	124.5	27.55
Monroe	433	12,338	4.11	3.33	10.07	102.0	25.16
Vinton	43	11,059	2.47	2.23	11.77	124.5	27.55
West Virginia	2,381	12,263	1.45	1.18	12.29	202.3	49.61
Brooke	525	12,363	3.73	3.01	9.93	364.6	90.14
Kanawha	1,118	12,229	.70	.57	13.05	170.8	41.78
Logan	207	12,188	.65	.53	13.11	165.4	40.31
Marshall	28	12,285	3.44	2.80	11.16	102.1	25.10
Webster	503	12,266	.95	.77	12.81	122.0	29.93

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Cardinal Operating Co Cardinal							
Wyoming.....	73	8,759	0.35	0.40	5.32	136.7	23.95
Campbell.....	73	8,759	.35	.40	5.32	136.7	23.95
Carolina Power & Light Co Asheville							
Kentucky.....	961	12,606	1.09	.86	11.22	138.8	34.99
Bell.....	533	12,568	1.11	.88	10.94	132.8	33.38
Harlan.....	230	12,537	1.13	.90	9.93	133.5	33.47
Pike.....	28	11,178	.79	.71	20.27	140.4	31.39
Virginia.....	275	12,737	1.13	.89	10.83	131.5	33.51
Wise.....	281	12,755	1.16	.91	11.24	133.7	34.11
West Virginia.....	281	12,755	1.16	.91	11.24	133.7	34.11
Boone.....	147	12,459	.88	.71	12.19	170.5	42.49
Boone.....	147	12,459	.88	.71	12.19	170.5	42.49
Carolina Power & Light Co Cape Fear							
Kentucky.....	664	12,275	.96	.78	10.67	150.0	36.82
Knott.....	487	12,219	.98	.80	11.00	150.2	36.72
Martin.....	7	12,233	1.04	.85	11.50	140.8	34.45
Perry.....	326	12,250	.98	.80	10.59	153.5	37.61
Pike.....	75	11,835	1.02	.86	12.83	143.4	33.94
West Virginia.....	79	12,454	.94	.75	10.91	144.1	35.89
Boone.....	177	12,430	.90	.72	9.74	149.3	37.11
Mingo.....	22	12,415	.94	.76	11.76	167.5	41.59
Wayne.....	78	12,449	.87	.70	10.28	142.4	35.45
Wayne.....	77	12,415	.91	.74	8.61	151.1	37.52
Carolina Power & Light Co Lee							
Kentucky.....	563	12,375	.92	.74	9.89	152.8	37.82
Knott.....	306	12,327	.97	.79	10.38	151.3	37.30
Letcher.....	22	12,293	1.16	.94	11.82	143.7	35.34
Martin.....	8	12,209	1.28	1.05	10.80	143.6	35.06
Perry.....	185	12,331	.97	.79	10.13	154.0	37.98
Pike.....	15	11,902	.96	.81	12.86	147.2	35.04
Unknown ²	23	12,443	.90	.73	12.44	140.9	35.07
West Virginia.....	53	12,412	.87	.70	9.01	151.8	37.68
Boone.....	257	12,431	.86	.69	9.31	154.6	38.43
Logan.....	52	12,784	.70	.55	10.58	166.6	42.59
Mingo.....	15	11,746	.95	.81	14.90	138.1	32.43
Wayne.....	38	12,638	.92	.73	9.85	144.8	36.59
Wayne.....	153	12,326	.89	.72	8.22	154.4	38.06
Carolina Power & Light Co Mayo							
Kentucky.....	1,880	11,941	.68	.57	12.83	162.6	38.82
Martin.....	61	12,592	.65	.52	8.93	145.5	36.63
West Virginia.....	61	12,592	.65	.52	8.93	145.5	36.63
Logan.....	1,806	11,940	.68	.57	13.02	163.1	38.95
Mingo.....	55	12,161	.72	.59	12.39	158.9	38.64
Unknown ²	1,740	11,933	.68	.57	13.03	163.2	38.96
Wyoming.....	11	12,000	.72	.60	13.20	162.3	38.95
Campbell.....	13	8,963	.50	.56	4.70	177.4	31.80
Campbell.....	13	8,963	.50	.56	4.70	177.4	31.80
Carolina Power & Light Co Robinson							
Kentucky.....	257	11,721	1.39	1.18	14.16	144.6	33.90
Bell.....	257	11,721	1.39	1.18	14.16	144.6	33.90
Boyd.....	1	11,517	1.58	1.37	15.40	150.0	34.55
Knott.....	35	11,583	1.14	.98	15.20	143.7	33.29
Perry.....	144	11,535	1.42	1.23	15.42	144.5	33.34
Perry.....	77	12,130	1.43	1.18	11.36	145.2	35.23
Carolina Power & Light Co Roxboro							
Kentucky.....	5,120	12,276	.85	.69	11.42	149.6	36.74
Johnson.....	1,595	12,201	.96	.79	11.17	139.2	33.97
Martin.....	387	11,811	1.21	1.02	13.39	132.8	31.37
Pike.....	833	12,359	.91	.74	10.02	139.4	34.46
Unknown ²	341	12,449	.77	.62	10.21	147.8	36.81
West Virginia.....	35	10,343	1.31	1.27	23.40	113.0	23.37
Boone.....	3,498	12,336	.81	.65	11.59	154.2	38.04
Logan.....	1,149	12,656	.88	.70	11.87	165.1	41.79
Mingo.....	156	12,866	.71	.55	9.02	146.3	37.66
Summers.....	1,824	12,095	.75	.62	11.96	150.9	36.50
Wayne.....	10	12,345	.91	.74	8.30	145.0	35.80
Wayne.....	243	12,462	.92	.73	8.40	143.3	35.73

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Carolina Power & Light Co Roxboro							
West Virginia							
Wyoming.....	50	12,456	0.71	0.57	11.37	126.5	31.50
Unknown ²	66	11,631	.95	.82	14.86	129.2	30.06
Wyoming.....	27	8,857	.50	.56	4.80	179.5	31.80
Campbell.....	27	8,857	.50	.56	4.80	179.5	31.80
Carolina Power & Light Co Sutton							
Kentucky.....	790	12,473	1.08	.86	10.53	149.1	37.20
Floyd.....	676	12,404	1.10	.89	10.69	145.3	36.05
Knott.....	44	12,456	1.04	.83	9.86	154.4	38.46
Letcher.....	411	12,499	1.09	.87	10.53	145.2	36.31
Magoffin.....	69	12,673	1.24	.98	8.83	142.9	36.21
Perry.....	9	12,494	.93	.74	9.10	135.2	33.78
Unknown ²	134	12,009	1.10	.92	12.30	144.4	34.68
West Virginia.....	9	11,535	.80	.69	14.00	147.4	34.01
Boone.....	114	12,881	.95	.74	9.58	170.9	44.01
Unknown ²	105	12,862	.95	.74	9.71	171.1	44.02
Logan.....	9	13,111	.92	.70	8.00	167.8	44.00
Carolina Power & Light Co Weatherspoon							
Kentucky.....	293	12,375	1.01	.82	11.07	157.7	39.04
Harlan.....	163	12,210	1.09	.89	11.44	151.3	36.94
Knott.....	7	12,068	.96	.79	11.96	158.0	38.14
Perry.....	85	12,252	1.10	.90	11.89	151.3	37.07
Pike.....	70	12,187	1.08	.89	10.75	150.6	36.70
West Virginia.....	1	11,273	1.25	1.11	18.20	151.9	34.25
Boone.....	130	12,581	.91	.73	10.60	165.6	41.67
Logan.....	95	12,632	.95	.75	10.80	173.8	43.90
Union.....	35	12,443	.83	.67	10.03	143.0	35.59
Cedar Falls City of Streeter							
Colorado.....	28	11,532	2.25	1.95	8.40	157.9	36.41
Routt.....	1	11,438	.50	.44	7.80	209.8	47.99
Illinois.....	1	11,438	.50	.44	7.80	209.8	47.99
Jefferson.....	3	12,029	2.25	1.87	8.29	173.1	41.65
Saline.....	*	9,946	.74	.74	5.65	171.0	34.02
Kentucky.....	3	12,119	2.32	1.91	8.40	173.2	41.98
Union.....	11	11,613	2.41	2.08	8.70	154.6	35.90
Montana.....	11	11,613	2.41	2.08	8.70	154.6	35.90
Big Horn.....	2	9,300	.42	.45	4.34	157.7	29.34
West Virginia.....	2	9,300	.42	.45	4.34	157.7	29.34
Kanawha.....	11	11,613	2.41	2.08	8.70	154.6	35.90
Union.....	11	11,613	2.41	2.08	8.70	154.6	35.90
Central Electric Pwr Coop-MO Chamois							
Illinois.....	140	10,956	2.77	2.53	8.90	131.9	28.90
McDonough.....	140	10,961	2.77	2.53	8.91	132.0	28.93
Randolph.....	39	10,699	2.95	2.76	8.03	131.1	28.06
Wyoming.....	101	11,063	2.71	2.45	9.26	132.3	29.26
Campbell.....	*	8,700	.20	.23	4.50	88.0	15.31
Campbell.....	*	8,700	.20	.23	4.50	88.0	15.31
Central Hudson Gas & Elec Corp Danskammer							
Kentucky.....	816	13,131	.64	.49	7.14	174.6	45.85
Martin.....	72	12,933	.66	.51	8.45	180.2	46.62
West Virginia.....	72	12,933	.66	.51	8.45	180.2	46.62
Mingo.....	246	13,191	.62	.47	7.78	177.0	46.70
Nicholas.....	35	13,038	.69	.53	8.35	187.0	48.75
Unknown ²	199	13,221	.61	.46	7.74	175.4	46.37
Imported.....	12	13,134	.61	.46	6.85	176.1	46.26
Imported Coal.....	497	13,131	.65	.49	6.63	172.6	45.32
Imported Coal.....	497	13,131	.65	.49	6.63	172.6	45.32
Central Illinois Light Co Duck Creek							
Illinois.....	860	10,925	3.61	3.31	8.28	195.4	42.70
Jefferson.....	860	10,925	3.61	3.31	8.28	195.4	42.70
Macoupin.....	9	13,368	1.76	1.32	8.00	125.1	33.45
Macoupin.....	851	10,900	3.63	3.33	8.28	196.3	42.80
Central Illinois Light Co Edwards							
	1,795	11,030	2.19	1.99	8.01	130.2	28.72

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Central Illinois Light Co Edwards							
Illinois	1,569	10,704	2.41	2.25	8.33	122.9	26.30
Jefferson.....	116	12,490	1.09	.88	5.96	126.2	31.53
Logan	346	10,481	3.13	2.98	9.19	112.7	23.62
Macoupin	1,107	10,586	2.32	2.19	8.31	125.6	26.60
Kentucky	226	13,300	.68	.51	5.79	171.1	45.51
Perry.....	136	13,325	.74	.56	5.57	171.0	45.58
Pike	90	13,262	.58	.44	6.13	171.2	45.41
Central Illinois Pub Serv Co Grand Tower	451	11,026	3.06	2.77	9.86	103.3	22.79
Illinois	451	11,026	3.06	2.77	9.86	103.3	22.79
Perry.....	252	11,010	3.09	2.80	9.91	104.5	23.02
Randolph.....	198	11,047	3.02	2.73	9.79	101.8	22.50
Central Illinois Pub Serv Co Hutsonville	389	11,354	2.49	2.19	8.43	111.6	25.34
Indiana.....	389	11,354	2.49	2.19	8.43	111.6	25.34
Clay	42	11,137	2.86	2.56	9.88	126.9	28.26
Daviess.....	219	11,442	2.66	2.32	8.43	107.2	24.53
Greene.....	77	11,502	2.57	2.24	7.65	107.2	24.66
Knox	8	10,962	2.01	1.83	9.60	125.9	27.60
Sullivan	42	10,915	1.14	1.04	8.15	125.7	27.44
Central Illinois Pub Serv Co Coffeen	2,009	10,354	1.17	1.13	8.56	170.9	35.39
Colorado.....	22	10,273	.33	.32	6.70	137.0	28.15
Moffat	22	10,273	.33	.32	6.70	137.0	28.15
Illinois	1,987	10,355	1.18	1.14	8.58	171.3	35.47
Jefferson.....	16	12,150	1.00	.82	10.00	142.3	34.58
Macoupin	1,741	10,322	1.15	1.11	8.47	176.9	36.52
Perry.....	22	11,100	3.30	2.97	9.20	123.3	27.37
Randolph.....	8	11,147	3.01	2.70	9.20	118.6	26.44
Wabash	200	10,390	1.22	1.18	9.32	133.2	27.69
Central Illinois Pub Serv Co Newton	2,347	11,123	.54	.48	7.79	143.7	31.97
Colorado.....	659	11,424	.49	.43	9.30	135.3	30.91
Routt	659	11,424	.49	.43	9.30	135.3	30.91
Indiana.....	1,310	11,061	.53	.48	7.58	151.4	33.49
Knox	1,124	11,102	.54	.49	7.46	155.3	34.48
Sullivan	186	10,812	.49	.45	8.29	127.2	27.50
Wyoming.....	378	10,816	.62	.58	5.89	132.1	28.58
Carbon.....	378	10,816	.62	.58	5.89	132.1	28.58
Central Illinois Pub Serv Co Meredosia	673	10,984	2.13	1.94	6.91	154.6	33.96
Illinois	626	10,916	2.23	2.04	6.62	155.3	33.91
McDonough	26	10,844	2.85	2.62	9.70	124.5	27.00
Macoupin	230	10,405	1.57	1.51	7.86	146.1	30.41
Schuyler	371	11,237	2.59	2.30	5.63	162.7	36.56
West Virginia.....	47	11,891	.85	.72	10.77	145.7	34.65
Kanawha	47	11,891	.85	.72	10.77	145.7	34.65
Central Iowa Power Coop Fair	150	10,959	3.03	2.77	9.44	113.8	24.95
Illinois	150	10,959	3.03	2.77	9.44	113.8	24.95
Randolph.....	150	10,959	3.03	2.77	9.44	113.8	24.95
Central Louisiana Elec Co Inc Dolet Hills	3,570	6,861	1.10	1.60	12.05	138.4	18.99
Louisiana.....	3,570	6,861	1.10	1.60	12.05	138.4	18.99
De Soto	2,559	6,876	1.24	1.80	10.91	145.1	19.95
Red River.....	1,011	6,825	.74	1.08	14.94	121.3	16.56
Central Louisiana Elec Co Inc Rodemacher	1,843	8,706	.49	.56	5.65	153.3	26.70
Wyoming.....	1,843	8,706	.49	.56	5.65	153.3	26.70
Campbell.....	1,843	8,706	.49	.56	5.65	153.3	26.70
Central Operating Co Sporn	2,185	12,202	1.44	1.18	12.72	127.3	31.08
West Virginia.....	2,185	12,202	1.44	1.18	12.72	127.3	31.08
Boone	61	12,064	1.04	.86	12.72	116.0	27.99
Clay	482	12,464	1.10	.88	11.29	178.0	44.38
Fayette.....	272	12,236	1.38	1.13	12.61	132.4	32.40
Kanawha	393	12,131	1.35	1.11	12.85	119.9	29.10

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Central Operating Co Sporn							
West Virginia							
Monongalia.....	895	12,106	1.71	1.41	13.62	103.6	25.09
Wayne.....	82	12,043	1.35	1.12	11.04	106.3	25.60
Central Power & Light Co Coletto Creek.....	1,795	10,081	.40	.39	5.96	135.9	27.39
Colorado.....	1,517	10,281	.38	.37	6.10	135.3	27.83
Moffat.....	1,517	10,281	.38	.37	6.10	135.3	27.83
Wyoming.....	252	8,713	.47	.54	5.12	134.4	23.41
Campbell.....	252	8,713	.47	.54	5.12	134.4	23.41
Imported.....	26	11,665	.47	.40	6.00	173.2	40.41
Imported Coal.....	26	11,665	.47	.40	6.00	173.2	40.41
Cincinnati Gas & Electric Co East Bend.....	1,798	12,473	2.28	1.82	9.84	106.9	26.67
Indiana.....	18	11,594	2.38	2.05	10.25	99.5	23.06
Daviess.....	5	10,942	2.58	2.36	9.70	103.9	22.74
Unknown ²	14	11,804	2.32	1.96	10.43	98.1	23.17
Kentucky.....	326	12,160	.91	.75	10.20	117.4	28.55
Floyd.....	6	11,774	.93	.79	12.04	121.2	28.53
Johnson.....	5	12,286	.91	.74	8.23	130.2	31.99
Knott.....	25	11,454	1.02	.89	13.60	119.6	27.40
Knox.....	8	11,334	.85	.75	13.10	112.2	25.43
Lawrence.....	2	11,147	.85	.76	14.50	111.8	24.92
Letcher.....	83	12,858	.88	.69	7.55	117.0	30.08
Magoffin.....	2	11,351	1.38	1.22	13.80	108.0	24.52
Martin.....	25	11,699	.89	.76	12.67	109.5	25.61
Perry.....	71	12,461	.96	.77	9.39	118.3	29.48
Pike.....	100	11,776	.88	.75	11.13	118.3	27.87
Ohio.....	152	12,216	3.91	3.20	9.46	106.2	25.95
Belmont.....	64	12,494	4.24	3.40	9.55	102.1	25.50
Harrison.....	9	12,148	4.43	3.65	10.55	89.2	21.67
Monroe.....	37	12,389	4.20	3.39	9.49	102.7	25.46
Vinton.....	43	11,664	3.04	2.61	9.08	119.8	27.93
Pennsylvania.....	102	13,055	2.27	1.74	8.10	107.4	28.03
Greene.....	102	13,055	2.27	1.74	8.10	107.4	28.03
West Virginia.....	1,199	12,555	2.44	1.94	9.93	104.3	26.18
Boone.....	10	11,591	.66	.57	12.60	124.9	28.94
Brooke.....	453	12,368	3.80	3.07	10.00	87.3	21.60
Clay.....	47	12,280	.70	.57	12.08	127.5	31.30
Fayette.....	34	11,962	1.29	1.08	14.18	108.7	26.02
Kanawha.....	186	11,946	.80	.67	13.02	125.0	29.88
Logan.....	46	12,003	.68	.57	12.98	117.9	28.31
Monongalia.....	414	13,225	2.25	1.70	7.28	108.6	28.72
Raleigh.....	9	11,260	1.01	.89	18.09	104.8	23.59
Cincinnati Gas & Electric Co Miami Fort.....	3,034	12,088	1.07	.89	12.31	122.8	29.68
Indiana.....	2	11,455	2.20	1.92	9.10	103.2	23.65
Daviess.....	2	10,942	2.58	2.36	9.70	104.5	22.87
Unknown ²	1	12,482	1.45	1.16	7.90	101.0	25.21
Kentucky.....	513	11,937	.91	.76	10.83	118.9	28.39
Floyd.....	54	11,917	.81	.68	11.25	122.9	29.29
Johnson.....	10	11,825	.75	.64	10.89	125.4	29.65
Knott.....	29	11,344	.93	.82	14.56	119.6	27.15
Knox.....	16	11,362	.78	.69	13.75	115.6	26.27
Lawrence.....	5	11,029	.94	.85	14.70	111.2	24.53
Letcher.....	46	12,613	.78	.62	8.10	120.9	30.49
Magoffin.....	5	11,258	1.23	1.10	13.39	109.8	24.73
Martin.....	5	11,828	.92	.78	12.33	111.3	26.33
Perry.....	45	12,758	.99	.78	8.13	120.5	30.74
Pike.....	297	11,837	.93	.78	10.90	117.9	27.90
Webster.....	2	10,821	2.59	2.39	16.70	130.1	28.16
Ohio.....	104	12,117	3.82	3.15	9.54	105.8	25.64
Belmont.....	22	12,516	4.07	3.25	9.31	103.7	25.97
Harrison.....	4	12,167	4.42	3.63	10.39	89.7	21.82
Jackson.....	2	11,444	2.78	2.43	9.10	121.1	27.72
Jefferson.....	2	12,158	3.80	3.13	12.00	94.7	23.03
Lawrence.....	3	11,679	2.80	2.40	8.90	120.7	28.19
Monroe.....	41	12,297	4.31	3.51	9.84	97.8	24.06
Vinton.....	30	11,649	3.03	2.60	9.09	119.9	27.92

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Cincinnati Gas & Electric Co Miami Fort							
Pennsylvania	88	13,041	2.30	1.76	8.09	103.5	27.00
Greene	88	13,041	2.30	1.76	8.09	103.5	27.00
West Virginia	2,326	12,084	.94	.78	12.92	125.2	30.25
Brooke	78	12,372	3.67	2.96	9.83	86.7	21.45
Clay	291	12,278	.69	.56	11.96	126.6	31.08
Fayette	52	11,644	1.22	1.04	15.27	107.0	24.91
Kanawha	1,357	11,911	.67	.56	14.03	133.1	31.71
Logan	237	12,091	.65	.54	11.78	118.5	28.64
Mingo	6	12,124	.69	.57	10.56	119.8	29.05
Monongalia	210	13,237	2.24	1.70	7.15	108.8	28.80
Raleigh	81	11,269	.95	.85	18.35	106.3	23.96
Wayne	8	11,925	.63	.53	10.33	125.3	29.89
Unknown ²	6	12,396	3.42	2.76	9.82	89.2	22.11
Cincinnati Gas & Electric Co Beckjord	2,629	12,137	1.24	1.02	11.09	116.2	28.20
Kentucky	1,157	12,051	.92	.77	10.46	118.6	28.59
Breathitt	5	11,396	1.21	1.06	14.00	109.3	24.91
Floyd	147	11,915	.92	.77	11.46	119.9	28.58
Johnson	64	12,178	.92	.76	8.69	126.8	30.89
Knott	59	11,245	1.02	.91	14.57	117.6	26.44
Knox	13	11,289	.83	.73	13.84	112.2	25.34
Lawrence	7	11,094	.96	.86	14.25	110.1	24.43
Letcher	11	12,794	.90	.70	7.40	115.3	29.52
Magoffin	7	11,203	1.15	1.02	13.14	110.2	24.69
Martin	23	11,778	.91	.77	12.69	109.0	25.67
Perry	323	12,677	.98	.77	8.33	119.0	30.18
Pike	498	11,810	.87	.74	11.05	117.9	27.86
Ohio	122	12,204	3.93	3.22	9.65	101.9	24.86
Belmont	44	12,490	4.12	3.30	9.46	101.9	25.44
Harrison	35	12,222	4.32	3.53	10.42	89.5	21.87
Lawrence	14	11,516	2.81	2.44	9.09	119.9	27.61
Monroe	17	12,390	4.20	3.39	9.48	101.2	25.09
Vinton	12	11,674	3.07	2.63	9.03	118.4	27.65
Pennsylvania	71	13,011	2.20	1.69	7.85	108.4	28.20
Greene	71	13,011	2.20	1.69	7.85	108.4	28.20
West Virginia	1,279	12,160	1.22	1.00	11.97	115.8	28.17
Boone	27	12,028	.76	.63	14.10	123.4	29.67
Brooke	118	12,369	3.72	3.01	9.97	85.7	21.21
Clay	7	12,370	.69	.56	12.03	126.1	31.19
Fayette	90	12,034	.98	.81	13.36	110.2	26.53
Kanawha	767	12,028	.82	.68	12.37	122.6	29.48
Logan	125	12,072	.68	.56	13.05	116.7	28.17
Mingo	8	11,805	.67	.57	11.70	124.0	29.28
Monongalia	112	13,275	2.32	1.75	7.02	107.1	28.43
Raleigh	21	11,101	1.06	.96	20.56	99.6	22.11
Unknown ²	3	12,216	1.10	.90	11.39	101.6	24.83
Cincinnati Gas & Electric Co Zimmer	3,252	12,204	3.82	3.13	9.54	102.3	24.97
Kentucky	37	12,133	.90	.74	9.96	121.1	29.39
Perry	14	12,613	1.03	.82	8.40	122.4	30.88
Pike	23	11,844	.82	.69	10.90	120.3	28.50
Ohio	3,054	12,180	3.93	3.23	9.56	101.8	24.80
Belmont	1,266	12,514	4.18	3.34	9.36	101.4	25.39
Harrison	135	11,805	3.55	3.00	9.60	103.5	24.43
Jefferson	12	11,882	3.80	3.20	11.57	94.7	22.49
Lawrence	426	11,532	2.86	2.48	9.11	119.6	27.59
Monroe	943	12,243	4.40	3.59	10.15	90.0	22.04
Vinton	271	11,621	3.01	2.59	9.05	118.8	27.61
Pennsylvania	42	12,967	1.82	1.40	7.11	129.5	33.58
Greene	42	12,967	1.82	1.40	7.11	129.5	33.58
West Virginia	119	12,558	2.69	2.14	9.70	99.0	24.88
Brooke	46	12,292	3.69	3.00	10.07	85.7	21.07
Kanawha	19	11,934	.88	.73	12.93	117.1	27.95
Marshall	11	12,284	3.42	2.78	11.82	92.3	22.68
Monongalia	44	13,174	2.23	1.70	7.40	106.7	28.11
Cleveland Electric Illum Co Ashtabula	539	12,417	3.66	2.94	9.06	112.6	27.95

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Cleveland Electric Illum Co Ashtabula							
Ohio	539	12,417	3.66	2.94	9.06	112.6	27.95
Belmont.....	469	12,477	3.71	2.97	8.76	112.7	28.13
Columbiana.....	67	12,010	3.34	2.78	11.21	111.2	26.70
Tuscarawas	3	12,166	2.71	2.23	7.83	115.2	28.02
Cleveland Electric Illum Co Avon Lake.....	1,535	12,686	1.01	.80	9.48	147.4	37.39
Kentucky.....	41	12,604	.89	.70	8.22	147.1	37.09
Martin	19	12,575	.85	.67	8.33	138.8	34.90
Pike	22	12,629	.92	.73	8.13	154.4	38.99
Ohio	297	12,622	2.24	1.78	9.38	123.1	31.09
Columbiana.....	297	12,622	2.24	1.78	9.38	123.1	31.09
Pennsylvania.....	37	8,211	.85	1.04	33.62	118.5	19.46
Allegheny.....	37	8,211	.85	1.04	33.62	118.5	19.46
Virginia.....	10	12,329	.87	.70	18.80	73.0	18.00
Buchanan.....	10	12,329	.87	.70	18.80	73.0	18.00
West Virginia.....	1,125	12,941	.72	.55	8.78	155.1	40.16
Mingo.....	1,125	12,941	.72	.55	8.78	155.1	40.16
Wyoming.....	25	8,824	.18	.20	4.60	127.9	22.57
Converse.....	25	8,824	.18	.20	4.60	127.9	22.57
Cleveland Electric Illum Co Eastlake.....	2,396	12,888	2.34	1.82	8.12	123.0	31.72
Ohio	1,174	12,547	3.18	2.53	9.01	111.6	28.01
Belmont.....	648	12,791	3.75	2.93	8.89	104.7	26.78
Columbiana.....	330	12,449	2.25	1.81	9.61	121.5	30.25
Tuscarawas	196	11,908	2.86	2.40	8.40	118.8	28.29
Pennsylvania.....	1,103	13,194	1.51	1.14	7.27	133.7	35.28
Greene.....	1,103	13,194	1.51	1.14	7.27	133.7	35.28
West Virginia.....	119	13,417	1.80	1.34	7.09	131.2	35.19
Fayette.....	19	12,633	.94	.74	9.70	134.8	34.06
Monongalia.....	100	13,566	1.96	1.45	6.60	130.5	35.41
Cleveland Electric Illum Co Lake Shore.....	94	9,437	.31	.33	4.84	148.7	28.06
Kentucky.....	10	12,701	.55	.43	6.60	144.5	36.71
Martin	10	12,701	.55	.43	6.60	144.5	36.71
Montana	42	9,049	.28	.31	4.63	149.3	27.03
Big Horn.....	42	9,049	.28	.31	4.63	149.3	27.03
Wyoming.....	42	9,049	.28	.31	4.63	149.3	27.03
Converse.....	42	9,049	.28	.31	4.63	149.3	27.03
Colorado Springs City of Drake.....	778	10,509	.37	.35	6.10	169.0	35.52
Colorado.....	778	10,509	.37	.35	6.10	169.0	35.52
Gunnison.....	10	11,834	.49	.41	9.51	105.3	24.92
Moffat.....	715	10,434	.36	.35	5.85	176.1	36.75
Routt.....	52	11,292	.43	.39	8.95	91.8	20.72
Colorado Springs City of Nixon.....	739	10,796	.43	.40	8.22	94.4	20.38
Colorado.....	595	11,308	.46	.40	8.87	98.1	22.18
Gunnison.....	43	11,583	.52	.44	8.70	109.1	25.28
Moffat.....	10	10,095	.41	.41	7.26	202.0	40.78
Routt.....	542	11,309	.45	.40	8.92	95.4	21.58
Wyoming.....	143	8,677	.31	.36	5.49	74.3	12.90
Campbell.....	77	8,554	.37	.43	5.80	73.7	12.60
Converse.....	67	8,819	.24	.27	5.14	75.1	13.25
Columbia City of Columbia.....	46	12,991	1.02	.79	7.44	208.0	54.04
Kentucky.....	46	12,991	1.02	.79	7.44	208.0	54.04
Bell.....	23	13,058	1.13	.87	7.05	201.9	52.73
Pike.....	23	12,921	.91	.70	7.84	214.3	55.38
Columbus Southern Power Co Picway.....	180	11,465	3.41	2.97	10.26	100.0	22.93
Ohio	180	11,465	3.41	2.97	10.26	100.0	22.93
Perry.....	180	11,465	3.41	2.97	10.26	100.0	22.93
Columbus Southern Power Co Conesville.....	4,235	11,810	2.73	2.31	8.97	142.6	33.69

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Columbus Southern Power Co Conesville							
Ohio.....	4,235	11,810	2.73	2.31	8.97	142.6	33.69
Belmont.....	162	12,401	3.92	3.16	9.32	96.8	24.01
Coshocton.....	2,422	11,787	2.68	2.27	7.56	166.7	39.30
Harrison.....	681	12,303	2.61	2.12	9.68	112.1	27.59
Holmes.....	11	11,257	3.66	3.25	11.11	101.3	22.81
Jefferson.....	294	11,822	2.56	2.17	11.91	102.4	24.22
Perry.....	583	11,219	2.80	2.50	12.01	118.7	26.64
Tuscarawas.....	83	11,475	2.70	2.35	11.29	102.9	23.60
Commonwealth Edison Co Waukegan	2,961	8,711	.43	.49	5.46	228.8	39.86
Wyoming.....	2,961	8,711	.43	.49	5.46	228.8	39.86
Campbell.....	2,290	8,698	.47	.54	5.48	211.2	36.74
Converse.....	671	8,757	.30	.34	5.42	288.4	50.51
Commonwealth Edison Co Crawford	564	8,849	.27	.30	4.72	181.8	32.17
Montana.....	104	9,580	.33	.34	3.88	267.6	51.28
Big Horn.....	104	9,580	.33	.34	3.88	267.6	51.28
Utah.....	3	12,305	.55	.45	9.50	149.7	36.84
Emery.....	3	12,305	.55	.45	9.50	149.7	36.84
Wyoming.....	457	8,660	.25	.29	4.88	160.5	27.79
Campbell.....	442	8,657	.25	.29	4.86	154.9	26.82
Converse.....	15	8,775	.32	.36	5.27	321.1	56.35
Commonwealth Edison Co Fisk	588	9,153	.33	.36	4.45	223.1	40.83
Montana.....	311	9,583	.33	.35	3.91	266.8	51.13
Big Horn.....	311	9,583	.33	.35	3.91	266.8	51.13
Wyoming.....	277	8,671	.32	.37	5.06	168.9	29.29
Campbell.....	271	8,669	.32	.37	5.05	165.0	28.61
Converse.....	6	8,771	.31	.35	5.60	341.8	59.96
Commonwealth Edison Co Joliet	4,207	8,788	.37	.42	5.46	181.6	31.93
Montana.....	113	9,545	.33	.34	3.88	259.4	49.52
Big Horn.....	113	9,545	.33	.34	3.88	259.4	49.52
Wyoming.....	4,094	8,767	.37	.43	5.50	179.3	31.44
Campbell.....	4,094	8,767	.37	.43	5.50	179.3	31.44
Commonwealth Edison Co Kincaid	1,654	11,117	1.16	1.05	7.92	164.9	36.66
Illinois.....	400	10,764	3.41	3.17	8.15	97.6	21.02
Macoupin.....	400	10,764	3.41	3.17	8.15	97.6	21.02
Utah.....	879	11,533	.38	.33	8.31	192.3	44.37
Carbon.....	70	11,838	.53	.45	7.38	134.4	31.82
Emery.....	521	11,578	.40	.35	8.58	177.7	41.14
Sevier.....	288	11,378	.31	.27	8.06	234.0	53.25
Wyoming.....	375	10,519	.60	.57	6.77	167.7	35.28
Campbell.....	66	10,457	.67	.64	7.35	156.9	32.81
Carbon.....	297	10,604	.59	.56	6.68	164.4	34.86
Converse.....	12	8,755	.31	.35	5.70	337.7	59.13
Commonwealth Edison Co Powerton	4,655	8,742	.31	.36	5.11	233.9	40.89
Illinois.....	32	11,028	2.76	2.51	8.20	114.8	25.31
McDonough.....	27	11,014	2.69	2.44	8.30	114.8	25.29
Macoupin.....	5	11,102	3.16	2.85	7.70	114.6	25.45
Montana.....	212	9,569	.32	.34	3.89	254.0	48.61
Big Horn.....	212	9,569	.32	.34	3.89	254.0	48.61
Wyoming.....	4,411	8,685	.29	.34	5.15	233.9	40.63
Campbell.....	2,516	8,627	.28	.33	4.86	168.6	29.09
Converse.....	1,895	8,763	.31	.35	5.53	319.3	55.95
Commonwealth Edison Co State Line	1,315	9,529	.33	.35	3.94	248.0	47.27
Montana.....	1,245	9,579	.34	.35	3.91	253.9	48.65
Big Horn.....	1,245	9,579	.34	.35	3.91	253.9	48.65
Wyoming.....	70	8,644	.22	.26	4.58	131.4	22.71
Campbell.....	70	8,644	.22	.26	4.58	131.4	22.71
Commonwealth Edison Co Will County	3,499	8,880	.28	.32	4.59	188.6	33.49

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Commonwealth Edison Co Will County							
Montana	832	9,593	0.35	0.36	3.93	248.2	47.61
Big Horn	832	9,593	.35	.36	3.93	248.2	47.61
Utah	7	12,305	.55	.45	9.50	148.5	36.55
Emery	7	12,305	.55	.45	9.50	148.5	36.55
Wyoming	2,660	8,648	.26	.30	4.79	168.1	29.07
Campbell	2,538	8,642	.26	.30	4.75	160.3	27.71
Converse	122	8,769	.30	.35	5.51	327.2	57.39
Consumers Power Co Campbell							
Colorado	3,656	11,295	.63	.56	9.58	156.4	35.34
Gunnison	10	12,124	.55	.45	8.90	156.1	37.85
Kenton	10	12,124	.55	.45	8.90	156.1	37.85
Kentucky	855	12,748	.77	.61	9.56	164.6	41.98
Floyd	406	12,851	.82	.64	9.53	168.7	43.36
Knott	117	12,291	.79	.64	10.76	161.2	39.62
Letcher	59	12,885	.87	.68	7.78	157.5	40.60
Perry	40	12,788	.71	.55	8.42	158.7	40.59
Pike	232	12,757	.67	.53	9.67	162.0	41.34
West Virginia	1,694	12,212	.71	.58	12.34	172.6	42.16
Boone	1,276	12,160	.72	.60	12.48	173.3	42.15
Logan	417	12,369	.68	.55	11.90	170.7	42.22
Wyoming	1,097	8,741	.38	.44	5.34	112.2	19.61
Campbell	1,097	8,741	.38	.44	5.34	112.2	19.61
Consumers Power Co Cobb							
Kentucky	951	10,335	.68	.66	8.03	136.2	28.15
Floyd	73	12,713	.90	.71	9.31	166.6	42.36
Knott	34	13,032	.84	.64	8.28	161.8	42.18
Martin	17	12,699	.96	.76	9.20	156.7	39.80
Pike	22	12,223	.95	.78	11.00	182.4	44.59
Montana	603	9,057	.51	.57	6.48	121.1	21.94
Big Horn	603	9,057	.51	.57	6.48	121.1	21.94
Pennsylvania	70	13,287	1.34	1.01	7.31	144.4	38.38
Greene	48	13,278	1.30	.98	7.49	143.7	38.17
Washington	22	13,307	1.42	1.07	6.90	146.0	38.86
West Virginia	206	12,232	.89	.73	12.35	154.6	37.83
Boone	44	12,208	.71	.58	12.80	172.9	42.21
Logan	8	12,074	.74	.61	12.60	176.1	42.52
Nicholas	154	12,247	.95	.77	12.21	148.4	36.35
Consumers Power Co Karn							
Kentucky	937	12,269	.83	.68	11.42	149.6	36.70
Floyd	157	12,434	.91	.73	10.18	147.1	36.59
Knott	59	12,550	.86	.69	10.35	151.1	37.93
Perry	58	12,327	.93	.76	10.12	144.0	35.51
Pike	10	12,605	.92	.73	8.20	150.9	38.04
Wayne	30	12,356	.96	.78	10.62	143.8	35.54
West Virginia	780	12,236	.81	.66	11.67	150.1	36.73
Boone	395	12,046	.85	.71	12.07	151.6	36.53
Nicholas	346	12,433	.75	.61	11.57	149.4	37.15
Wayne	39	12,414	.93	.75	8.44	141.1	35.04
Consumers Power Co Weadock							
Kentucky	1,102	10,265	.60	.58	8.18	133.3	27.36
Floyd	73	12,469	.88	.71	9.73	148.2	36.97
Knott	40	12,581	.87	.69	9.21	148.9	37.47
Perry	15	12,158	.94	.77	11.87	143.2	34.83
Pike	9	12,270	.81	.66	11.40	149.9	36.79
Wayne	9	12,701	.89	.70	6.70	151.9	38.59
Montana	331	9,070	.50	.55	6.43	121.2	22.00
Big Horn	331	9,070	.50	.55	6.43	121.2	22.00
West Virginia	375	12,194	.85	.70	11.86	148.9	36.31
Boone	161	12,030	.82	.68	11.89	154.8	37.24
Nicholas	203	12,308	.87	.71	11.99	144.6	35.60
Wayne	10	12,500	1.00	.80	9.00	142.5	35.62
Wyoming	324	8,759	.34	.39	5.37	116.1	20.33
Campbell	324	8,759	.34	.39	5.37	116.1	20.33
Consumers Power Co Whiting							
832	12,132	.82	.68	11.69	152.8	37.07	

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Consumers Power Co Whiting							
Kentucky	95	12,509	0.94	0.75	10.01	148.5	37.14
Floyd	9	12,945	.85	.66	8.60	158.4	41.01
Knott	10	12,500	1.00	.80	12.00	148.3	37.07
Perry	39	12,205	.98	.80	11.28	145.7	35.57
Pike	38	12,723	.92	.72	8.50	148.8	37.87
West Virginia.....	727	12,124	.81	.67	11.98	153.7	37.26
Boone	662	12,074	.80	.67	12.21	154.6	37.33
Logan	10	12,415	.75	.60	11.11	159.9	39.71
Nicholas	26	12,588	.89	.71	10.76	148.4	37.37
Wayne	30	12,725	.94	.74	8.39	137.1	34.89
Wyoming.....	9	8,720	.35	.40	5.54	118.1	20.60
Campbell.....	9	8,720	.35	.40	5.54	118.1	20.60
Coop Power Assn Coal Creek.....	6,875	6,286	.73	1.16	11.45	77.2	9.71
North Dakota	6,875	6,286	.73	1.16	11.45	77.2	9.71
McLean	6,875	6,286	.73	1.16	11.45	77.2	9.71
Dairyland Power Coop Alma-Madgett	1,280	9,304	.38	.41	4.68	102.6	19.09
Illinois	219	11,987	1.20	1.00	5.87	130.9	31.38
Jefferson.....	219	11,987	1.20	1.00	5.87	130.9	31.38
Wyoming.....	1,061	8,751	.21	.24	4.43	94.6	16.56
Campbell.....	1,061	8,751	.21	.24	4.43	94.6	16.56
Dairyland Power Coop Genoa No.3	765	10,396	.59	.57	4.84	122.5	25.47
Illinois	372	12,027	.97	.81	5.27	130.3	31.35
Jefferson.....	372	12,027	.97	.81	5.27	130.3	31.35
Wyoming.....	393	8,854	.23	.26	4.44	112.5	19.92
Campbell.....	374	8,853	.23	.26	4.47	112.5	19.92
Converse	19	8,876	.24	.27	4.00	112.3	19.94
Dayton Power & Light Co Stuart	6,058	11,539	.83	.72	14.36	130.7	30.16
Kentucky	3,605	11,620	.84	.73	14.10	143.0	33.24
Breathitt	16	11,155	.96	.86	15.83	105.2	23.48
Floyd	246	11,057	.84	.76	15.60	102.6	22.70
Lawrence.....	2	10,742	1.44	1.34	13.40	103.0	22.13
Magoffin	40	11,015	.79	.72	16.10	103.4	22.78
Martin	57	11,031	.87	.79	15.15	109.1	24.07
Perry.....	1,348	11,551	.86	.74	14.51	162.1	37.44
Pike	1,896	11,777	.83	.71	13.53	136.7	32.21
West Virginia.....	2,453	11,421	.80	.70	14.73	112.2	25.63
Boone	681	11,424	.73	.64	15.04	105.9	24.20
Clay	14	12,052	.79	.65	13.57	101.2	24.38
Kanawha	55	11,528	.73	.63	15.24	100.0	23.05
Logan	119	11,128	.73	.66	15.69	104.0	23.15
Mingo.....	80	11,168	.76	.68	16.28	105.8	23.63
Wayne	1,504	11,446	.85	.74	14.43	116.5	26.68
Dayton Power & Light Co Hutchings.....	352	12,579	.75	.60	11.36	139.1	35.00
Kentucky	38	12,392	.73	.59	10.10	140.8	34.90
Perry.....	38	12,392	.73	.59	10.10	140.8	34.90
West Virginia.....	314	12,602	.75	.60	11.51	138.9	35.01
Clay	314	12,602	.75	.60	11.51	138.9	35.01
Dayton Power & Light Co Killen.....	1,716	12,015	.63	.52	13.72	125.7	30.21
Kentucky	510	11,760	.63	.54	13.31	113.8	26.76
Floyd	84	11,860	.65	.55	12.08	117.1	27.77
Lawrence.....	25	11,789	.68	.58	11.39	117.5	27.70
Pike	401	11,737	.63	.54	13.68	112.9	26.49
West Virginia.....	1,206	12,123	.62	.51	13.90	130.6	31.66
Boone	38	11,906	.63	.53	13.38	116.5	27.75
Kanawha	550	12,120	.63	.52	14.50	115.0	27.88
Logan	494	12,157	.62	.51	13.82	151.0	36.71
Mingo.....	92	12,019	.60	.50	12.28	125.6	30.20
Wayne	32	12,217	.64	.53	9.89	113.1	27.63
Delmarva Power & Light Co Edgemoor.....	505	12,877	.79	.61	9.81	159.4	41.05

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Delmarva Power & Light Co Edgemoor							
Pennsylvania	18	10,772	0.58	0.54	11.12	151.2	32.57
Elk	18	10,772	.58	.54	11.12	151.2	32.57
Virginia	188	13,211	.85	.65	8.98	156.7	41.40
Wise	188	13,211	.85	.65	8.98	156.7	41.40
West Virginia	299	12,796	.76	.59	10.25	161.5	41.34
Nicholas	117	12,561	.69	.55	11.52	162.7	40.87
Webster	182	12,948	.80	.62	9.44	160.8	41.64
Delmarva Power & Light Co Indian River	1,177	13,142	1.08	.83	8.16	156.2	41.05
Maryland	161	13,158	1.46	1.11	9.17	147.8	38.89
Garrett	161	13,158	1.46	1.11	9.17	147.8	38.89
Pennsylvania	482	13,275	1.39	1.04	7.22	141.3	37.52
Washington	482	13,275	1.39	1.04	7.22	141.3	37.52
West Virginia	534	13,017	.70	.54	8.70	172.5	44.90
Mingo	284	13,260	.73	.55	7.07	174.4	46.24
Nicholas	51	12,585	.67	.53	11.51	170.7	42.96
Webster	199	12,779	.67	.53	10.32	170.1	43.47
Deseret Generation & Tran Coop Bonanza	1,775	10,485	.42	.40	9.56	187.0	39.22
Colorado	1,775	10,485	.42	.40	9.56	187.0	39.22
Rio Blanco	1,775	10,485	.42	.40	9.56	187.0	39.22
Detroit Edison Co Belle River	4,203	9,406	.35	.37	4.22	147.4	27.72
Montana	3,720	9,484	.36	.38	4.14	152.8	28.99
Big Horn	3,720	9,484	.36	.38	4.14	152.8	28.99
Wyoming	483	8,801	.27	.30	4.81	102.3	18.00
Campbell	389	8,809	.28	.32	4.72	101.6	17.90
Converse	94	8,767	.22	.25	5.17	104.9	18.40
Detroit Edison Co Harbor Beach	65	12,476	.68	.55	6.67	151.1	37.71
Kentucky	52	13,087	.69	.53	6.79	157.5	41.24
Martin	11	13,030	.68	.52	6.10	154.6	40.29
Pike	41	13,102	.69	.53	6.98	158.3	41.49
Pennsylvania	2	13,251	1.54	1.16	6.60	129.8	34.40
Greene	2	13,251	1.54	1.16	6.60	129.8	34.40
West Virginia	2	13,022	1.72	1.32	7.40	150.0	39.07
Mingo	2	13,022	1.72	1.32	7.40	150.0	39.07
Wyoming	9	8,656	.20	.23	5.80	102.8	17.80
Converse	9	8,656	.20	.23	5.80	102.8	17.80
Detroit Edison Co Marysville	31	13,083	.66	.51	7.98	152.1	39.80
Kentucky	31	13,083	.66	.51	7.98	152.1	39.80
Pike	31	13,083	.66	.51	7.98	152.1	39.80
Detroit Edison Co Monroe	9,342	10,765	.79	.73	6.04	117.6	25.32
Kentucky	1,294	12,961	1.04	.81	7.92	139.5	36.16
Floyd	140	12,864	1.24	.96	7.06	141.2	36.32
Harlan	74	13,208	1.06	.80	6.60	138.3	36.53
Johnson	22	12,943	1.11	.86	7.05	131.1	33.94
Knott	123	12,598	.89	.70	8.62	145.1	36.56
Letcher	11	13,258	1.49	1.12	5.30	138.9	36.83
Pike	924	13,001	1.03	.79	8.11	138.8	36.10
Pennsylvania	2,426	13,202	1.52	1.15	6.92	120.8	31.90
Greene	1,758	13,167	1.57	1.19	6.87	118.5	31.21
Washington	668	13,293	1.41	1.06	7.06	126.8	33.70
West Virginia	544	13,045	1.60	1.22	7.41	139.9	36.49
Boone	61	13,081	1.20	.92	8.93	141.5	37.03
Mingo	483	13,041	1.65	1.26	7.22	139.6	36.42
Wyoming	5,078	8,797	.28	.32	4.99	103.5	18.21
Campbell	4,333	8,801	.29	.34	4.96	103.2	18.16
Converse	745	8,770	.22	.25	5.18	105.6	18.51
Detroit Edison Co River Rouge	1,384	10,702	.59	.55	7.79	127.1	27.19
Kentucky	347	12,800	.83	.65	8.49	144.6	37.03
Knott	125	12,540	.90	.72	9.04	149.8	37.57
Martin	11	12,104	.92	.76	10.40	214.3	51.88
Pike	211	12,991	.78	.60	8.07	138.3	35.94

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Detroit Edison Co River Rouge							
Pennsylvania	20	13,246	1.56	1.18	6.60	123.3	32.66
Greene	20	13,246	1.56	1.18	6.60	123.3	32.66
West Virginia	342	12,199	.85	.70	12.62	142.9	34.86
Boone	103	12,456	.82	.66	10.62	141.3	35.20
Logan	239	12,088	.86	.71	13.49	143.6	34.71
Wyoming	675	8,789	.30	.34	5.01	102.9	18.09
Campbell	602	8,789	.31	.35	5.01	102.5	18.01
Converse	73	8,791	.21	.24	5.06	106.6	18.74
Detroit Edison Co St Clair	4,891	9,805	.65	.66	4.60	143.4	28.11
Kentucky	32	12,880	.72	.56	7.80	160.1	41.24
Knott	8	12,697	.85	.67	8.60	159.3	40.45
Pike	24	12,941	.67	.52	7.53	160.3	41.50
Montana	3,862	9,484	.36	.38	4.14	152.8	28.98
Big Horn	3,862	9,484	.36	.38	4.14	152.8	28.98
West Virginia	503	13,058	3.21	2.46	7.64	117.5	30.69
Harrison	482	13,044	3.25	2.49	7.68	117.0	30.51
Monongalia	21	13,373	2.22	1.66	6.70	130.3	34.85
Wyoming	494	8,797	.27	.31	4.85	101.7	17.90
Campbell	402	8,804	.28	.32	4.77	101.6	17.89
Converse	92	8,768	.22	.25	5.16	102.5	17.97
Detroit Edison Co Trenton Channel	1,594	10,481	.75	.71	5.82	119.3	25.01
Kentucky	215	13,208	1.33	1.00	7.83	136.5	36.05
Floyd	39	12,890	1.29	1.00	6.90	144.4	37.22
Pike	176	13,279	1.33	1.00	8.04	134.8	35.79
Pennsylvania	171	13,130	1.66	1.26	7.05	124.9	32.78
Greene	147	13,112	1.66	1.27	6.98	124.5	32.65
Washington	24	13,240	1.64	1.24	7.46	127.0	33.63
West Virginia	234	13,021	1.66	1.28	7.33	136.6	35.58
Boone	25	13,001	1.68	1.29	8.34	122.3	31.79
Mingo	209	13,024	1.66	1.28	7.21	138.3	36.03
Wyoming	974	8,804	.24	.27	4.80	106.1	18.67
Campbell	732	8,819	.24	.28	4.62	106.2	18.74
Converse	242	8,758	.23	.26	5.36	105.5	18.47
Duke Power Co Allen	2,221	12,455	.81	.65	10.35	135.0	33.62
Kentucky	583	12,450	1.01	.81	10.58	131.7	32.81
Johnson	45	12,062	1.18	.98	10.27	133.2	32.12
Martin	132	12,410	.73	.59	9.51	143.4	35.59
Pike	406	12,506	1.09	.87	10.96	127.8	31.98
Virginia	47	13,067	.90	.69	8.44	128.1	33.49
Lee	38	13,171	.84	.64	7.50	127.3	33.54
Wise	9	12,629	1.14	.90	12.40	131.7	33.26
West Virginia	1,591	12,438	.74	.59	10.33	136.4	33.92
Logan	211	12,837	.72	.56	8.71	128.4	32.98
Mingo	1,128	12,358	.70	.57	11.08	139.4	34.45
Wayne	252	12,466	.89	.71	8.29	129.8	32.37
Duke Power Co Belews Creek	5,638	12,508	.77	.61	9.41	141.4	35.37
Kentucky	3,934	12,349	.78	.63	9.60	146.1	36.08
Martin	3,883	12,350	.78	.63	9.60	146.2	36.12
Pike	51	12,308	.92	.75	9.68	132.2	32.54
West Virginia	1,704	12,874	.73	.57	8.96	131.1	33.76
Logan	482	12,945	.72	.56	8.93	129.5	33.54
Mingo	1,054	12,886	.71	.55	9.12	132.0	34.02
Wayne	168	12,591	.88	.70	8.02	129.9	32.71
Duke Power Co Buck	716	12,145	1.00	.82	12.25	126.4	30.70
Kentucky	487	12,065	.96	.80	12.30	125.8	30.36
Johnson	29	12,153	1.17	.96	10.10	126.0	30.63
Martin	183	12,055	.96	.80	10.61	129.5	31.23
Pike	275	12,063	.94	.78	13.66	123.4	29.76
Virginia	163	12,286	1.23	1.00	12.85	128.4	31.56
Lee	9	12,297	1.20	.98	11.80	126.6	31.14
Wise	154	12,286	1.23	1.00	12.91	128.6	31.59

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Duke Power Co Buck							
West Virginia.....	66	12,388	0.73	0.59	10.35	125.5	31.10
Fayette.....	6	12,789	1.08	.84	8.60	126.3	32.30
Mingo.....	23	12,461	.78	.63	11.61	128.0	31.89
Wyoming.....	37	12,278	.65	.53	9.85	123.8	30.41
Duke Power Co Cliffside	1,292	12,759	1.11	.87	8.33	156.7	39.99
Kentucky.....	1,220	12,733	1.11	.87	8.42	157.6	40.12
Floyd.....	207	12,540	.94	.75	9.07	135.2	33.92
Harlan.....	899	12,785	1.16	.90	8.24	165.0	42.19
Knox.....	35	12,760	1.32	1.04	8.43	139.4	35.57
Letcher.....	27	12,567	1.06	.85	9.77	136.5	34.31
Perry.....	52	12,682	1.00	.78	8.34	138.4	35.10
West Virginia.....	72	13,192	1.07	.81	6.80	143.3	37.81
Mingo.....	72	13,192	1.07	.81	6.80	143.3	37.81
Duke Power Co Dan River	355	12,536	.99	.79	10.98	127.8	32.04
Kentucky.....	235	12,516	1.02	.81	11.05	130.7	32.73
Martin.....	46	12,138	.91	.75	9.50	139.4	33.83
Pike.....	189	12,608	1.04	.83	11.43	128.7	32.46
Virginia.....	68	12,426	1.15	.93	11.79	123.1	30.59
Buchanan.....	11	12,320	.88	.72	12.59	108.9	26.82
Lee.....	22	12,349	1.12	.91	10.78	126.8	31.32
Wise.....	35	12,509	1.26	1.01	12.17	125.1	31.31
West Virginia.....	52	12,772	.69	.54	9.61	120.7	30.82
Fayette.....	2	12,990	.74	.57	7.60	122.7	31.88
Mingo.....	14	13,202	.79	.60	7.80	122.8	32.42
Wyoming.....	36	12,592	.65	.51	10.43	119.7	30.14
Duke Power Co Lee	401	12,397	1.07	.86	9.71	156.3	38.74
Kentucky.....	366	12,388	1.07	.86	9.66	156.9	38.86
Floyd.....	128	12,463	.94	.75	9.14	143.3	35.71
Harlan.....	177	12,313	1.12	.91	9.91	171.2	42.17
Knox.....	26	12,855	1.31	1.02	9.03	143.4	36.87
Letcher.....	18	12,323	1.27	1.03	10.40	143.0	35.24
Perry.....	9	12,088	1.14	.94	9.70	154.0	37.23
Pike.....	8	11,787	.76	.64	12.60	138.4	32.63
West Virginia.....	35	12,495	1.08	.87	10.33	150.1	37.51
Mingo.....	35	12,495	1.08	.87	10.33	150.1	37.51
Duke Power Co Marshall	5,008	12,267	1.04	.85	10.32	129.0	31.66
Kentucky.....	4,422	12,224	1.06	.87	10.43	129.2	31.59
Johnson.....	179	12,098	1.20	.99	10.95	125.8	30.45
Martin.....	3,622	12,187	1.05	.86	10.57	129.3	31.51
Pike.....	621	12,478	1.09	.87	9.48	129.9	32.41
Virginia.....	36	11,835	.82	.70	14.34	110.4	26.13
Buchanan.....	36	11,835	.82	.70	14.34	110.4	26.13
West Virginia.....	550	12,641	.89	.70	9.11	128.8	32.56
Logan.....	22	12,667	.76	.60	9.40	127.5	32.29
Mingo.....	422	12,690	.89	.70	9.29	129.2	32.80
Wayne.....	106	12,443	.89	.72	8.37	127.1	31.63
Duke Power Co Riverbend	649	12,568	1.09	.87	9.02	156.0	39.22
Kentucky.....	640	12,568	1.09	.87	9.02	156.2	39.27
Bell.....	17	12,859	.82	.64	8.20	142.1	36.55
Floyd.....	121	12,552	1.06	.84	8.93	141.6	35.55
Harlan.....	395	12,619	1.11	.88	8.87	166.4	41.99
Knott.....	8	12,550	1.28	1.02	9.50	136.1	34.16
Knox.....	27	12,893	1.26	.98	8.63	138.2	35.64
Perry.....	27	12,187	1.01	.83	10.06	136.5	33.26
Pike.....	45	12,092	.98	.81	10.34	137.2	33.19
West Virginia.....	9	12,584	1.06	.84	9.60	140.3	35.31
Mingo.....	9	12,584	1.06	.84	9.60	140.3	35.31
Duquesne Light Co Cheswick	1,280	13,123	1.72	1.31	7.93	114.8	30.14

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Duquesne Light Co Cheswick							
Pennsylvania	1,031	13,093	1.84	1.41	8.14	112.4	29.45
Fayette.....	368	12,915	1.15	.89	8.05	130.1	33.60
Greene.....	571	13,195	2.22	1.68	8.17	101.9	26.90
Washington.....	92	13,176	2.25	1.71	8.31	108.7	28.64
West Virginia.....	249	13,248	1.23	.93	7.04	124.7	33.03
Fayette.....	249	13,248	1.23	.93	7.04	124.7	33.03
Duquesne Light Co Elrama.....	1,039	12,613	2.13	1.69	10.95	128.2	32.33
Pennsylvania	695	12,545	2.31	1.84	11.21	134.8	33.82
Allegheny.....	63	11,982	2.32	1.94	13.46	101.5	24.31
Greene.....	632	12,602	2.31	1.84	10.99	138.0	34.77
West Virginia.....	344	12,750	1.76	1.38	10.42	115.0	29.31
Fayette.....	145	13,195	1.38	1.05	7.20	124.5	32.85
Monongalia.....	199	12,426	2.05	1.65	12.77	107.6	26.74
East Kentucky Power Coop Inc Cooper.....	678	12,367	1.12	.91	9.66	113.8	28.16
Kentucky	678	12,367	1.12	.91	9.66	113.8	28.16
Breathitt.....	5	12,279	.73	.59	8.02	116.0	28.49
Clay.....	248	12,215	1.22	1.00	10.84	113.6	27.76
Knott.....	5	12,694	.82	.65	10.34	119.3	30.29
Laurel.....	1	11,793	1.19	1.01	11.00	111.9	26.39
Leslie.....	169	12,036	1.05	.87	10.18	115.9	27.90
Perry.....	2	12,460	1.24	1.00	9.40	111.0	27.66
Pulaski.....	177	12,548	1.14	.91	9.49	110.3	27.67
Whitley.....	71	13,222	.96	.73	4.82	118.1	31.23
East Kentucky Power Coop Inc Dale.....	445	12,552	.84	.67	8.40	114.4	28.72
Kentucky	445	12,552	.84	.67	8.40	114.4	28.72
Breathitt.....	14	11,741	.99	.85	10.53	110.0	25.83
Clay.....	68	12,089	.90	.75	11.09	113.4	27.41
Letcher.....	81	12,657	.86	.68	7.18	116.3	29.44
Perry.....	282	12,673	.82	.64	7.99	114.3	28.97
East Kentucky Power Coop Inc Spurlock.....	2,304	12,266	.74	.60	11.39	114.8	28.17
Kentucky	1,387	12,357	.74	.60	10.83	114.6	28.33
Boyd.....	384	12,252	.72	.59	10.73	113.0	27.68
Breathitt.....	182	12,373	.64	.52	13.16	117.9	29.17
Floyd.....	185	12,145	.81	.66	10.85	113.8	27.63
Greenup.....	266	12,429	.79	.63	11.91	112.4	27.94
Knott.....	124	12,504	.83	.66	9.50	120.9	30.22
Perry.....	9	12,128	.79	.65	10.90	107.0	25.95
Pike.....	237	12,534	.69	.55	8.69	114.9	28.81
West Virginia.....	917	12,127	.74	.61	12.23	115.1	27.93
Boone.....	32	12,028	.70	.58	13.49	113.3	27.26
Fayette.....	366	12,087	.84	.70	13.26	110.3	26.67
Kanawha.....	191	12,295	.70	.57	12.03	116.0	28.53
Logan.....	125	12,042	.64	.53	12.17	123.0	29.62
Mingo.....	57	12,216	.64	.52	10.59	116.0	28.34
Wayne.....	146	12,066	.64	.53	10.33	119.4	28.82
Electric Energy Inc Joppa.....	4,687	8,691	.25	.28	4.51	92.3	16.04
Wyoming.....	4,687	8,691	.25	.28	4.51	92.3	16.04
Campbell.....	4,687	8,691	.25	.28	4.51	92.3	16.04
Empire District Electric Co Riverton.....	270	9,627	.96	1.00	5.96	118.7	22.85
Kansas.....	37	12,328	3.24	2.62	10.70	135.6	33.43
Crawford.....	37	12,328	3.24	2.62	10.70	135.6	33.43
Oklahoma.....	26	12,433	3.68	2.96	11.50	117.4	29.20
Craig.....	26	12,433	3.68	2.96	11.50	117.4	29.20
Wyoming.....	208	8,798	.21	.24	4.43	114.6	20.17
Campbell.....	208	8,798	.21	.24	4.43	114.6	20.17
Empire District Electric Co Asbury.....	742	9,165	.59	.64	5.45	104.9	19.22
Kansas.....	58	11,890	3.37	2.84	13.12	127.8	30.38
Crawford.....	58	11,890	3.37	2.84	13.12	127.8	30.38

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Empire District Electric Co Asbury							
Missouri	20	11,760	3.19	2.71	12.98	117.1	27.54
Barton	12	11,555	3.20	2.77	13.36	119.7	27.67
Vernon	8	12,081	3.17	2.63	12.38	113.1	27.33
Oklahoma	12	11,801	3.38	2.87	12.31	128.1	30.22
Craig	12	11,801	3.38	2.87	12.31	128.1	30.22
Wyoming.....	652	8,797	.21	.24	4.41	101.1	17.78
Campbell.....	652	8,797	.21	.24	4.41	101.1	17.78
Florida Power Corp Crystal River.....	4,037	12,687	.89	.70	8.59	177.0	44.91
Kentucky	3,164	12,784	.94	.74	8.27	168.1	42.98
Bell.....	456	12,657	1.12	.88	8.38	164.4	41.61
Floyd.....	624	12,316	1.05	.85	9.50	165.9	40.87
Harlan.....	425	13,224	1.05	.79	6.57	173.5	45.89
Knott.....	244	12,521	1.03	.82	10.09	163.5	40.94
Letcher.....	214	12,944	1.08	.83	7.41	164.0	42.46
Perry.....	20	12,850	.86	.67	7.54	171.9	44.19
Pike.....	1,181	12,946	.73	.57	7.98	170.2	44.07
Virginia.....	873	12,337	.73	.59	9.77	210.3	51.89
Lee.....	873	12,337	.73	.59	9.77	210.3	51.89
Florida Power Corp IMT Transfer³.....	2,010	12,526	.68	.54	9.79	173.2	43.39
Colorado.....	14	11,131	.60	.54	7.74	182.5	40.63
Gunnison.....	14	11,131	.60	.54	7.74	182.5	40.63
Kentucky.....	813	12,461	.66	.53	9.19	166.8	41.57
Floyd.....	126	12,417	.64	.52	9.31	181.1	44.98
Knott.....	311	12,362	.67	.54	9.63	163.8	40.51
Letcher.....	75	12,694	.66	.52	8.77	165.7	42.07
Perry.....	2	11,200	.74	.66	14.50	170.1	38.09
Pike.....	299	12,533	.66	.53	8.75	164.1	41.14
West Virginia.....	1,182	12,588	.70	.55	10.23	177.5	44.68
Boone.....	750	12,663	.72	.57	10.72	175.5	44.45
Kanawha.....	21	11,537	.69	.60	13.25	151.0	34.85
Mingo.....	77	12,281	.66	.53	9.98	156.1	38.34
Wayne.....	333	12,559	.65	.52	8.99	188.3	47.28
Fremont City of Wright.....	211	8,682	.28	.32	4.52	93.3	16.20
Wyoming.....	211	8,682	.28	.32	4.52	93.3	16.20
Campbell.....	200	8,565	.26	.30	4.42	90.4	15.49
Carbon.....	11	10,800	.59	.55	6.32	134.9	29.14
Gainesville Regional Util Deerhaven.....	569	13,105	.59	.45	7.00	165.4	43.36
Kentucky.....	569	13,105	.59	.45	7.00	165.4	43.36
Pike.....	569	13,105	.59	.45	7.00	165.4	43.36
Georgia Power Co Arkwright.....	65	12,520	1.64	1.31	9.60	164.9	41.30
Kentucky.....	65	12,520	1.64	1.31	9.60	164.9	41.30
Bell.....	65	12,520	1.64	1.31	9.60	164.9	41.30
Georgia Power Co Atkinson-McDonoug.....	1,274	12,685	1.02	.81	9.50	134.7	34.19
Kentucky.....	1,244	12,709	1.03	.81	9.37	134.8	34.27
Harlan.....	1,235	12,714	1.03	.81	9.36	134.9	34.30
Perry.....	9	12,058	1.15	.95	10.45	125.4	30.24
West Virginia.....	30	11,676	.75	.64	14.82	131.5	30.71
Boone.....	30	11,676	.75	.64	14.82	131.5	30.71
Georgia Power Co Bowen.....	8,082	12,346	.91	.74	11.26	139.6	34.48
Kentucky.....	6,121	12,645	.96	.76	9.35	142.1	35.95
Harlan.....	618	12,603	1.10	.87	9.14	136.6	34.43
Leslie.....	2,659	13,016	.99	.76	8.22	138.3	36.01
Letcher.....	19	12,344	.98	.79	10.05	141.1	34.84
Perry.....	2,765	12,316	.90	.73	10.43	147.5	36.33
Pike.....	59	11,941	.98	.82	11.80	133.6	31.91
West Virginia.....	1,961	11,411	.76	.67	17.23	131.0	29.89
Boone.....	1,434	11,644	.79	.67	15.88	134.0	31.21
Kanawha.....	58	10,958	1.16	1.06	23.72	121.1	26.55
Logan.....	469	10,757	.65	.60	20.54	122.2	26.28

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Georgia Power Co Hammond	1,257	12,780	0.88	0.69	9.38	149.1	38.11
Illinois	22	12,221	1.04	.85	6.15	146.7	35.87
Saline	22	12,221	1.04	.85	6.15	146.7	35.87
Kentucky	278	12,726	.85	.67	8.52	147.7	37.58
Harlan	70	12,949	.74	.57	7.88	146.4	37.90
Johnson	85	12,154	1.11	.92	10.90	150.7	36.62
Martin	8	12,780	.70	.55	8.16	143.3	36.63
Pike	115	13,011	.72	.56	7.17	146.6	38.16
Virginia	766	12,906	.93	.72	9.47	149.5	38.58
Lee	30	12,325	.76	.62	10.04	149.3	36.81
Wise	715	12,946	.94	.72	9.40	149.4	38.67
West Virginia	192	12,416	.72	.58	10.62	150.2	37.29
Mingo	192	12,416	.72	.58	10.62	150.2	37.29
Georgia Power Co Harlee Branch	2,972	12,297	1.27	1.03	10.91	156.9	38.59
Kentucky	2,972	12,297	1.27	1.03	10.91	156.9	38.59
Breathitt	83	12,194	1.74	1.43	10.03	150.8	36.78
Harlan	317	12,437	1.12	.90	9.54	152.0	37.82
Knott	1,111	12,439	1.07	.86	11.43	168.0	41.79
Leslie	30	12,931	1.14	.88	8.38	156.0	40.35
Letcher	68	12,476	1.14	.91	10.66	153.4	38.28
Perry	1,325	12,118	1.46	1.20	10.96	149.4	36.20
Pike	38	12,597	1.08	.86	9.63	150.5	37.92
Georgia Power Co Mitchell	177	12,598	1.13	.89	9.31	178.8	45.05
Kentucky	177	12,598	1.13	.89	9.31	178.8	45.05
Harlan	168	12,671	1.14	.90	8.87	178.7	45.30
Knott	10	11,336	.97	.86	16.81	180.1	40.83
Georgia Power Co Scherer	8,923	10,331	.50	.49	7.18	176.4	36.44
Kentucky	859	12,897	.66	.51	7.72	161.0	41.52
Harlan	320	13,243	.70	.53	6.53	164.5	43.57
Martin	161	12,872	.60	.47	6.70	155.5	40.03
Pike	377	12,614	.65	.52	9.17	160.2	40.41
Virginia	520	13,383	.74	.55	7.59	179.6	48.07
Wise	520	13,383	.74	.55	7.59	179.6	48.07
West Virginia	2,256	12,380	.63	.51	10.99	224.3	55.53
Mingo	2,256	12,380	.63	.51	10.99	224.3	55.53
Wyoming	5,287	8,739	.40	.45	5.43	150.6	26.32
Campbell	4,915	8,734	.41	.47	5.44	150.7	26.33
Converse	373	8,808	.26	.29	5.36	148.5	26.16
Georgia Power Co Wansley	3,285	12,439	.90	.72	8.76	185.6	46.17
Illinois	983	12,031	1.15	.95	7.26	147.5	35.48
Saline	983	12,031	1.15	.95	7.26	147.5	35.48
Kentucky	2,003	12,786	.82	.64	9.50	203.5	52.05
Bell	111	12,873	1.28	.99	7.54	192.8	49.64
Harlan	1,781	12,862	.79	.61	9.12	207.3	53.32
Johnson	41	12,529	.87	.69	11.16	155.3	38.91
Pike	51	9,980	.70	.70	27.10	139.5	27.85
Whitley	18	13,346	.85	.64	4.21	152.6	40.73
West Virginia	218	12,467	.69	.56	9.88	195.0	48.61
Mingo	218	12,467	.69	.56	9.88	195.0	48.61
Wyoming	81	8,732	.42	.48	5.71	138.3	24.15
Campbell	81	8,732	.42	.48	5.71	138.3	24.15
Georgia Power Co Yates	1,651	12,796	1.04	.81	9.38	151.0	38.65
Alabama	50	12,150	1.84	1.51	11.55	135.3	32.88
Fayette	50	12,150	1.84	1.51	11.55	135.3	32.88
Illinois	28	12,192	.94	.77	6.10	146.6	35.76
Saline	28	12,192	.94	.77	6.10	146.6	35.76
Kentucky	660	12,842	.98	.76	8.26	152.8	39.25
Bell	226	12,887	1.30	1.01	7.56	153.8	39.64
Harlan	182	13,192	.77	.58	7.07	151.3	39.92
Pike	242	12,519	.85	.68	9.98	153.0	38.31
Whitley	10	13,295	.83	.62	4.37	153.5	40.82

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Georgia Power Co Yates							
Virginia.....	913	12,816	1.04	0.82	10.17	150.7	38.62
Lee.....	62	11,462	1.48	1.29	16.71	119.9	27.48
Wise.....	794	12,921	1.03	.80	9.81	152.8	39.49
Grand Haven City of J B Simms	174	11,254	2.32	2.06	9.32	136.3	30.68
Indiana.....	162	11,108	2.29	2.06	9.75	136.0	30.21
Greene.....	162	11,108	2.29	2.06	9.75	136.0	30.21
Pennsylvania.....	12	13,227	2.71	2.05	3.59	139.9	37.00
Greene.....	12	13,227	2.71	2.05	3.59	139.9	37.00
Grand Island City of Platte	319	8,453	.33	.39	5.21	70.1	11.85
Wyoming.....	319	8,453	.33	.39	5.21	70.1	11.85
Campbell.....	319	8,453	.33	.39	5.21	70.1	11.85
Grand River Dam Authority GRDA 1	3,744	8,461	.37	.44	5.04	89.4	15.13
Oklahoma.....	79	12,945	3.28	2.53	8.47	103.8	26.86
Rogers.....	79	12,945	3.28	2.53	8.47	103.8	26.86
Wyoming.....	3,665	8,364	.31	.37	4.97	88.9	14.88
Campbell.....	3,665	8,364	.31	.37	4.97	88.9	14.88
Gulf Power Co Crist	1,708	12,086	1.04	.86	8.86	205.6	49.71
Alabama.....	172	12,080	1.04	.86	12.76	175.1	42.30
Tuscaloosa.....	76	12,641	.73	.58	10.89	169.8	42.93
Walker.....	96	11,638	1.28	1.10	14.24	179.6	41.81
Illinois.....	1,065	12,016	1.06	.88	6.86	212.8	51.15
Jefferson.....	401	11,977	.93	.78	6.88	203.0	48.61
Saline.....	663	12,040	1.14	.94	6.84	218.7	52.68
Kentucky.....	161	12,277	1.14	.93	10.23	203.5	49.98
Magoffin.....	80	11,918	1.26	1.06	11.54	195.0	46.49
Perry.....	81	12,633	1.03	.81	8.93	211.5	53.44
West Virginia.....	311	12,231	.93	.76	12.85	199.2	48.73
Boone.....	10	12,423	.74	.60	13.00	189.6	47.11
Fayette.....	265	12,130	.90	.74	13.40	197.1	47.82
Kanawha.....	34	12,955	1.25	.96	8.50	217.2	56.28
Unknown ²	2	12,229	.68	.56	15.10	188.8	46.18
Gulf Power Co Scholtz	76	12,377	1.94	1.57	9.18	167.7	41.50
Kentucky.....	76	12,377	1.94	1.57	9.18	167.7	41.50
Clay.....	15	12,151	.90	.74	11.10	165.7	40.27
Floyd.....	15	12,496	.92	.73	8.91	178.8	44.69
Perry.....	8	11,875	.89	.75	11.29	188.6	44.79
Webster.....	38	12,518	2.95	2.35	8.12	160.3	40.12
Gulf Power Co Smith	941	11,958	2.62	2.19	9.78	189.1	45.22
Alabama.....	191	11,712	2.92	2.49	13.90	179.6	42.08
Walker.....	191	11,712	2.92	2.49	13.90	179.6	42.08
Illinois.....	289	12,019	2.04	1.70	7.44	203.7	48.97
Franklin.....	39	11,921	2.53	2.12	8.83	184.0	43.86
Gallatin.....	29	12,629	2.59	2.05	7.56	197.7	49.93
Jefferson.....	49	11,902	1.01	.85	7.49	245.0	58.33
Saline.....	90	12,155	1.35	1.11	6.57	213.2	51.84
White.....	82	11,766	3.00	2.55	7.66	179.5	42.24
Kentucky.....	461	12,021	2.87	2.39	9.56	183.7	44.16
Union.....	261	12,037	2.72	2.26	8.98	190.6	45.89
Webster.....	200	12,000	3.06	2.55	10.31	174.6	41.91
Gulf States Utilities Co Nelson	1,992	8,708	.48	.55	5.64	136.8	23.82
Wyoming.....	1,992	8,708	.48	.55	5.64	136.8	23.82
Campbell.....	1,992	8,708	.48	.55	5.64	136.8	23.82
Hamilton City of Hamilton	136	12,507	.72	.57	9.14	147.1	36.80
Kentucky.....	79	12,450	.71	.57	9.05	145.8	36.30
Knott.....	42	12,294	.73	.60	9.51	149.6	36.78
Letcher.....	37	12,624	.69	.55	8.54	141.6	35.76

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Hamilton City of Hamilton							
West Virginia.....	57	12,585	0.73	0.58	9.26	149.0	37.51
Mingo.....	57	12,585	.73	.58	9.26	149.0	37.51
Hastings City of Hastings							
Wyoming.....	220	8,678	.31	.36	4.71	65.9	11.43
Campbell.....	220	8,678	.31	.36	4.71	65.9	11.43
Holland City of James De Young							
Kentucky.....	139	12,863	.86	.67	6.47	179.6	46.20
Pike.....	139	12,863	.86	.67	6.47	179.6	46.20
Holyoke Water Power Co Mount Tom							
Kentucky.....	127	13,006	.55	.42	7.61	203.8	53.01
Pike.....	127	13,006	.55	.42	7.61	203.8	53.01
Pennsylvania.....	280	13,248	1.38	1.04	7.15	165.9	43.96
Greene.....	247	13,234	1.40	1.05	7.24	166.9	44.18
Washington.....	8	13,499	1.27	.94	7.00	157.8	42.60
Westmoreland.....	25	13,297	1.26	.95	6.27	158.8	42.22
West Virginia.....	42	13,168	.61	.46	7.66	194.8	51.30
Kanawha.....	8	13,200	.63	.48	7.50	194.1	51.24
Nicholas.....	34	13,160	.61	.46	7.70	195.0	51.31
Hoosier Energy R E C Inc Merom							
Indiana.....	3,509	10,879	3.25	2.99	11.38	120.4	26.19
Clay.....	1,477	10,776	3.71	3.44	11.79	148.5	32.01
Daviess.....	370	10,976	2.73	2.49	10.77	100.6	22.09
Greene.....	89	11,066	3.48	3.15	11.39	91.5	20.24
Knox.....	722	10,978	2.58	2.35	10.36	107.5	23.60
Owen.....	41	10,984	2.83	2.58	9.74	96.0	21.09
Pike.....	532	10,974	4.22	3.85	12.75	99.6	21.86
Sullivan.....	248	10,798	1.45	1.34	10.27	84.7	18.30
Vigo.....	29	10,691	1.23	1.15	9.75	91.6	19.59
Warrick.....	1	10,350	5.40	5.22	14.30	117.6	24.34
Hoosier Energy R E C Inc Frank E Ratts							
Indiana.....	610	11,068	1.32	1.19	9.25	136.9	30.30
Pike.....	610	11,068	1.32	1.19	9.25	136.9	30.30
Houston Lighting & Power Co Limestone							
Texas.....	9,185	6,628	1.08	1.64	16.45	83.1	11.02
Freestone.....	730	6,543	1.90	2.90	16.95	82.9	10.99
Leon.....	8,455	6,636	1.01	1.53	16.95	74.1	9.70
Wyoming.....	23	8,689	.44	.51	16.41	83.6	11.10
Campbell.....	23	8,689	.44	.51	5.37	137.7	23.93
Houston Lighting & Power Co Parish							
Wyoming.....	9,502	8,600	.39	.46	5.15	190.9	32.83
Campbell.....	9,502	8,600	.39	.46	5.15	190.9	32.83
IES Utilities Co 6th St							
Illinois.....	34	12,097	.86	.72	6.65	152.8	31.43
Franklin.....	28	12,079	.87	.72	6.65	161.2	39.00
Jefferson.....	6	12,178	.83	.68	6.65	161.3	38.98
Montana.....	76	9,474	.33	.35	6.65	160.4	39.08
Big Horn.....	76	9,474	.33	.35	3.85	148.1	28.05
IES Utilities Co Burlington							
Illinois.....	43	11,777	1.61	1.36	7.34	148.1	28.05
Jefferson.....	43	11,777	1.61	1.36	7.34	136.1	32.06
Wyoming.....	518	8,194	.39	.47	5.51	86.4	14.16
Campbell.....	518	8,194	.39	.47	5.51	86.4	14.16
IES Utilities Co Ottumwa							
Wyoming.....	1,986	8,354	.35	.42	5.58	95.0	15.88
Campbell.....	1,986	8,354	.35	.42	5.58	95.0	15.88
IES Utilities Co Prairie Creek 1-4							
	833	8,528	.34	.40	5.67	94.9	16.18

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
IES Utilities Co Prairie Creek 1-4							
Colorado.....	30	11,169	0.53	0.47	11.50	136.3	30.46
Gunnison.....	30	11,169	.53	.47	11.50	136.3	30.46
Wyoming.....	803	8,429	.33	.39	5.45	92.8	15.65
Campbell.....	803	8,429	.33	.39	5.45	92.8	15.65
IES Utilities Co Sutherland	438	8,515	.36	.42	5.01	79.1	13.47
Wyoming.....	438	8,515	.36	.42	5.01	79.1	13.47
Campbell.....	438	8,515	.36	.42	5.01	79.1	13.47
Illinois Power Co Baldwin	5,067	10,773	2.90	2.69	10.08	104.9	22.60
Illinois.....	5,067	10,773	2.90	2.69	10.08	104.9	22.60
Perry.....	1,879	10,911	2.94	2.70	9.98	108.2	23.62
Randolph.....	156	11,108	3.00	2.70	9.10	97.4	21.64
Washington.....	3,032	10,669	2.87	2.69	10.19	103.2	22.01
Illinois Power Co Havana	1,008	11,673	.57	.49	8.46	137.3	32.05
Colorado.....	429	11,898	.59	.50	8.99	136.5	32.49
Gunnison.....	429	11,898	.59	.50	8.99	136.5	32.49
Illinois.....	22	10,872	1.20	1.11	6.93	130.9	28.46
Jefferson.....	6	12,243	.85	.69	5.10	131.5	32.19
Macoupin.....	16	10,336	1.34	1.30	7.65	130.6	27.00
Utah.....	488	11,679	.53	.46	8.33	138.6	32.37
Carbon.....	488	11,679	.53	.46	8.33	138.6	32.37
Wyoming.....	69	10,499	.49	.46	6.56	134.8	28.30
Carbon.....	69	10,499	.49	.46	6.56	134.8	28.30
Illinois Power Co Hennepin	791	10,692	2.87	2.68	10.12	117.5	25.12
Illinois.....	791	10,692	2.87	2.68	10.12	117.5	25.12
Macoupin.....	*	10,768	3.35	3.11	8.50	134.6	28.98
Washington.....	790	10,692	2.87	2.68	10.12	117.5	25.12
Illinois Power Co Vermilion	254	10,421	1.73	1.66	11.73	107.7	22.45
Illinois.....	254	10,421	1.73	1.66	11.73	107.7	22.45
Vermilion.....	254	10,421	1.73	1.66	11.73	107.7	22.45
Illinois Power Co Wood River	245	12,042	.81	.68	5.76	129.3	31.13
Colorado.....	25	12,017	.56	.47	9.46	130.6	31.39
Gunnison.....	25	12,017	.56	.47	9.46	130.6	31.39
Illinois.....	210	12,084	.85	.71	5.26	128.5	31.05
Jefferson.....	204	12,134	.83	.69	5.15	128.8	31.25
Macoupin.....	7	10,557	1.46	1.38	8.45	119.1	25.14
Indiana.....	9	11,169	.65	.58	7.20	144.5	32.28
Knox.....	9	11,169	.65	.58	7.20	144.5	32.28
Independence City of Blue Valley	77	10,766	2.72	2.53	12.88	123.7	26.63
Missouri.....	77	10,766	2.72	2.53	12.88	123.7	26.63
Bates.....	77	10,766	2.72	2.53	12.88	123.7	26.63
Indiana Michigan Power Co Tanners Creek	2,113	12,352	1.62	1.31	9.36	129.3	31.94
Kentucky.....	859	12,788	1.58	1.24	7.09	124.7	31.89
Floyd.....	15	12,117	.64	.53	9.96	116.1	28.13
Hopkins.....	223	11,565	2.19	1.90	9.89	110.4	25.53
Knott.....	39	12,070	.70	.58	11.48	113.2	27.32
Letcher.....	573	13,338	1.44	1.08	5.59	130.5	34.80
Perry.....	9	12,384	.73	.59	8.82	121.8	30.17
Ohio.....	303	11,934	4.14	3.47	10.95	89.2	21.28
Belmont.....	131	12,378	4.40	3.55	9.93	85.0	21.04
Gallia.....	18	10,929	2.81	2.57	12.00	104.4	22.82
Jackson.....	35	10,715	3.44	3.21	13.37	103.5	22.19
Monroe.....	99	12,160	4.54	3.74	11.03	85.2	20.71
Vinton.....	19	10,929	2.81	2.57	12.00	104.0	22.73
West Virginia.....	907	12,242	.87	.71	11.23	147.2	36.03
Boone.....	133	12,006	.63	.53	12.15	119.8	28.77
Fayette.....	238	12,423	.66	.53	11.52	175.9	43.70
Kanawha.....	238	12,423	.66	.53	11.52	175.9	43.70
Lincoln.....	36	11,975	.62	.52	9.90	117.6	28.18
Marshall.....	55	12,125	4.40	3.63	12.36	85.4	20.70

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Indiana Michigan Power Co Tanners Creek							
West Virginia							
Mingo.....	152	12,081	0.63	0.52	9.89	118.1	28.53
Wayne.....	54	11,975	.62	.52	9.90	117.6	28.17
Wyoming.....	43	8,922	.21	.23	4.12	123.1	21.96
Campbell.....	43	8,922	.21	.23	4.12	123.1	21.96
Indiana Michigan Power Co Rockport.....							
9,138 8,679 .28 .32 4.68 106.5 18.48							
Kentucky.....	5	12,143	.84	.69	9.40	117.4	28.51
Floyd.....	5	12,143	.84	.69	9.40	117.4	28.51
West Virginia.....	37	12,248	.63	.52	9.94	120.4	29.50
Boone.....	8	12,424	.61	.49	11.10	121.6	30.22
Lincoln.....	8	12,153	.65	.53	9.90	119.4	29.02
Mingo.....	10	12,309	.62	.50	9.10	121.7	29.96
Wayne.....	12	12,153	.65	.53	9.90	119.4	29.02
Wyoming.....	9,096	8,662	.28	.32	4.65	106.4	18.43
Campbell.....	9,096	8,662	.28	.32	4.65	106.4	18.43
Indiana-Kentucky Electric Corp Clifty Creek.....							
4,202 10,270 1.03 1.01 6.75 114.8 23.59							
Ohio.....	836	10,903	3.80	3.49	13.58	106.9	23.31
Jackson.....	836	10,903	3.80	3.49	13.58	106.9	23.31
Virginia.....	864	13,855	.74	.54	5.69	157.1	43.52
Buchanan.....	864	13,855	.74	.54	5.69	157.1	43.52
Wyoming.....	2,502	8,821	.21	.24	4.83	95.2	16.80
Campbell.....	1,543	8,848	.20	.23	4.53	91.1	16.11
Converse.....	959	8,776	.23	.26	5.31	102.0	17.90
Indianapolis Power & Light Co Stout.....							
1,484 11,025 1.23 1.11 8.43 111.3 24.54							
Indiana.....	1,484	11,025	1.23	1.11	8.43	111.3	24.54
Greene.....	690	11,201	1.37	1.22	8.17	117.7	26.36
Pike.....	83	10,868	.89	.82	8.98	97.1	21.10
Sullivan.....	55	10,940	1.04	.95	8.61	96.2	21.05
Vigo.....	656	10,868	1.14	1.05	8.63	107.4	23.36
Indianapolis Power & Light Co Petersburg.....							
5,309 11,084 2.63 2.37 9.67 92.4 20.49							
Indiana.....	5,309	11,084	2.63	2.37	9.67	92.4	20.49
Daviess.....	2,046	11,234	2.14	1.91	8.94	86.0	19.32
Dubois.....	8	11,565	.84	.73	8.22	83.1	19.22
Gibson.....	551	11,004	3.31	3.01	11.55	81.4	17.92
Greene.....	54	10,674	1.98	1.85	11.36	64.2	13.70
Knox.....	682	11,052	2.46	2.23	9.69	80.1	17.70
Pike.....	11	11,316	3.60	3.18	8.10	78.7	17.81
Sullivan.....	1	9,012	1.36	1.51	22.40	56.0	10.09
Vigo.....	2	10,807	1.22	1.13	8.95	74.9	16.20
Warrick.....	1,954	10,971	3.02	2.75	9.87	107.7	23.62
Indianapolis Power & Light Co Pritchard.....							
580 11,062 1.14 1.03 8.10 103.1 22.82							
Indiana.....	580	11,062	1.14	1.03	8.10	103.1	22.82
Daviess.....	46	11,295	1.19	1.05	7.98	104.8	23.67
Greene.....	186	11,431	1.30	1.13	6.98	112.4	25.70
Owen.....	31	11,362	1.27	1.12	6.30	110.2	25.03
Pike.....	40	10,814	.97	.89	8.72	95.2	20.59
Sullivan.....	218	10,777	1.01	.94	9.04	94.4	20.35
Vigo.....	59	10,784	1.15	1.06	8.74	104.4	22.53
Interstate Power Co Dubuque.....							
73 10,904 2.56 2.35 8.90 107.9 23.52							
Illinois.....	58	10,651	2.51	2.35	9.65	107.9	22.99
Jackson.....	58	10,651	2.51	2.35	9.65	107.9	22.99
Kentucky.....	15	11,868	2.76	2.32	6.04	107.7	25.57
Union.....	15	11,868	2.76	2.32	6.04	107.7	25.57
Interstate Power Co Lansing.....							
589 8,603 .41 .48 4.63 206.2 35.48							
Kentucky.....	28	11,608	2.66	2.29	6.85	116.2	26.98
Union.....	28	11,608	2.66	2.29	6.85	116.2	26.98
Wyoming.....	561	8,454	.30	.36	4.52	212.3	35.90
Campbell.....	561	8,454	.30	.36	4.52	212.3	35.90
Interstate Power Co Kapp.....							
426 11,516 .53 .46 10.03 134.2 30.91							

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Interstate Power Co Kapp							
Colorado.....	426	11,516	0.53	0.46	10.03	134.2	30.91
Mesa.....	426	11,516	.53	.46	10.03	134.2	30.91
Iowa-Illinois Gas&Electric Co Riverside.....	415	8,438	.33	.39	5.45	92.1	15.54
Wyoming.....	415	8,438	.33	.39	5.45	92.1	15.54
Campbell.....	415	8,438	.33	.39	5.45	92.1	15.54
Iowa-Illinois Gas&Electric Co Louisa	2,173	8,380	.35	.41	5.65	106.4	17.84
Wyoming.....	2,173	8,380	.35	.41	5.65	106.4	17.84
Campbell.....	2,173	8,380	.35	.41	5.65	106.4	17.84
Jacksonville Electric Auth St. Johns River	3,125	12,242	1.14	.93	9.05	165.3	40.48
Kentucky.....	1,562	12,614	1.49	1.18	9.99	174.6	44.05
Bell.....	20	12,668	1.01	.80	8.70	155.6	39.42
Harlan.....	1,000	12,863	1.28	.99	8.86	176.4	45.38
Hopkins.....	60	11,663	3.71	3.18	11.20	146.5	34.17
Letcher.....	30	13,072	1.11	.85	6.67	145.3	38.00
Pike.....	452	12,159	1.71	1.40	12.60	176.9	43.03
West Virginia.....	178	12,013	.85	.71	13.35	196.6	47.24
Boone.....	49	11,946	.75	.63	12.22	197.2	47.12
Logan.....	129	12,039	.89	.74	13.78	196.4	47.29
Imported.....	1,385	11,851	.78	.66	7.42	150.1	35.59
Imported Coal.....	1,385	11,851	.78	.66	7.42	150.1	35.59
Jamestown City of Samuel A Carlson	100	12,666	1.82	1.44	9.65	132.4	33.53
Pennsylvania.....	100	12,666	1.82	1.44	9.65	132.4	33.53
Armstrong.....	11	12,780	2.20	1.72	8.67	131.8	33.68
Butler.....	18	12,664	1.68	1.32	9.57	130.5	33.06
Clarion.....	21	12,681	1.91	1.51	9.06	135.3	34.31
Elk.....	50	12,635	1.75	1.38	10.14	132.0	33.35
Kansas City City of Quindaro	413	10,680	1.24	1.17	7.64	121.3	25.92
Illinois.....	129	10,941	2.95	2.70	10.05	106.7	23.36
Perry.....	129	10,941	2.95	2.70	10.05	106.7	23.36
Wyoming.....	284	10,561	.47	.44	6.54	128.2	27.09
Carbon.....	284	10,561	.47	.44	6.54	128.2	27.09
Kansas City City of Kaw	58	10,512	.46	.44	6.62	128.8	27.09
Wyoming.....	58	10,512	.46	.44	6.62	128.8	27.09
Carbon.....	58	10,512	.46	.44	6.62	128.8	27.09
Kansas City City of Nearman	955	8,308	.35	.42	4.87	81.1	13.47
Wyoming.....	955	8,308	.35	.42	4.87	81.1	13.47
Campbell.....	955	8,308	.35	.42	4.87	81.1	13.47
Kansas City Power & Light Co Hawthorne	1,328	8,755	.34	.39	5.47	68.0	11.91
Wyoming.....	1,328	8,755	.34	.39	5.47	68.0	11.91
Campbell.....	1,328	8,755	.34	.39	5.47	68.0	11.91
Kansas City Power & Light Co Iatan	2,594	8,731	.35	.40	5.49	79.1	13.82
Wyoming.....	2,594	8,731	.35	.40	5.49	79.1	13.82
Campbell.....	2,594	8,731	.35	.40	5.49	79.1	13.82
Kansas City Power & Light Co La Cygne.....	3,996	8,708	.69	.79	6.34	68.2	11.88
Kansas.....	209	10,903	4.04	3.70	19.44	100.9	21.99
Linn.....	209	10,903	4.04	3.70	19.44	100.9	21.99
Missouri.....	154	10,824	4.09	3.78	16.87	101.0	21.87
Bates.....	124	10,736	3.75	3.50	16.56	102.0	21.91
Vernon.....	30	11,190	5.48	4.90	18.16	96.9	21.70
Wyoming.....	3,633	8,492	.35	.41	5.14	64.0	10.87
Campbell.....	3,633	8,492	.35	.41	5.14	64.0	10.87
Kansas City Power & Light Co Montrose	1,653	8,686	.21	.25	5.01	96.8	16.82
Wyoming.....	1,653	8,686	.21	.25	5.01	96.8	16.82
Campbell.....	1,653	8,686	.21	.25	5.01	96.8	16.82
Kansas Power & Light Co Lawrence	1,116	10,862	.42	.38	7.57	124.2	26.99

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Kansas Power & Light Co Lawrence							
Colorado.....	1,044	10,971	0.42	0.38	7.77	126.0	27.64
Moffat.....	390	10,410	.36	.35	6.11	125.2	26.06
Routt.....	654	11,305	.46	.40	8.76	126.4	28.58
Montana.....	72	9,284	.38	.41	4.62	94.7	17.57
Big Horn.....	72	9,284	.38	.41	4.62	94.7	17.57
Kansas Power & Light Co Jeffrey Energy	8,254	8,348	.37	.45	4.71	112.2	18.73
Wyoming.....	8,254	8,348	.37	.45	4.71	112.2	18.73
Campbell.....	8,254	8,348	.37	.45	4.71	112.2	18.73
Kansas Power & Light Co Tecumseh	497	10,815	.41	.38	7.43	123.8	26.79
Colorado.....	465	10,921	.41	.38	7.63	125.6	27.42
Moffat.....	202	10,412	.36	.34	5.97	125.3	26.10
Routt.....	263	11,312	.46	.40	8.90	125.7	28.44
Montana.....	32	9,286	.38	.41	4.57	94.6	17.57
Big Horn.....	32	9,286	.38	.41	4.57	94.6	17.57
Kentucky Power Co Big Sandy	2,910	12,215	1.25	1.03	10.12	107.9	26.37
Kentucky.....	2,910	12,215	1.25	1.03	10.12	107.9	26.37
Breathitt.....	432	12,271	1.14	.93	9.64	105.0	25.76
Floyd.....	971	12,184	1.29	1.06	10.51	113.2	27.59
Johnson.....	689	12,152	1.37	1.13	10.07	104.3	25.34
Knott.....	162	12,344	1.29	1.04	11.04	106.9	26.39
Lawrence.....	52	12,391	.99	.80	8.04	103.9	25.74
Martin.....	145	12,143	1.29	1.06	9.97	109.0	26.48
Perry.....	379	12,288	1.08	.88	9.56	105.4	25.89
Pike.....	79	12,259	1.29	1.05	10.92	106.4	26.08
Kentucky Utilities Co Green River	345	11,834	2.54	2.15	8.11	105.2	24.89
Kentucky.....	345	11,834	2.54	2.15	8.11	105.2	24.89
Daviess.....	14	11,188	2.17	1.94	8.93	119.2	26.67
Hopkins.....	154	12,040	2.49	2.07	7.58	103.2	24.85
Letcher.....	2	12,419	.88	.71	9.85	137.9	34.25
Muhlenberg.....	175	11,698	2.64	2.25	8.48	105.5	24.67
Kentucky Utilities Co Brown	1,317	12,089	1.23	1.02	11.36	120.5	29.12
Kentucky.....	1,317	12,089	1.23	1.02	11.36	120.5	29.12
Breathitt.....	259	12,086	1.47	1.21	11.61	124.7	30.15
Floyd.....	9	12,216	.67	.55	11.90	117.8	28.78
Perry.....	1,049	12,088	1.18	.98	11.29	119.4	28.87
Kentucky Utilities Co Ghent	4,774	12,189	1.47	1.21	10.88	114.1	27.81
Indiana.....	277	11,352	3.26	2.88	8.95	98.8	22.44
Pike.....	277	11,352	3.26	2.88	8.95	98.8	22.44
Kentucky.....	769	11,899	1.47	1.24	10.62	113.8	27.07
Daviess.....	218	11,083	3.06	2.76	9.71	98.0	21.72
Floyd.....	93	12,125	.65	.53	11.61	123.9	30.04
Johnson.....	6	11,729	.64	.55	11.50	116.0	27.21
Knott.....	316	12,298	.94	.77	11.03	119.5	29.40
Leslie.....	125	12,403	.73	.59	8.66	118.9	29.49
Martin.....	11	9,107	1.39	1.53	30.10	75.7	13.79
West Virginia.....	3,728	12,311	1.34	1.09	11.08	115.2	28.36
Boone.....	277	12,574	.68	.54	10.78	118.3	29.75
Fayette.....	308	12,420	.67	.54	12.09	119.4	29.67
Kanawha.....	844	12,538	.70	.56	11.02	125.3	31.43
Logan.....	755	12,160	.65	.54	11.89	125.1	30.43
Marshall.....	918	12,266	3.40	2.77	10.48	88.2	21.63
Mingo.....	286	12,052	.62	.51	11.52	117.8	28.39
Wayne.....	299	12,147	.65	.54	9.81	133.9	32.53
Wyoming.....	40	11,860	.67	.57	11.47	117.4	27.84
Kentucky Utilities Co Tyrone	51	12,950	.84	.65	7.06	116.6	30.20
Kentucky.....	51	12,950	.84	.65	7.06	116.6	30.20
Letcher.....	51	12,950	.84	.65	7.06	116.6	30.20
Lakeland City of Plant 3-Mcintosh	758	12,876	1.26	.98	8.42	172.7	44.48

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Lakeland City of Plant 3-Mcintosh							
Kentucky.....	758	12,876	1.26	0.98	8.42	172.7	44.48
Breathitt.....	10	12,821	.82	.64	6.50	175.9	45.10
Floyd.....	36	12,102	.92	.76	11.10	176.6	42.75
Harlan.....	517	12,861	1.28	.99	8.71	173.7	44.67
Knott.....	195	13,064	1.29	.99	7.24	169.4	44.27
Lansing City of Eckert.....	402	11,631	.71	.61	7.15	161.0	37.45
Kentucky.....	270	12,675	.87	.69	7.68	164.8	41.77
Pike.....	270	12,675	.87	.69	7.68	164.8	41.77
West Virginia.....	24	12,580	.89	.71	8.60	163.8	41.22
Boone.....	10	12,747	.86	.67	9.39	165.8	42.27
Wayne.....	14	12,463	.91	.73	8.04	162.5	40.49
Wyoming.....	108	8,805	.26	.29	5.48	146.3	25.77
Converse.....	108	8,805	.26	.29	5.48	146.3	25.77
Lansing City of Erickson.....	402	12,602	.92	.73	8.09	162.9	41.06
Kentucky.....	366	12,640	.92	.73	8.10	163.2	41.25
Letcher.....	22	12,635	.89	.71	7.66	162.5	41.06
Pike.....	343	12,640	.93	.73	8.13	163.2	41.27
West Virginia.....	33	12,547	.93	.74	8.20	161.3	40.48
Wayne.....	33	12,547	.93	.74	8.20	161.3	40.48
Wyoming.....	3	8,940	.33	.37	6.02	144.1	25.77
Converse.....	3	8,940	.33	.37	6.02	144.1	25.77
Los Angeles City of Intermountain.....	5,098	11,633	.55	.48	9.19	140.4	32.67
Colorado.....	185	10,444	.35	.34	5.76	123.9	25.88
Moffat.....	185	10,444	.35	.34	5.76	123.9	25.88
Utah.....	4,891	11,691	.56	.48	9.34	141.0	32.97
Carbon.....	4,066	11,582	.56	.48	9.38	150.6	34.88
Emery.....	825	12,225	.58	.47	9.15	96.4	23.58
Wyoming.....	22	8,837	.24	.27	4.90	128.3	22.68
Converse.....	22	8,837	.24	.27	4.90	128.3	22.68
Louisville Gas & Electric Co Cane Run.....	1,335	11,508	3.33	2.90	11.61	99.3	22.87
Indiana.....	99	11,283	3.34	2.96	8.78	89.8	20.27
Gibson.....	3	11,202	3.34	2.99	9.85	91.4	20.49
Pike.....	63	11,536	3.70	3.21	8.11	86.2	19.89
Warrick.....	33	10,816	2.67	2.47	9.95	96.9	20.96
Kentucky.....	1,222	11,518	3.32	2.88	11.85	100.0	23.05
Henderson.....	75	11,055	2.66	2.41	9.38	95.1	21.02
Hopkins.....	1,097	11,535	3.41	2.95	12.02	100.0	23.06
Perry.....	20	12,021	1.13	.94	13.73	118.1	28.38
Webster.....	31	11,730	3.04	2.59	10.65	102.4	24.03
Ohio.....	14	12,220	4.82	3.95	10.07	104.1	25.44
Monroe.....	14	12,220	4.82	3.95	10.07	104.1	25.44
Louisville Gas & Electric Co Mill Creek.....	3,708	11,436	3.15	2.75	11.25	94.8	21.68
Indiana.....	1,239	11,013	3.12	2.83	10.18	88.8	19.55
Daviess.....	22	10,887	2.44	2.24	12.34	101.8	22.16
Gibson.....	411	11,247	3.56	3.17	10.45	81.9	18.43
Pike.....	99	11,533	3.85	3.34	8.20	101.1	23.33
Warrick.....	706	10,806	2.78	2.57	10.24	90.7	19.59
Kentucky.....	2,195	11,576	3.11	2.69	11.89	97.0	22.46
Henderson.....	131	10,809	3.11	2.88	10.83	88.0	19.03
Hopkins.....	931	11,550	3.45	2.99	12.18	98.6	22.77
McLean.....	92	10,912	3.67	3.36	14.78	91.3	19.93
Magoffin.....	201	11,661	2.41	2.07	12.97	104.8	24.44
Ohio.....	22	10,744	3.83	3.57	13.34	81.6	17.53
Perry.....	165	11,896	1.86	1.57	12.53	110.2	26.23
Union.....	19	11,238	2.83	2.52	9.10	108.7	24.43
Webster.....	633	11,800	3.07	2.60	10.78	91.4	21.58
Ohio.....	38	12,303	4.55	3.70	11.20	99.7	24.52
Belmont.....	24	12,344	4.41	3.57	11.74	101.0	24.94
Monroe.....	14	12,235	4.80	3.92	10.30	97.4	23.83

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Louisville Gas & Electric Co Mill Creek							
West Virginia.....	237	12,206	3.39	2.77	10.98	103.1	25.18
Brooke.....	105	12,269	3.72	3.04	10.33	105.6	25.91
Fayette.....	42	12,292	2.32	1.89	12.46	110.9	27.26
Kanawha.....	8	11,462	2.18	1.90	14.39	108.9	24.96
Marshall.....	82	12,156	3.62	2.98	10.71	95.4	23.20
Louisville Gas & Electric Co Trimble County.....	1,654	11,683	4.05	3.47	12.22	88.7	20.72
Indiana.....	191	11,016	3.24	2.94	10.64	89.6	19.75
Gibson.....	36	11,126	3.65	3.28	11.28	81.6	18.15
Pike.....	25	11,663	3.90	3.34	8.75	87.4	20.39
Warrick.....	131	10,864	3.00	2.77	10.83	92.3	20.06
Kentucky.....	504	10,871	3.59	3.30	13.71	91.4	19.88
Henderson.....	243	10,808	3.71	3.44	12.67	87.2	18.85
Hopkins.....	31	10,863	3.42	3.15	13.40	92.0	19.99
McLean.....	118	10,721	3.68	3.43	15.97	93.7	20.09
Martin.....	14	9,507	1.71	1.80	27.85	76.6	14.57
Ohio.....	63	11,183	4.07	3.64	11.90	93.3	20.87
Pike.....	9	11,945	.86	.72	11.60	176.6	42.19
Webster.....	23	11,668	3.13	2.68	11.07	92.4	21.57
Unknown ²	3	12,352	2.45	1.98	10.65	71.9	17.76
Ohio.....	584	12,265	4.51	3.68	11.67	86.4	21.20
Belmont.....	269	12,300	4.45	3.62	12.11	86.9	21.37
Lawrence.....	3	10,017	4.25	4.24	15.74	91.7	18.38
Monroe.....	311	12,258	4.57	3.73	11.26	86.0	21.09
Unknown ²	1	11,986	2.87	2.39	10.90	70.9	17.00
West Virginia.....	373	12,213	4.37	3.58	11.86	88.5	21.62
Brooke.....	5	12,343	4.41	3.57	10.30	108.5	26.78
Fayette.....	15	11,925	3.05	2.56	16.10	102.4	24.42
Kanawha.....	40	11,968	3.37	2.82	15.16	101.4	24.26
Marshall.....	311	12,258	4.57	3.73	11.26	86.0	21.09
Unknown ²	2	11,986	2.87	2.39	10.90	62.6	15.00
Lower Colorado River Authority S Seymour-Fayette.....	5,462	8,539	.35	.41	5.66	96.6	16.50
Wyoming.....	5,462	8,539	.35	.41	5.66	96.6	16.50
Campbell.....	5,462	8,539	.35	.41	5.66	96.6	16.50
Madison Gas & Electric Co Blount.....	144	10,757	1.35	1.25	9.14	134.0	28.83
Indiana.....	144	10,757	1.35	1.25	9.14	134.0	28.83
Sullivan.....	144	10,757	1.35	1.25	9.14	134.0	28.83
Manitowoc Public Utilities Manitowoc.....	140	12,533	1.14	.91	7.35	157.8	39.55
Colorado.....	36	11,612	.55	.47	7.93	147.8	34.34
Gunnison.....	36	11,612	.55	.47	7.93	147.8	34.34
Illinois.....	4	11,600	2.50	2.16	9.00	130.5	30.28
Franklin.....	4	11,600	2.50	2.16	9.00	130.5	30.28
Indiana.....	16	11,723	1.08	.92	6.14	154.3	36.17
Owen.....	16	11,723	1.08	.92	6.14	154.3	36.17
Kentucky.....	34	13,188	.90	.68	7.66	181.9	47.97
Perry.....	17	13,284	.92	.69	8.00	176.7	46.95
Pike.....	17	13,092	.89	.68	7.32	187.1	48.99
Pennsylvania.....	50	13,086	1.64	1.25	6.94	150.5	39.40
Greene.....	50	13,086	1.64	1.25	6.94	150.5	39.40
West Virginia.....	1	12,924	.66	.51	8.30	188.9	48.83
Wayne.....	1	12,924	.66	.51	8.30	188.9	48.83
Marquette City of Shiras.....	144	9,363	.36	.38	4.18	132.0	24.72
Montana.....	144	9,363	.36	.38	4.18	132.0	24.72
Big Horn.....	144	9,363	.36	.38	4.18	132.0	24.72
Metropolitan Edison Co Portland.....	753	13,184	1.77	1.34	7.35	138.1	36.41
Pennsylvania.....	87	13,188	1.60	1.21	6.95	147.0	38.77
Greene.....	69	13,175	1.62	1.23	6.79	146.2	38.54
Washington.....	18	13,236	1.53	1.16	7.53	149.9	39.68
West Virginia.....	667	13,184	1.79	1.36	7.40	136.9	36.10
Marion.....	500	13,175	1.76	1.34	7.40	135.6	35.73
Monongalia.....	166	13,211	1.87	1.41	7.40	140.8	37.21

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Metropolitan Edison Co Titus	512	13,117	1.44	1.10	6.82	140.7	36.91
Pennsylvania	512	13,117	1.44	1.10	6.82	140.7	36.91
Greene	512	13,117	1.44	1.10	6.82	140.7	36.91
Michigan South Central Pwr Agcy Endicott	60	12,070	3.37	2.79	9.02	162.7	39.29
Ohio	60	12,070	3.37	2.79	9.02	162.7	39.29
Columbiana	2	12,588	2.68	2.13	9.91	159.0	40.04
Harrison	7	12,213	3.59	2.94	10.91	155.7	38.04
Holmes	43	11,995	3.38	2.81	8.94	166.3	39.89
Tuscarawas	9	12,184	3.38	2.77	7.67	152.3	37.10
Midwest Power Council Bluffs	2,648	8,344	.37	.44	4.78	81.9	13.67
Wyoming	2,648	8,344	.37	.44	4.78	81.9	13.67
Campbell	2,648	8,344	.37	.44	4.78	81.9	13.67
Midwest Power George Neal 1/4	5,158	8,669	.37	.43	5.18	72.4	12.55
Wyoming	5,158	8,669	.37	.43	5.18	72.4	12.55
Campbell	4,758	8,490	.35	.41	5.11	68.9	11.70
Carbon	400	10,798	.63	.58	5.98	105.2	22.71
Minnesota Power & Light Co Boswell Energy Cen	3,752	9,097	.55	.60	6.32	110.5	20.11
Montana	3,752	9,097	.55	.60	6.32	110.5	20.11
Big Horn	1,811	9,401	.35	.38	4.07	104.4	19.62
Rosebud	1,942	8,814	.73	.82	8.42	116.7	20.56
Minnesota Power & Light Co Laskin Energy Cen	412	9,391	.39	.42	4.41	113.4	21.30
Montana	412	9,391	.39	.42	4.41	113.4	21.30
Big Horn	412	9,391	.39	.42	4.41	113.4	21.30
Minnkota Power Coop Inc Young	3,964	6,745	.86	1.27	8.25	61.9	8.36
North Dakota	3,964	6,745	.86	1.27	8.25	61.9	8.36
Oliver	3,964	6,745	.86	1.27	8.25	61.9	8.36
Mississippi Power Co Daniel	3,221	9,323	.39	.42	4.56	145.5	27.13
Montana	3,221	9,323	.39	.42	4.56	145.5	27.13
Big Horn	3,221	9,323	.39	.42	4.56	145.5	27.13
Mississippi Power Co Watson	1,849	11,522	1.04	.91	7.20	141.1	32.51
Alabama	126	12,461	1.04	.83	9.73	145.8	36.34
Jefferson	59	11,745	1.31	1.11	10.38	156.2	36.69
Tuscaloosa	67	13,097	.80	.61	9.16	137.6	36.03
Colorado	36	11,518	.49	.42	7.49	154.8	35.65
Gunnison	36	11,518	.49	.42	7.49	154.8	35.65
Illinois	1,149	11,897	1.19	1.00	7.04	138.4	32.93
Gallatin	16	12,969	2.72	2.10	8.30	118.6	30.76
Jefferson	44	11,803	.96	.81	5.93	149.4	35.28
Saline	1,090	11,885	1.18	.99	7.06	138.2	32.86
Kentucky	252	12,560	1.13	.90	8.37	154.3	38.76
Floyd	206	12,527	1.11	.89	8.36	153.0	38.34
Letcher	43	12,781	1.13	.88	8.27	161.9	41.38
Union	3	11,698	2.17	1.86	10.61	129.7	30.34
Wyoming	285	8,677	.46	.53	5.69	133.8	23.22
Campbell	285	8,677	.46	.53	5.69	133.8	23.22
Monongahela Power Co Albright	318	12,768	1.67	1.30	10.96	105.3	26.89
West Virginia	318	12,768	1.67	1.30	10.96	105.3	26.89
Harrison	*	11,880	1.38	1.16	14.10	87.4	20.77
Preston	309	12,768	1.68	1.31	10.91	105.3	26.88
Upshur	9	12,774	1.31	1.02	12.54	107.1	27.36
Monongahela Power Co Ft Martin	2,818	12,612	1.49	1.18	11.06	122.0	30.77
Pennsylvania	1,911	12,669	1.50	1.18	10.65	126.7	32.11
Greene	1,911	12,669	1.50	1.18	10.65	126.7	32.11
West Virginia	908	12,491	1.47	1.18	11.91	111.8	27.94
Monongalia	908	12,491	1.47	1.18	11.91	111.8	27.94
Monongahela Power Co Harrison	5,299	12,553	3.40	2.71	11.73	114.0	28.63

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Monongahela Power Co Harrison							
West Virginia.....	5,299	12,553	3.40	2.71	11.73	114.0	28.63
Barbour	13	12,486	3.53	2.83	13.66	77.2	19.28
Harrison	4,607	12,529	3.55	2.83	11.95	114.6	28.71
Marion.....	2	13,370	2.47	1.85	8.30	83.0	22.19
Monongalia.....	677	12,719	2.43	1.91	10.21	111.1	28.26
Monongahela Power Co Pleasants.....	3,519	12,355	3.96	3.21	10.46	88.6	21.90
Ohio	1,586	12,568	3.90	3.10	9.33	86.0	21.63
Belmont.....	1,586	12,568	3.90	3.10	9.33	86.0	21.63
West Virginia.....	1,933	12,180	4.01	3.30	11.39	90.8	22.12
Marshall.....	1,926	12,179	4.02	3.30	11.38	90.7	22.09
Monongalia.....	7	12,366	2.66	2.15	12.00	126.3	31.24
Monongahela Power Co Rivesville.....	68	12,751	1.02	.80	10.05	131.6	33.56
Pennsylvania.....	53	12,890	1.04	.81	9.18	130.7	33.69
Fayette.....	53	12,890	1.04	.81	9.18	130.7	33.69
West Virginia.....	15	12,259	.94	.76	13.12	135.0	33.10
Monongalia.....	15	12,259	.94	.76	13.12	135.0	33.10
Monongahela Power Co Willow Island.....	304	13,242	1.42	1.07	6.77	119.8	31.73
Pennsylvania.....	304	13,242	1.42	1.07	6.77	119.8	31.73
Greene.....	153	13,110	1.38	1.05	7.22	120.2	31.52
Washington.....	151	13,375	1.46	1.09	6.32	119.4	31.94
Montana Power Co Colstrip.....	8,495	8,465	.76	.89	9.63	68.7	11.63
Montana.....	8,495	8,465	.76	.89	9.63	68.7	11.63
Rosebud.....	8,495	8,465	.76	.89	9.63	68.7	11.63
Montana Power Co Corette.....	510	8,324	.23	.27	4.47	55.5	9.24
Wyoming.....	510	8,324	.23	.27	4.47	55.5	9.24
Campbell.....	510	8,324	.23	.27	4.47	55.5	9.24
Montana-Dakota Utilities Co Coyote.....	1,737	6,944	1.09	1.58	8.19	83.7	11.62
North Dakota.....	1,737	6,944	1.09	1.58	8.19	83.7	11.62
Mercer.....	745	6,937	1.08	1.55	8.22	83.4	11.58
Oliver.....	991	6,949	1.11	1.59	8.18	83.8	11.65
Montana-Dakota Utilities Co Heskett.....	409	7,045	.77	1.09	7.72	111.6	15.73
North Dakota.....	409	7,045	.77	1.09	7.72	111.6	15.73
Mercer.....	246	7,057	.75	1.07	7.80	111.8	15.78
Oliver.....	160	7,025	.78	1.11	7.60	112.3	15.78
Unknown ²	3	7,047	.82	1.16	7.89	53.8	7.58
Montana-Dakota Utilities Co Lewis and Clark.....	155	6,631	.52	.79	8.54	97.8	12.98
Montana.....	155	6,631	.52	.79	8.54	97.8	12.98
Richland.....	155	6,631	.52	.79	8.54	97.8	12.98
Montaup Electric Co Somerset.....	279	12,710	.74	.58	7.68	179.3	45.58
West Virginia.....	279	12,710	.74	.58	7.68	179.3	45.58
Mingo.....	279	12,710	.74	.58	7.68	179.3	45.58
Muscatine City of Muscatine.....	862	9,154	1.17	1.28	7.25	94.3	17.27
Colorado.....	10	12,814	.60	.47	8.72	141.2	36.19
Mesa.....	10	12,814	.60	.47	8.72	141.2	36.19
Indiana.....	218	10,882	1.43	1.31	9.29	122.7	26.70
Sullivan.....	218	10,882	1.43	1.31	9.29	122.7	26.70
Wyoming.....	634	8,500	1.09	1.29	6.53	80.7	13.72
Campbell.....	634	8,500	1.09	1.29	6.53	80.7	13.72
Nebraska Public Power District Gerald Gentleman.....	5,252	8,622	.25	.29	4.48	47.0	8.10
Wyoming.....	5,252	8,622	.25	.29	4.48	47.0	8.10
Campbell.....	5,252	8,622	.25	.29	4.48	47.0	8.10
Nebraska Public Power District Sheldon.....	865	8,819	.22	.25	4.50	65.1	11.49

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Nebraska Public Power District Sheldon							
Wyoming	865	8,819	0.22	0.25	4.50	65.1	11.49
Campbell	831	8,736	.21	.24	4.44	62.9	10.98
Carbon	34	10,866	.63	.58	5.98	109.8	23.87
Nevada Power Co Gardner	1,269	11,645	.56	.48	8.94	126.6	29.49
Colorado	48	11,726	.58	.49	7.95	201.3	47.21
Gunnison	48	11,726	.58	.49	7.95	201.3	47.21
Utah	1,221	11,642	.56	.48	8.98	123.7	28.79
Carbon	733	11,817	.69	.58	9.43	130.4	30.81
Sevier	488	11,379	.37	.32	8.29	113.2	25.77
New England Power Co Brayton	3,000	12,524	.69	.55	8.66	168.3	42.15
Kentucky	454	12,724	.70	.55	7.54	172.3	43.83
Martin	426	12,699	.70	.55	7.50	174.5	44.31
Pike	28	13,094	.72	.55	8.15	139.7	36.58
West Virginia	1,585	12,526	.70	.56	10.62	168.8	42.29
Boone	220	12,495	.72	.58	11.20	161.7	40.42
Clay	10	12,633	.65	.51	10.79	181.1	45.76
Kanawha	318	12,549	.69	.55	11.33	168.4	42.26
Logan	465	12,257	.70	.57	11.53	168.6	41.32
Mingo	492	12,753	.71	.55	9.01	172.1	43.88
Webster	80	12,674	.73	.58	10.83	169.4	42.95
Imported	961	12,424	.65	.52	5.96	165.5	41.12
Imported Coal	961	12,424	.65	.52	5.96	165.5	41.12
New England Power Co Salem Harbor	817	12,367	.66	.53	7.41	167.3	41.37
Kentucky	136	12,613	.66	.52	7.78	176.6	44.55
Martin	136	12,613	.66	.52	7.78	176.6	44.55
West Virginia	181	12,500	.69	.55	10.75	165.8	41.46
Boone	71	12,660	.69	.55	9.83	176.4	44.67
Kanawha	37	12,356	.68	.55	12.17	144.3	35.66
Logan	50	12,350	.71	.57	11.70	174.9	43.19
Mingo	23	12,572	.65	.52	9.19	147.4	37.07
Imported	499	12,252	.64	.53	6.10	165.2	40.48
Imported Coal	499	12,252	.64	.53	6.10	165.2	40.48
New York State Elec & Gas Corp Goudey	281	13,356	2.11	1.58	6.79	141.0	37.68
Pennsylvania	10	13,173	1.31	.99	7.40	144.5	38.07
Washington	10	13,173	1.31	.99	7.40	144.5	38.07
West Virginia	271	13,363	2.14	1.60	6.77	140.9	37.66
Marion	10	13,338	2.28	1.71	7.70	140.5	37.48
Monongalia	261	13,364	2.14	1.60	6.74	140.9	37.67
New York State Elec & Gas Corp Greenidge	212	13,137	1.54	1.17	7.35	143.3	37.66
Pennsylvania	202	13,136	1.47	1.12	7.33	143.5	37.70
Washington	202	13,136	1.47	1.12	7.33	143.5	37.70
West Virginia	9	13,151	3.03	2.30	7.80	139.8	36.77
Monongalia	9	13,151	3.03	2.30	7.80	139.8	36.77
New York State Elec & Gas Corp Jennison	111	12,454	1.47	1.18	10.71	161.5	40.22
Pennsylvania	111	12,454	1.47	1.18	10.71	161.5	40.22
Clarion	45	12,543	1.51	1.20	9.92	156.7	39.32
Greene	34	13,042	1.76	1.35	7.14	160.9	41.97
Jefferson	19	11,898	1.32	1.11	12.30	180.1	42.86
Lycoming	13	11,435	.77	.67	20.26	153.6	35.13
New York State Elec & Gas Corp Kintigh	1,635	13,124	2.36	1.80	7.76	128.4	33.69
Ohio	18	12,424	3.64	2.93	8.60	125.3	31.13
Belmont	18	12,424	3.64	2.93	8.60	125.3	31.13
West Virginia	1,617	13,132	2.34	1.78	7.75	128.4	33.72
Marion	826	13,186	2.17	1.64	7.54	128.9	33.99
Monongalia	791	13,075	2.53	1.93	7.97	127.9	33.44
New York State Elec & Gas Corp Milliken	776	12,928	2.60	2.01	8.40	131.1	33.90

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
New York State Elec & Gas Corp Milliken							
Pennsylvania	11	13,147	1.44	1.10	7.20	136.0	35.76
Washington	11	13,147	1.44	1.10	7.20	136.0	35.76
West Virginia.....	765	12,925	2.62	2.03	8.41	131.0	33.87
Monongalia.....	765	12,925	2.62	2.03	8.41	131.0	33.87
Niagara-Mohawk Power Corp Dunkirk							
Pennsylvania	700	13,143	2.00	1.52	7.54	126.0	33.12
Greene.....	700	13,143	2.00	1.52	7.54	126.0	33.12
West Virginia.....	586	13,268	2.18	1.64	7.56	124.7	33.09
Marion.....	385	13,276	2.09	1.57	7.52	124.2	32.98
Monongalia.....	201	13,251	2.36	1.78	7.64	125.7	33.31
Niagara-Mohawk Power Corp Huntley							
Pennsylvania	1,601	13,127	1.65	1.26	7.01	138.3	36.32
Greene.....	1,539	13,139	1.65	1.26	6.92	138.0	36.28
Indiana	41	12,643	1.76	1.39	10.15	145.7	36.84
Washington.....	21	13,168	1.30	.99	7.43	145.4	38.29
West Virginia.....	49	13,248	2.04	1.54	7.24	135.2	35.83
Marion.....	40	13,245	2.09	1.58	7.40	133.4	35.33
Monongalia.....	9	13,262	1.81	1.36	6.51	143.3	38.01
Northern Indiana Pub Serv Co Bailly							
Illinois	1,162	10,960	2.97	2.71	9.87	136.7	29.97
Perry.....	1,142	10,958	2.97	2.71	9.88	137.2	30.06
Randolph.....	21	11,095	2.99	2.69	9.10	113.6	25.21
Indiana	10	11,341	4.09	3.61	9.20	134.4	30.48
Pike	10	11,341	4.09	3.61	9.20	134.4	30.48
Wyoming	138	10,492	.58	.55	5.80	172.0	36.10
Campbell.....	22	8,780	.33	.38	5.20	109.5	19.23
Carbon.....	116	10,814	.62	.57	5.92	181.6	39.27
Northern Indiana Pub Serv Co Michigan City							
Illinois	41	10,961	2.94	2.69	9.89	139.0	30.48
Perry.....	41	10,961	2.94	2.69	9.89	139.0	30.48
Indiana	46	11,387	4.00	3.52	9.04	122.8	27.97
Pike	46	11,387	4.00	3.52	9.04	122.8	27.97
Wyoming	1,011	9,418	.43	.46	5.58	134.4	25.31
Campbell.....	683	8,747	.34	.39	5.37	108.3	18.94
Carbon.....	328	10,814	.63	.58	6.02	178.3	38.57
Northern Indiana Pub Serv Co Mitchell							
Wyoming	976	8,973	.36	.40	5.35	124.2	22.29
Campbell.....	878	8,765	.33	.37	5.29	115.0	20.16
Carbon.....	98	10,832	.62	.57	5.87	190.8	41.33
Northern Indiana Pub Serv Co Rollin Schahfer							
Illinois	1,413	10,963	2.97	2.71	9.87	122.7	26.91
Perry.....	1,366	10,958	2.97	2.71	9.89	123.4	27.05
Randolph.....	47	11,115	2.99	2.69	9.26	103.1	22.93
Indiana	9	10,951	3.04	2.78	10.90	131.2	28.74
Clay.....	9	10,951	3.04	2.78	10.90	131.2	28.74
Ohio	68	12,710	4.05	3.18	8.90	124.8	31.71
Belmont.....	68	12,710	4.05	3.18	8.90	124.8	31.71
Pennsylvania	22	13,151	2.16	1.64	7.70	135.2	35.56
Greene.....	22	13,151	2.16	1.64	7.70	135.2	35.56
West Virginia.....	104	12,739	2.38	1.87	10.60	131.1	33.41
Monongalia.....	104	12,739	2.38	1.87	10.60	131.1	33.41
Wyoming	2,869	9,051	.39	.44	5.44	130.3	23.59
Campbell.....	2,254	8,555	.33	.39	5.31	112.7	19.28
Carbon.....	616	10,869	.62	.57	5.92	181.1	39.36
Northern States Power Co Bay Front							
Kentucky.....	26	13,104	.81	.62	7.60	203.4	53.31
Letcher.....	26	13,104	.81	.62	7.60	203.4	53.31

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Northern States Power Co Bay Front							
Montana	9	9,726	.029	0.30	3.90	127.3	24.76
Big Horn	9	9,726	.29	.30	3.90	127.3	24.76
Wyoming	42	11,613	.63	.55	5.56	146.4	33.99
Carbon	42	11,613	.63	.55	5.56	146.4	33.99
Northern States Power Co Black Dog	837	8,771	.23	.26	4.76	108.2	18.98
Wyoming	837	8,771	.23	.26	4.76	108.2	18.98
Campbell	513	8,762	.20	.23	4.37	104.8	18.37
Converse	324	8,784	.28	.32	5.38	113.6	19.96
Northern States Power Co High Bridge	757	8,862	.23	.26	4.50	101.2	17.93
Wyoming	757	8,862	.23	.26	4.50	101.2	17.93
Campbell	751	8,863	.23	.26	4.49	101.0	17.91
Converse	6	8,745	.26	.30	5.80	116.4	20.36
Northern States Power Co King	1,732	8,798	.34	.39	5.97	108.0	19.00
Montana	502	8,702	.63	.73	9.04	112.0	19.49
Big Horn	502	8,702	.63	.73	9.04	112.0	19.49
Wyoming	1,230	8,837	.23	.26	4.72	106.4	18.81
Campbell	713	8,879	.23	.26	4.37	103.1	18.30
Converse	516	8,780	.23	.26	5.21	111.1	19.50
Northern States Power Co Riverside	1,261	8,864	.23	.26	4.48	96.4	17.09
Wyoming	1,261	8,864	.23	.26	4.48	96.4	17.09
Campbell	1,256	8,865	.23	.26	4.47	96.3	17.08
Converse	5	8,745	.26	.30	5.80	109.5	19.15
Northern States Power Co Sherburne County	8,425	8,764	.50	.57	7.12	110.4	19.35
Montana	4,630	8,753	.64	.73	8.75	107.4	18.81
Big Horn	3,581	8,734	.62	.71	8.86	107.3	18.74
Rosebud	1,049	8,819	.72	.81	8.37	108.0	19.05
Wyoming	3,795	8,778	.32	.36	5.14	113.9	20.00
Campbell	3,795	8,778	.32	.36	5.14	113.9	20.00
Ohio Edison Co Burger	851	11,409	2.32	2.03	15.94	90.4	20.63
Kentucky	30	11,362	.70	.61	12.77	108.4	24.63
Floyd	30	11,362	.70	.61	12.77	108.4	24.63
Ohio	201	11,728	3.06	2.61	12.49	92.6	21.73
Belmont	2	8,288	1.36	1.64	13.20	89.8	14.89
Harrison	130	12,069	2.97	2.46	12.08	97.2	23.46
Jefferson	70	11,184	3.27	2.93	13.23	83.5	18.69
Pennsylvania	199	10,651	2.14	2.00	20.27	89.6	19.09
Fayette	40	7,292	1.69	2.31	34.39	60.4	8.81
Greene	85	13,189	2.35	1.78	7.89	101.3	26.71
Washington	70	9,549	2.15	2.25	27.30	83.1	15.87
Westmoreland	5	9,987	1.86	1.86	18.42	86.4	17.25
West Virginia	420	11,619	2.16	1.86	15.77	88.4	20.55
Boone	29	10,796	1.24	1.15	24.51	87.5	18.90
Brooke	187	12,407	3.82	3.08	10.12	78.7	19.54
Kanawha	143	10,958	.74	.68	20.65	95.3	20.88
Logan	60	11,187	.84	.75	17.28	106.8	23.89
Monongalia	1	9,024	.75	.83	25.60	49.9	9.01
Ohio Edison Co Niles	502	12,057	2.93	2.43	12.53	102.6	24.74
Ohio	494	12,067	2.92	2.42	12.51	102.7	24.78
Columbiana	6	12,317	4.24	3.44	11.76	97.6	24.03
Harrison	440	12,219	2.75	2.25	11.69	105.3	25.74
Mahoning	33	10,226	4.71	4.60	23.18	68.5	14.00
Tuscarawas	14	11,471	3.66	3.19	13.57	88.1	20.21
Pennsylvania	8	11,505	3.29	2.86	13.58	96.7	22.25
Butler	2	10,580	2.35	2.22	13.50	108.1	22.87
Clarion	7	11,720	3.51	3.00	13.60	94.3	22.11
Ohio Edison Co Sammis	6,027	11,804	1.10	.93	14.60	115.8	27.34

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Ohio Edison Co Sammis							
Kentucky.....	1,229	10,923	0.96	0.88	18.67	109.6	23.93
Johnson.....	391	9,252	1.44	1.56	29.81	79.8	14.77
Martin.....	700	12,117	.76	.63	11.31	124.8	30.23
Pike.....	137	9,602	.56	.58	24.47	93.4	17.93
Ohio.....	72	11,927	2.44	2.05	12.42	100.0	23.86
Carroll.....	68	11,921	2.46	2.06	12.33	100.3	23.92
Harrison.....	4	12,043	2.14	1.78	14.10	93.9	22.62
Pennsylvania.....	1,221	13,197	1.93	1.46	7.40	104.0	27.44
Fayette.....	1	9,372	1.41	1.51	28.58	72.3	13.55
Greene.....	733	13,163	2.32	1.76	7.81	97.8	25.74
Washington.....	487	13,260	1.34	1.01	6.71	113.3	30.05
West Virginia.....	3,506	11,626	.84	.72	15.73	122.9	28.57
Boone.....	214	11,062	.76	.69	19.74	103.7	22.94
Clay.....	2	12,116	.74	.61	13.60	109.9	26.63
Kanawha.....	2,279	11,603	.79	.68	15.99	121.8	28.27
Lincoln.....	2	11,500	1.35	1.17	14.80	101.7	23.39
Logan.....	21	11,034	.50	.46	19.95	107.8	23.79
Mingo.....	677	11,729	.85	.73	14.88	128.7	30.20
Webster.....	310	11,991	1.22	1.01	12.61	131.3	31.50
Ohio Power Co Gavin.....	7,061	11,333	3.46	3.05	11.87	147.6	33.46
Ohio.....	7,061	11,333	3.46	3.05	11.87	147.6	33.46
Belmont.....	10	11,610	3.06	2.64	12.80	108.6	25.22
Gallia.....	222	11,147	2.92	2.62	12.19	114.9	25.62
Jackson.....	222	11,147	2.92	2.62	12.19	114.9	25.62
Meigs.....	6,240	11,349	3.52	3.10	11.85	151.8	34.46
Vinton.....	367	11,271	3.10	2.75	11.91	115.5	26.04
Ohio Power Co Kammer.....	1,891	12,266	3.34	2.73	10.77	86.4	21.20
West Virginia.....	1,891	12,266	3.34	2.73	10.77	86.4	21.20
Marshall.....	1,891	12,266	3.34	2.73	10.77	86.4	21.20
Ohio Power Co Mitchell.....	2,831	12,296	.77	.63	12.00	148.5	36.52
West Virginia.....	2,831	12,296	.77	.63	12.00	148.5	36.52
Boone.....	2,144	12,348	.77	.62	11.55	152.5	37.66
Clay.....	478	12,123	.77	.63	13.38	145.7	35.33
Fayette.....	60	12,011	.84	.70	13.95	114.0	27.39
Kanawha.....	58	11,998	.81	.68	13.96	114.5	27.47
Logan.....	52	12,302	.67	.55	12.80	113.9	28.03
Monongalia.....	13	12,286	1.51	1.23	13.63	104.4	25.66
Webster.....	27	12,496	.79	.63	12.20	113.7	28.41
Ohio Power Co Muskingum.....	2,678	11,901	2.34	1.96	12.17	184.5	43.90
Ohio.....	1,183	11,471	4.26	3.72	12.43	255.8	58.68
Jefferson.....	14	11,797	2.40	2.03	12.36	126.1	29.74
Muskingum.....	126	11,476	4.32	3.77	12.42	259.2	59.48
Noble.....	1,024	11,476	4.32	3.77	12.42	259.2	59.49
Perry.....	18	10,938	2.00	1.83	12.91	137.1	30.00
West Virginia.....	1,495	12,240	.81	.66	11.97	131.6	32.22
Boone.....	15	11,888	.89	.75	12.90	157.8	37.51
Harrison.....	55	12,966	3.11	2.40	7.17	111.8	28.99
Logan.....	971	12,212	.66	.54	11.85	139.4	34.05
Webster.....	455	12,225	.87	.71	12.76	116.6	28.50
Ohio Valley Electric Corp Kyger Creek.....	2,840	13,043	1.99	1.53	7.50	116.1	30.28
Kentucky.....	756	13,295	1.44	1.08	5.99	130.5	34.70
Floyd.....	225	13,128	1.36	1.04	6.65	129.2	33.91
Letcher.....	531	13,366	1.47	1.10	5.71	131.0	35.03
Ohio.....	633	12,276	3.69	3.00	9.85	88.9	21.84
Belmont.....	523	12,524	3.88	3.10	9.55	87.3	21.87
Jackson.....	110	11,100	2.78	2.51	11.27	97.7	21.69
Pennsylvania.....	733	13,148	1.95	1.48	7.55	115.3	30.33
Greene.....	544	13,133	2.13	1.62	7.72	114.7	30.13
Washington.....	189	13,189	1.42	1.08	7.07	117.2	30.91

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Ohio Valley Electric Corp Kyger Creek							
Virginia	451	13,607	0.81	0.60	6.27	123.4	33.59
Buchanan	433	13,646	.82	.60	6.04	124.2	33.89
Dickenson	18	12,666	.78	.62	11.90	104.8	26.55
West Virginia.....	267	12,908	1.68	1.30	8.13	124.1	32.04
Kanawha	21	13,426	1.02	.76	7.20	129.6	34.80
Marshall	33	12,128	4.48	3.70	10.43	75.7	18.36
Mingo.....	213	12,978	1.31	1.01	7.87	130.6	33.89
Oklahoma Gas & Electric Co Muskogee	5,328	8,636	.29	.34	4.94	84.3	14.56
Wyoming.....	5,328	8,636	.29	.34	4.94	84.3	14.56
Campbell.....	5,218	8,632	.29	.34	4.94	84.3	14.55
Converse.....	110	8,802	.23	.26	5.12	84.9	14.95
Oklahoma Gas & Electric Co Sooner	4,137	8,648	.31	.36	4.97	80.6	13.94
Wyoming.....	4,137	8,648	.31	.36	4.97	80.6	13.94
Campbell.....	4,137	8,648	.31	.36	4.97	80.6	13.94
Omaha Public Power District Nebraska City	1,736	8,463	.37	.43	5.07	69.7	11.79
Wyoming.....	1,736	8,463	.37	.43	5.07	69.7	11.79
Campbell.....	1,736	8,463	.37	.43	5.07	69.7	11.79
Omaha Public Power District North Omaha	2,035	8,545	.48	.57	5.43	69.9	11.95
Wyoming.....	2,035	8,545	.48	.57	5.43	69.9	11.95
Campbell.....	2,035	8,545	.48	.57	5.43	69.9	11.95
Orange and Rockland Utils Inc Lovett	793	12,887	.60	.46	8.62	187.0	48.20
Kentucky	717	12,874	.58	.45	8.64	187.9	48.38
Pike	717	12,874	.58	.45	8.64	187.9	48.38
West Virginia.....	76	13,016	.74	.57	8.44	178.7	46.53
Nicholas	71	13,010	.75	.58	8.48	178.1	46.33
Wyoming	5	13,107	.65	.50	7.80	188.4	49.39
Orlando Utilities Comm Stanton Energy	2,309	12,689	1.23	.97	9.60	180.0	45.67
Kentucky	2,309	12,689	1.23	.97	9.60	180.0	45.67
Bell.....	298	12,675	1.14	.90	8.49	176.4	44.73
Harlan	521	12,617	1.41	1.12	10.79	169.9	42.87
Letcher	927	12,611	.99	.79	8.92	194.4	49.04
Pike	562	12,890	1.52	1.18	10.20	167.6	43.20
Otter Tail Power Co Big Stone	1,934	8,687	.63	.72	8.88	92.0	15.99
Montana	1,934	8,687	.63	.72	8.88	92.0	15.99
Big Horn.....	1,934	8,687	.63	.72	8.88	92.0	15.99
Otter Tail Power Co Hoot Lake	296	9,293	.36	.39	4.26	124.0	23.05
Montana	296	9,293	.36	.39	4.26	124.0	23.05
Big Horn.....	296	9,293	.36	.39	4.26	124.0	23.05
Owensboro City of Smith	1,347	11,010	3.19	2.90	12.33	96.4	21.22
Indiana.....	507	11,107	3.07	2.76	10.00	99.0	21.98
Daviess.....	171	10,784	2.99	2.78	11.59	99.0	21.35
Gibson.....	39	11,305	3.03	2.68	9.04	96.5	21.82
Pike	40	10,618	3.50	3.29	13.69	99.0	21.02
Warrick	257	11,367	3.06	2.69	8.52	99.3	22.57
Kentucky	840	10,951	3.27	2.98	13.73	94.8	20.77
Butler	12	10,711	2.69	2.51	12.17	99.6	21.34
Daviess.....	58	10,488	2.73	2.60	12.54	97.6	20.48
Henderson	27	11,203	3.77	3.37	10.32	103.0	23.08
McLean	150	10,141	2.08	2.05	17.44	87.2	17.69
Ohio	327	11,034	3.43	3.10	11.59	97.0	21.40
Webster.....	266	11,393	3.84	3.37	14.95	94.5	21.53
PacifiCorp Carbon	669	11,909	.44	.37	9.83	60.0	14.28
Utah.....	669	11,909	.44	.37	9.83	60.0	14.28
Emery.....	669	11,909	.44	.37	9.83	60.0	14.28
PacifiCorp Centralia	4,781	8,038	.62	.78	13.71	162.5	26.13

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
PacifiCorp Centralia							
Montana	355	9,379	0.38	0.40	4.18	125.8	23.59
Big Horn	355	9,379	.38	.40	4.18	125.8	23.59
Washington	4,426	7,930	.64	.81	14.48	166.0	26.33
Lewis	3,210	7,917	.64	.81	14.47	164.6	26.07
Thurston	1,216	7,966	.64	.81	14.49	169.7	27.03
PacifiCorp Emery-Hunter	4,536	11,203	.45	.40	11.79	88.0	19.71
Utah	4,536	11,203	.45	.40	11.79	88.0	19.71
Emery	4,536	11,203	.45	.40	11.79	88.0	19.71
PacifiCorp Huntington	2,974	11,378	.43	.37	13.49	65.6	14.93
Utah	2,974	11,378	.43	.37	13.49	65.6	14.93
Emery	2,974	11,378	.43	.37	13.49	65.6	14.93
PacifiCorp Jim Bridger	7,674	9,505	.58	.61	10.05	104.8	19.93
Wyoming	7,674	9,505	.58	.61	10.05	104.8	19.93
Sweetwater	7,674	9,505	.58	.61	10.05	104.8	19.93
PacifiCorp Johnston	4,249	7,877	.48	.61	8.64	54.2	8.54
Wyoming	4,249	7,877	.48	.61	8.64	54.2	8.54
Campbell	107	8,601	.25	.29	4.60	72.5	12.46
Converse	4,142	7,859	.49	.62	8.75	53.7	8.44
PacifiCorp Naughton	2,632	9,855	.76	.77	5.08	113.2	22.31
Wyoming	2,632	9,855	.76	.77	5.08	113.2	22.31
Lincoln	2,632	9,855	.76	.77	5.08	113.2	22.31
PacifiCorp Wyodak	2,153	7,996	.58	.72	6.91	70.6	11.29
Wyoming	2,153	7,996	.58	.72	6.91	70.6	11.29
Campbell	2,153	7,996	.58	.72	6.91	70.6	11.29
Painesville City of Painesville	94	12,473	2.51	2.02	7.40	138.4	34.52
Ohio	94	12,473	2.51	2.02	7.40	138.4	34.52
Columbiana	94	12,473	2.51	2.02	7.40	138.4	34.52
Pennsylvania Electric Co Conemaugh	4,699	12,532	2.22	1.77	12.84	118.2	29.62
Pennsylvania	4,480	12,505	2.21	1.77	13.04	118.3	29.59
Armstrong	101	12,494	2.23	1.78	11.76	116.0	28.99
Butler	22	12,410	2.32	1.87	13.40	110.8	27.50
Cambria	122	12,179	2.32	1.90	13.02	113.1	27.55
Clearfield	234	12,289	2.14	1.74	13.87	116.3	28.59
Greene	311	13,102	1.74	1.32	7.08	124.8	32.70
Huntingdon	53	13,305	2.12	1.59	6.90	123.9	32.97
Indiana	740	12,381	2.24	1.81	13.76	113.9	28.19
Somerset	2,313	12,528	2.23	1.78	13.55	120.8	30.27
Westmoreland	584	12,339	2.36	1.91	13.72	112.2	27.68
West Virginia	219	13,086	2.35	1.80	8.68	115.3	30.17
Monongalia	219	13,086	2.35	1.80	8.68	115.3	30.17
Pennsylvania Electric Co Homer City	6,493	11,470	2.02	1.76	18.50	124.2	28.49
Pennsylvania	6,493	11,470	2.02	1.76	18.50	124.2	28.49
Armstrong	632	11,279	3.30	2.93	20.31	101.1	22.81
Blair	5	11,062	2.26	2.04	21.00	118.6	26.24
Cambria	105	10,975	2.83	2.58	21.90	99.2	21.79
Clearfield	91	11,601	2.49	2.15	17.17	118.7	27.54
Fayette	197	11,135	2.60	2.34	19.91	110.8	24.67
Greene	43	12,739	1.63	1.28	9.14	112.8	28.73
Indiana	3,760	11,518	1.46	1.27	18.05	134.2	30.91
Jefferson	184	12,179	.72	.60	10.87	149.7	36.45
Somerset	1,291	11,347	2.96	2.61	20.04	108.6	24.65
Washington	6	10,396	2.69	2.59	22.66	95.0	19.75
Westmoreland	169	11,601	2.54	2.19	17.97	110.5	25.65
Unknown ²	9	12,229	.68	.56	10.80	151.4	37.03
Pennsylvania Electric Co Keystone	5,150	12,385	1.81	1.46	13.05	132.2	32.74

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Pennsylvania Electric Co Keystone							
Pennsylvania	5,093	12,373	1.80	1.46	13.12	132.3	32.73
Armstrong	3,139	12,374	1.83	1.48	13.16	131.5	32.54
Clarion	45	12,278	2.12	1.72	10.88	108.0	26.53
Greene	83	13,058	1.69	1.30	7.35	123.0	32.11
Indiana	1,507	12,348	1.67	1.35	13.51	140.6	34.72
Jefferson	28	12,192	2.33	1.91	12.54	104.7	25.53
Somerset	7	12,263	2.09	1.70	13.37	108.6	26.64
Westmoreland	284	12,328	2.13	1.73	12.67	107.0	26.39
West Virginia	57	13,468	2.03	1.51	6.57	124.8	33.62
Marshall	16	13,469	2.05	1.52	6.50	124.8	33.62
Monongalia	41	13,467	2.02	1.50	6.60	124.8	33.61
Pennsylvania Electric Co Seward							
Pennsylvania	547	11,860	1.57	1.32	14.89	111.0	26.33
Cambria	*	7,610	1.42	1.87	29.40	97.9	14.90
Fayette	54	11,954	1.45	1.21	14.27	115.9	27.72
Indiana	293	11,660	1.56	1.34	15.80	110.7	25.82
Somerset	16	12,361	1.48	1.20	12.42	124.4	30.76
Westmoreland	183	12,118	1.62	1.34	13.80	108.8	26.37
Pennsylvania Electric Co Shawville							
Pennsylvania	1,633	12,236	1.84	1.50	13.67	114.3	27.98
Cambria	19	12,055	1.65	1.37	12.81	119.1	28.71
Clearfield	1,584	12,241	1.84	1.50	13.68	114.4	28.00
Elk	7	12,067	1.64	1.36	12.23	110.8	26.74
Indiana	19	12,076	1.98	1.64	14.39	109.5	26.45
Unknown ²	4	12,506	1.89	1.51	12.00	112.5	28.14
Pennsylvania Electric Co Warren							
Pennsylvania	165	12,159	1.86	1.53	13.01	123.5	30.04
Armstrong	3	12,054	1.87	1.55	12.30	125.9	30.35
Clarion	4	12,131	1.84	1.52	10.10	133.1	32.29
Jefferson	158	12,162	1.86	1.53	13.10	123.2	29.97
Pennsylvania Power & Light Co Brunner Island							
Pennsylvania	2,752	13,064	1.59	1.22	8.16	154.2	40.29
Cambria	32	12,798	1.92	1.50	12.37	142.1	36.38
Clarion	9	12,433	1.43	1.15	10.90	143.5	35.68
Clearfield	18	12,455	1.65	1.32	14.07	148.9	37.08
Greene	2,361	13,129	1.53	1.16	7.52	154.7	40.62
Indiana	302	12,683	2.15	1.70	11.95	151.8	38.51
West Virginia	30	12,604	.81	.64	11.33	158.3	39.90
Clay	10	12,631	.70	.55	11.90	138.4	34.96
Kanawha	10	12,561	.67	.53	12.50	157.7	39.62
Mingo	10	12,621	1.06	.84	9.60	178.7	45.11
Pennsylvania Power & Light Co Holtwood							
Maryland	225	8,020	.58	.72	33.64	120.6	19.35
Allegany	14	10,944	.98	.89	22.63	132.5	28.99
Pennsylvania	14	10,944	.98	.89	22.63	132.5	28.99
Northumberland	211	7,826	.55	.71	34.38	119.5	18.71
Schuylkill	22	11,217	.67	.60	14.43	161.1	36.15
Unknown ²	179	7,405	.54	.72	36.94	115.0	17.03
Unknown ²	10	7,905	.57	.72	32.40	65.3	10.32
Pennsylvania Power & Light Co Martins Creek							
Pennsylvania	648	13,182	1.71	1.30	7.79	131.0	34.53
Greene	639	13,181	1.70	1.29	7.79	131.0	34.52
West Virginia	639	13,181	1.70	1.29	7.79	131.0	34.52
Monongalia	9	13,241	2.32	1.75	7.10	133.3	35.30
Monongalia	9	13,241	2.32	1.75	7.10	133.3	35.30
Pennsylvania Power & Light Co Montour							
Pennsylvania	3,481	12,591	1.98	1.57	12.86	145.8	36.71
Cambria	3,443	12,584	1.97	1.57	12.91	145.9	36.72
Clearfield	756	12,614	2.00	1.59	12.88	145.6	36.74
Greene	1,155	12,469	2.01	1.61	14.04	141.7	35.33
Indiana	357	13,197	1.58	1.20	7.22	155.0	40.90
Jefferson	631	12,485	2.06	1.65	13.38	147.7	36.89
Somerset	244	12,537	1.99	1.59	13.23	146.4	36.71
Somerset	300	12,466	2.01	1.61	14.11	147.0	36.66

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Pennsylvania Power & Light Co Montour							
West Virginia.....	38	13,201	2.38	1.81	8.33	135.1	35.67
Marion.....	20	13,213	2.50	1.90	8.00	140.0	37.01
Monongalia.....	18	13,187	2.25	1.71	8.70	129.6	34.18
Pennsylvania Power & Light Co Sunbury.....	1,236	10,049	1.10	1.09	25.03	128.1	25.74
Pennsylvania.....	1,236	10,049	1.10	1.09	25.03	128.1	25.74
Centre.....	36	12,939	1.25	.96	10.80	136.4	35.29
Clarion.....	24	12,490	1.42	1.13	9.96	136.7	34.15
Clearfield.....	496	12,167	1.73	1.42	14.62	149.0	36.27
Elk.....	12	12,407	1.64	1.32	11.64	132.6	32.90
Lycoming.....	131	11,495	.87	.76	20.84	125.5	28.85
Northumberland.....	2	9,537	.60	.63	27.45	69.1	13.18
Schuylkill.....	503	7,290	.52	.71	38.07	96.3	14.04
Sullivan.....	19	7,870	.50	.64	36.07	74.7	11.76
Unknown ²	13	9,982	1.14	1.14	23.32	97.0	19.36
Pennsylvania Power Co New Castle.....	789	11,490	1.61	1.41	14.83	111.8	25.69
Pennsylvania.....	789	11,490	1.61	1.41	14.83	111.8	25.69
Beaver.....	789	11,490	1.61	1.41	14.83	111.8	25.69
Pennsylvania Power Co Bruce Mansfield.....	5,961	11,978	3.64	3.04	13.10	167.7	40.17
Ohio.....	310	12,031	3.65	3.03	12.89	168.7	40.60
Belmont.....	22	12,153	3.62	2.98	12.34	184.8	44.91
Harrison.....	101	12,081	3.65	3.03	12.50	167.5	40.47
Monroe.....	187	11,990	3.65	3.04	13.16	167.5	40.17
Pennsylvania.....	724	12,030	3.57	2.97	12.86	172.4	41.47
Fayette.....	36	11,971	3.62	3.03	13.10	162.7	38.96
Greene.....	420	12,115	3.50	2.89	12.43	178.1	43.16
Washington.....	268	11,904	3.68	3.09	13.49	164.6	39.18
West Virginia.....	4,928	11,967	3.65	3.05	13.15	166.9	39.95
Kanawha.....	132	11,972	3.64	3.04	13.18	168.1	40.24
Marshall.....	4,796	11,967	3.65	3.05	13.15	166.9	39.95
Philadelphia Electric Co Cromby.....	392	13,187	1.59	1.20	7.65	141.6	37.34
Pennsylvania.....	392	13,187	1.59	1.20	7.65	141.6	37.34
Greene.....	127	13,159	1.57	1.19	7.62	143.4	37.73
Washington.....	265	13,200	1.59	1.21	7.67	140.7	37.16
Philadelphia Electric Co Eddystone.....	1,081	13,223	1.55	1.18	7.73	142.3	37.63
Pennsylvania.....	1,074	13,223	1.55	1.18	7.74	142.2	37.61
Armstrong.....	13	13,149	1.57	1.19	6.98	137.8	36.24
Greene.....	317	13,235	1.51	1.14	7.76	144.4	38.23
Washington.....	744	13,219	1.57	1.19	7.74	141.4	37.38
West Virginia.....	7	13,295	1.64	1.23	7.34	150.8	40.10
Barbour.....	7	13,295	1.64	1.23	7.34	150.8	40.10
Plains Elec Gen&Trans Coop Inc Escalante.....	1,071	9,177	.71	.77	17.91	123.7	22.69
New Mexico.....	1,071	9,177	.71	.77	17.91	123.7	22.69
Mckinley.....	1,071	9,177	.71	.77	17.91	123.7	22.69
Platte River Power Authority Rawhide.....	1,091	8,764	.22	.25	5.31	74.2	13.01
Wyoming.....	1,091	8,764	.22	.25	5.31	74.2	13.01
Campbell.....	100	8,760	.23	.26	5.60	74.1	12.98
Converse.....	991	8,764	.22	.25	5.28	74.2	13.01
Portland General Electric Co Boardman.....	875	8,757	.33	.38	5.41	113.9	19.95
Wyoming.....	875	8,757	.33	.38	5.41	113.9	19.95
Campbell.....	812	8,749	.34	.39	5.44	114.1	19.97
Converse.....	63	8,870	.25	.29	5.08	110.9	19.67
Potomac Edison Co Smith.....	108	12,348	.97	.78	12.49	130.5	32.22
Maryland.....	71	12,364	.99	.80	12.12	129.8	32.09
Allegany.....	39	12,285	.96	.78	11.39	126.5	31.08
Garrett.....	32	12,459	1.01	.81	12.98	133.6	33.30

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Potomac Edison Co Smith							
Pennsylvania	37	12,317	0.93	0.75	13.22	131.8	32.47
Somerset	37	12,317	.93	.75	13.22	131.8	32.47
Potomac Electric Power Co Chalk							
Kentucky	1,309	13,198	1.33	1.01	8.86	164.2	43.34
Letcher	14	13,093	1.05	.80	7.00	190.3	49.84
Maryland	14	13,093	1.05	.80	7.00	190.3	49.84
Garrett	190	13,136	1.48	1.13	9.19	178.2	46.80
Pennsylvania	190	13,136	1.48	1.13	9.19	178.2	46.80
Cambria	650	13,061	1.42	1.09	9.41	155.8	40.70
Clearfield	29	13,146	1.38	1.05	8.50	145.7	38.30
Greene	153	12,934	1.64	1.27	10.05	162.6	42.05
Somerset	85	13,051	1.62	1.24	6.93	147.8	38.59
Washington	375	13,107	1.29	.98	9.81	155.8	40.85
West Virginia	8	13,152	1.38	1.05	7.90	147.4	38.77
Barbour	455	13,423	1.15	.86	8.00	169.3	45.46
Grant	227	13,766	.95	.69	6.87	171.5	47.23
Logan	39	13,003	1.42	1.09	9.38	166.2	43.21
Marion	29	12,727	.76	.60	10.35	208.7	53.13
Preston	17	13,347	1.98	1.48	7.20	151.7	40.49
Upshur	61	13,119	1.61	1.22	8.17	177.8	46.64
Potomac Electric Power Co Dickerson	82	13,159	1.20	.92	9.65	148.5	39.08
Potomac Electric Power Co Dickerson							
Kentucky	1,099	13,005	1.44	1.11	9.06	142.4	37.03
Letcher	7	12,867	1.32	1.03	6.90	160.6	41.33
Pennsylvania	7	12,867	1.32	1.03	6.90	160.6	41.33
Greene	7	13,070	1.57	1.20	6.90	159.7	41.75
West Virginia	7	13,070	1.57	1.20	6.90	159.7	41.75
Barbour	1,085	13,005	1.44	1.11	9.09	142.1	36.97
Logan	391	13,138	1.42	1.08	8.46	139.1	36.55
Preston	14	12,887	.82	.64	10.90	177.5	45.75
Upshur	673	12,933	1.47	1.13	9.41	143.2	37.04
Potomac Electric Power Co Morgantown	7	12,779	1.94	1.52	10.50	144.1	36.83
Potomac Electric Power Co Morgantown							
Kentucky	2,438	13,054	1.46	1.12	8.64	164.9	43.06
Letcher	59	13,025	1.24	.95	7.92	188.9	49.21
Maryland	59	13,025	1.24	.95	7.92	188.9	49.21
Garrett	507	13,093	1.50	1.14	9.05	179.6	47.02
Pennsylvania	507	13,093	1.50	1.14	9.05	179.6	47.02
Cambria	1,107	13,063	1.51	1.16	8.13	150.8	39.41
Clearfield	50	12,726	1.52	1.19	9.53	148.4	37.78
Greene	74	12,895	1.71	1.32	10.34	162.9	42.02
Somerset	653	13,065	1.60	1.22	7.14	146.0	38.16
Washington	291	13,160	1.27	.96	9.62	159.4	41.97
West Virginia	39	13,078	1.39	1.06	7.60	147.0	38.45
Barbour	765	13,016	1.37	1.05	9.17	173.8	45.25
Grant	134	13,070	1.24	.95	8.85	177.3	46.35
Logan	388	12,981	1.40	1.07	9.35	166.6	43.25
Preston	50	12,935	.75	.58	10.30	205.3	53.12
Potomac Electric Power Co Potomac River	193	13,072	1.57	1.20	8.75	177.8	46.49
Potomac Electric Power Co Potomac River							
Kentucky	773	12,944	.74	.57	8.72	153.6	39.77
Pike	156	12,955	.74	.57	9.12	156.6	40.58
West Virginia	156	12,955	.74	.57	9.12	156.6	40.58
Fayette	617	12,941	.74	.57	8.62	152.8	39.56
Mingo	114	13,204	.76	.57	8.79	156.4	41.29
Wyoming	349	12,853	.78	.60	8.81	155.0	39.84
PSI Energy Inc Cayuga	154	12,946	.65	.50	8.06	145.4	37.64
PSI Energy Inc Cayuga							
Illinois	2,973	10,961	1.70	1.55	9.62	121.5	26.64
Vermilion	241	10,857	1.73	1.59	8.67	109.4	23.76
Indiana	241	10,857	1.73	1.59	8.67	109.4	23.76
Clay	2,733	10,970	1.69	1.54	9.71	122.6	26.90
Daviess	18	11,251	1.66	1.47	7.34	106.5	23.96
Greene	144	11,238	1.32	1.18	7.53	117.9	26.51
Sullivan	2,252	10,964	1.75	1.59	9.87	122.1	26.78
Vigo	217	10,909	1.68	1.54	10.20	121.9	26.60
	102	10,826	1.12	1.04	8.55	144.2	31.23

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
PSI Energy Inc Edwardsport	251	11,150	1.91	1.71	8.57	95.9	21.39
Indiana.....	251	11,150	1.91	1.71	8.57	95.9	21.39
Daviess.....	119	11,374	2.59	2.28	8.34	89.6	20.39
Greene.....	24	11,082	2.42	2.18	9.30	88.4	19.59
Knox.....	70	11,129	1.01	.90	7.78	108.6	24.18
Owen.....	20	11,220	1.09	.97	6.60	106.0	23.79
Sullivan.....	10	10,921	1.39	1.28	10.77	89.4	19.53
Vigo.....	7	8,119	.85	1.04	19.71	79.2	12.87
PSI Energy Inc Gallagher	985	12,924	2.13	1.65	7.73	106.8	27.61
Illinois.....	108	11,889	1.09	.92	6.71	124.0	29.49
Jefferson.....	55	11,919	.98	.82	6.54	132.1	31.48
Saline.....	53	11,858	1.21	1.02	6.89	115.7	27.43
Indiana.....	5	10,949	2.25	2.06	8.76	107.6	23.56
Daviess.....	2	11,035	2.79	2.53	9.90	101.3	22.36
Pike.....	2	10,464	2.44	2.33	9.80	115.5	24.17
Sullivan.....	2	11,399	1.44	1.26	6.30	106.2	24.21
Kentucky.....	17	11,889	2.27	1.91	10.52	116.2	27.64
Hopkins.....	7	11,502	2.25	1.96	11.00	117.1	26.94
Union.....	7	12,093	2.24	1.85	10.17	113.4	27.44
Webster.....	3	12,311	2.35	1.91	10.20	119.8	29.50
Pennsylvania.....	647	13,052	2.30	1.76	8.01	104.1	27.18
Greene.....	647	13,052	2.30	1.76	8.01	104.1	27.18
West Virginia.....	208	13,202	2.13	1.61	7.14	106.3	28.06
Monongalia.....	208	13,202	2.13	1.61	7.14	106.3	28.06
PSI Energy Inc Gibson Station	7,834	11,082	1.88	1.70	9.08	115.5	25.59
Illinois.....	1,701	11,050	1.37	1.24	10.41	137.8	30.45
Jefferson.....	193	11,698	1.02	.87	7.38	125.1	29.26
Wabash.....	1,508	10,967	1.41	1.29	10.79	139.5	30.60
Indiana.....	6,133	11,090	2.03	1.83	8.71	109.3	24.24
Daviess.....	905	11,269	1.73	1.54	7.79	122.2	27.53
Dubois.....	58	11,287	1.14	1.01	9.32	108.7	24.54
Gibson.....	2,798	11,122	2.55	2.29	9.03	95.3	21.21
Greene.....	59	10,913	2.15	1.97	10.43	99.8	21.78
Knox.....	786	11,037	1.19	1.08	8.47	115.9	25.59
Owen.....	10	10,927	2.82	2.58	9.57	105.9	23.15
Pike.....	502	11,332	2.73	2.41	8.82	89.3	20.24
Sullivan.....	177	10,797	1.30	1.20	8.97	130.2	28.11
Vigo.....	837	10,760	1.17	1.09	8.57	145.4	31.30
PSI Energy Inc Noblesville	161	11,252	2.25	2.00	8.30	118.0	26.56
Indiana.....	161	11,252	2.25	2.00	8.30	118.0	26.56
Clay.....	78	11,440	2.15	1.88	7.03	115.1	26.34
Greene.....	46	11,225	2.39	2.13	9.29	128.0	28.74
Knox.....	7	11,178	2.62	2.34	9.13	122.7	27.43
Owen.....	25	11,031	2.44	2.21	9.27	107.6	23.75
Sullivan.....	3	10,927	1.41	1.29	8.60	115.8	25.31
Vigo.....	2	8,578	.94	1.09	17.94	119.3	20.46
PSI Energy Inc Wabash River	1,809	10,897	1.57	1.44	8.98	111.0	24.19
Indiana.....	1,809	10,897	1.57	1.44	8.98	111.0	24.19
Clay.....	217	11,031	1.36	1.23	7.47	115.5	25.47
Greene.....	722	10,952	1.84	1.68	9.42	108.8	23.84
Knox.....	32	10,950	1.91	1.74	9.62	114.7	25.13
Owen.....	255	11,066	1.33	1.20	7.48	115.3	25.51
Sullivan.....	354	10,770	1.62	1.51	10.03	100.9	21.73
Vigo.....	229	10,596	1.09	1.03	9.01	124.1	26.30
Public Service Co of Colorado Araphoe	777	9,094	.31	.35	5.60	85.6	15.56
Colorado.....	110	11,157	.45	.41	9.84	135.8	30.31
Moffat.....	11	10,233	.35	.34	7.14	100.4	20.55
Routt.....	100	11,254	.46	.41	10.12	139.2	31.34
Wyoming.....	667	8,753	.29	.33	4.90	75.0	13.13
Campbell.....	667	8,753	.29	.33	4.90	75.0	13.13
Public Service Co of Colorado Cameo	266	10,778	.57	.53	15.87	86.3	18.61

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Public Service Co of Colorado Cameo							
Colorado.....	266	10,778	0.57	0.53	15.87	86.3	18.61
Mesa.....	266	10,778	.57	.53	15.87	86.3	18.61
Public Service Co of Colorado Cherokee	2,100	11,249	.47	.42	9.91	110.1	24.78
Colorado.....	2,100	11,249	.47	.42	9.91	110.1	24.78
Gunnison.....	665	11,230	.51	.46	11.53	99.3	22.30
Mesa.....	20	11,391	.53	.47	11.76	96.7	22.03
Moffat.....	54	10,253	.35	.35	7.06	90.4	18.55
Routt.....	1,361	11,297	.46	.40	9.21	116.3	26.27
Public Service Co of Colorado Comanche	2,517	8,601	.25	.29	4.32	95.6	16.45
Wyoming.....	2,517	8,601	.25	.29	4.32	95.6	16.45
Campbell.....	2,517	8,601	.25	.29	4.32	95.6	16.45
Public Service Co of Colorado Hayden	1,632	10,657	.41	.38	7.92	80.7	17.21
Colorado.....	1,632	10,657	.41	.38	7.92	80.7	17.21
Routt.....	1,632	10,657	.41	.38	7.92	80.7	17.21
Public Service Co of Colorado Pawnee	1,794	8,346	.38	.46	4.68	89.2	14.88
Wyoming.....	1,794	8,346	.38	.46	4.68	89.2	14.88
Campbell.....	1,794	8,346	.38	.46	4.68	89.2	14.88
Public Service Co of Colorado Valmont	469	11,008	.43	.39	8.52	118.9	26.18
Colorado.....	469	11,008	.43	.39	8.52	118.9	26.18
Gunnison.....	7	11,588	.52	.45	9.37	112.1	25.98
Moffat.....	143	10,350	.34	.33	6.15	105.4	21.81
Routt.....	320	11,289	.47	.41	9.56	124.6	28.14
Public Service Co of NH Merrimack	1,194	13,221	1.58	1.20	6.84	164.2	43.43
Pennsylvania.....	830	13,221	1.46	1.11	6.97	166.2	43.95
Greene.....	682	13,212	1.48	1.12	6.91	166.4	43.97
Washington.....	82	13,239	1.39	1.05	7.31	162.9	43.13
Westmoreland.....	66	13,285	1.34	1.01	7.10	168.5	44.77
Virginia.....	10	13,759	1.46	1.06	5.37	212.5	58.47
Buchanan.....	10	13,759	1.46	1.06	5.37	212.5	58.47
West Virginia.....	313	13,325	2.06	1.54	6.86	154.2	41.10
Barbour.....	112	13,183	1.79	1.36	7.01	160.4	42.29
Monongalia.....	201	13,404	2.20	1.64	6.78	150.8	40.43
Imported.....	41	12,300	.49	.40	4.50	190.7	46.92
Imported Coal.....	41	12,300	.49	.40	4.50	190.7	46.92
Public Service Co of NH Schiller	434	12,596	.98	.78	6.97	160.3	40.39
Pennsylvania.....	30	13,002	1.75	1.34	8.00	159.2	41.40
Greene.....	30	13,002	1.75	1.34	8.00	159.2	41.40
West Virginia.....	140	12,969	1.41	1.09	8.20	160.0	41.51
Grant.....	140	12,969	1.41	1.09	8.20	160.0	41.51
Imported.....	264	12,352	.67	.54	6.20	160.7	39.69
Imported Coal.....	264	12,352	.67	.54	6.20	160.7	39.69
Public Service Co of NM San Juan	6,856	9,319	.87	.94	24.46	158.9	29.62
New Mexico.....	6,856	9,319	.87	.94	24.46	158.9	29.62
San Juan.....	6,856	9,319	.87	.94	24.46	158.9	29.62
Public Service Co of Oklahoma Northeastern	4,062	8,816	.26	.30	4.53	112.4	19.82
Wyoming.....	4,062	8,816	.26	.30	4.53	112.4	19.82
Campbell.....	4,062	8,816	.26	.30	4.53	112.4	19.82
Public Service Electric&Gas Co Hudson	420	12,657	.85	.67	10.43	169.3	42.87
Kentucky.....	106	13,059	.65	.50	7.47	174.3	45.53
Pike.....	106	13,059	.65	.50	7.47	174.3	45.53
West Virginia.....	314	12,522	.92	.73	11.43	167.6	41.97
Boone.....	93	12,751	.86	.67	9.82	178.6	45.54
Wayne.....	8	12,514	.92	.74	8.60	171.4	42.90
Webster.....	213	12,422	.95	.76	12.25	162.5	40.38
Public Service Electric&Gas Co Mercer	881	13,633	.78	.57	5.85	174.7	47.64

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Public Service Electric&Gas Co Mercer							
Virginia.....	880	13,634	0.78	0.57	5.85	174.7	47.64
Buchanan.....	879	13,636	.78	.57	5.84	174.7	47.65
Lee.....	1	11,487	.81	.71	14.90	167.3	38.44
West Virginia.....	1	12,514	.92	.74	8.60	164.6	41.20
Wayne.....	1	12,514	.92	.74	8.60	164.6	41.20
Richmond City of Whitewater.....	245	11,121	2.20	1.98	9.40	155.7	34.62
Indiana.....	216	11,084	2.23	2.01	9.04	158.8	35.19
Clay.....	60	11,082	2.19	1.98	7.71	159.9	35.44
Daviess.....	33	11,083	2.47	2.23	9.06	158.5	35.13
Greene.....	113	11,010	2.26	2.05	9.78	160.9	35.44
Unknown ²	10	11,941	1.20	1.01	8.72	129.8	31.00
Kentucky.....	10	11,488	1.61	1.41	11.92	132.9	30.55
Breathitt.....	1	10,997	2.50	2.27	14.96	143.2	31.50
Wolfe.....	5	11,160	2.00	1.79	13.70	134.4	30.00
Unknown ²	4	12,071	.84	.70	8.65	128.4	31.00
Ohio.....	18	11,271	2.18	1.93	11.99	134.1	30.22
Guernsey.....	7	10,712	2.70	2.52	15.29	135.4	29.00
Unknown ²	11	11,633	1.84	1.58	9.85	133.3	31.01
West Virginia.....	1	12,287	2.45	1.99	12.66	128.7	31.63
Fayette.....	1	12,287	2.45	1.99	12.66	128.7	31.63
Rochester Gas & Electric Corp Russell 7.....	618	13,325	2.22	1.66	7.06	139.8	37.26
Pennsylvania.....	10	13,094	1.80	1.37	7.02	145.0	37.97
Greene.....	10	13,094	1.80	1.37	7.02	145.0	37.97
West Virginia.....	608	13,329	2.22	1.67	7.06	139.7	37.25
Marion.....	154	13,262	2.12	1.60	7.56	140.3	37.21
Monongalia.....	454	13,352	2.26	1.69	6.89	139.5	37.26
Rochester Public Utilities Silver Lake.....	119	11,860	1.35	1.14	7.53	162.5	38.54
Illinois.....	114	11,878	1.34	1.13	7.50	163.1	38.74
Jefferson.....	13	11,564	1.63	1.41	7.10	173.1	40.03
Saline.....	101	11,919	1.31	1.10	7.55	161.8	38.57
Indiana.....	5	11,437	1.43	1.25	8.20	148.9	34.05
Sullivan.....	5	11,437	1.43	1.25	8.20	148.9	34.05
Salt River Proj Ag I & P Dist Coronado.....	2,095	9,872	.44	.45	13.95	229.0	45.22
New Mexico.....	2,095	9,872	.44	.45	13.95	229.0	45.22
Mckinley.....	2,095	9,872	.44	.45	13.95	229.0	45.22
Salt River Proj Ag I & P Dist Navajo.....	6,646	10,945	.55	.50	9.28	118.6	25.97
Arizona.....	6,646	10,945	.55	.50	9.28	118.6	25.97
Navajo.....	6,646	10,945	.55	.50	9.28	118.6	25.97
San Antonio City of JT Deely/Spruce.....	4,854	8,399	.36	.42	5.96	98.9	16.61
Wyoming.....	4,781	8,350	.36	.43	6.00	97.2	16.23
Campbell.....	4,781	8,350	.36	.43	6.00	97.2	16.23
Imported.....	73	11,603	.34	.29	3.89	176.9	41.06
Imported Coal.....	73	11,603	.34	.29	3.89	176.9	41.06
San Miguel Electric Coop Inc San Miguel.....	3,427	5,275	1.80	3.41	26.91	82.7	8.72
Texas.....	3,427	5,275	1.80	3.41	26.91	82.7	8.72
Atascosa.....	2,904	5,280	1.80	3.41	26.83	84.5	8.93
McMullen.....	523	5,250	1.80	3.43	27.35	72.4	7.60
Savannah Electric & Power Inc Kraft.....	279	11,949	1.28	1.07	7.72	135.1	32.29
Imported.....	279	11,949	1.28	1.07	7.72	135.1	32.29
Imported Coal.....	279	11,949	1.28	1.07	7.72	135.1	32.29
Savannah Electric & Power Inc McIntosh.....	379	10,813	.89	.82	18.24	140.8	30.44
Kentucky.....	349	10,849	.90	.83	18.05	141.1	30.62
Harlan.....	30	12,765	1.03	.81	10.03	153.0	39.05
Perry.....	315	10,679	.89	.84	18.71	139.7	29.85
Pike.....	3	9,606	.67	.70	28.43	141.9	27.26

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Savannah Electric & Power Inc McIntosh							
West Virginia.....	31	10,397	0.71	0.68	20.41	136.7	28.42
Kanawha	31	10,397	.71	.68	20.41	136.7	28.42
Seminole Electric Coop Inc Seminole							
Illinois.....	3,920	12,108	2.85	2.35	7.78	175.4	42.47
White.....	1,537	11,711	2.97	2.54	7.85	191.8	44.92
Kentucky.....	1,762	12,155	2.61	2.15	7.47	170.2	41.39
Hopkins.....	318	11,757	3.14	2.67	10.65	161.0	37.87
Pike.....	205	12,740	.56	.44	6.73	165.0	42.05
Union.....	744	11,953	2.77	2.31	5.94	166.4	39.77
Webster.....	495	12,471	2.90	2.32	8.03	183.6	45.80
Virginia.....	84	12,349	3.05	2.47	14.40	141.5	34.96
Wise.....	84	12,349	3.05	2.47	14.40	141.5	34.96
West Virginia.....	537	13,055	3.21	2.46	7.55	154.1	40.22
Harrison.....	537	13,055	3.21	2.46	7.55	154.1	40.22
Sierra Pacific Power Co North Valmy							
Utah.....	1,183	11,534	.42	.37	8.83	170.8	39.39
Carbon.....	1,166	11,559	.42	.37	8.85	171.7	39.69
Sevier.....	374	12,076	.59	.49	8.85	109.6	26.47
Wyoming.....	792	11,314	.35	.31	8.61	203.0	45.94
Sweetwater.....	17	9,858	.47	.48	7.51	95.3	18.79
Sikeston City of Sikeston.....	17	9,858	.47	.48	7.51	95.3	18.79
Sikeston City of Sikeston							
Illinois.....	943	10,200	1.79	1.76	8.03	99.3	20.26
Perry.....	552	11,218	2.81	2.51	9.98	99.8	22.39
Saline.....	384	10,976	2.95	2.69	9.79	90.5	19.86
Wyoming.....	168	11,773	2.50	2.12	10.41	119.6	28.15
Campbell.....	391	8,763	.36	.41	5.28	98.5	17.26
Campbell.....	391	8,763	.36	.41	5.28	98.5	17.26
South Carolina Electric&Gas Co Canadys							
Kentucky.....	412	12,772	1.44	1.13	9.39	153.8	39.28
Pike.....	323	12,787	1.48	1.16	9.19	151.9	38.84
Tennessee.....	323	12,787	1.48	1.16	9.19	151.9	38.84
Claiborne.....	41	12,445	1.46	1.17	9.54	161.4	40.17
Virginia.....	41	12,445	1.46	1.17	9.54	161.4	40.17
Dickenson.....	47	12,953	1.17	.90	10.61	160.2	41.50
Wise.....	29	13,058	.96	.73	10.07	165.1	43.11
Wise.....	18	12,782	1.51	1.19	11.50	152.0	38.86
South Carolina Electric&Gas Co Cope							
Kentucky.....	828	12,710	1.33	1.04	10.38	150.8	38.33
Knott.....	768	12,681	1.32	1.04	10.45	150.8	38.25
Letcher.....	64	11,705	1.39	1.19	14.64	150.2	35.17
Martin.....	9	12,256	.99	.81	11.00	157.4	38.58
Perry.....	98	12,531	1.00	.80	9.36	150.0	37.60
Pike.....	9	12,499	.90	.72	8.00	148.2	37.05
Tennessee.....	588	12,821	1.38	1.08	10.21	151.0	38.71
Claiborne.....	15	12,938	1.52	1.17	7.86	150.2	38.87
Virginia.....	15	12,938	1.52	1.17	7.86	150.2	38.87
Dickenson.....	44	13,131	1.37	1.05	9.96	150.4	39.49
Wise.....	35	13,261	1.35	1.02	9.56	149.9	39.76
Wise.....	10	12,667	1.46	1.15	11.40	152.0	38.51
South Carolina Electric&Gas Co Mcmeekin							
Kentucky.....	503	13,085	1.42	1.09	9.42	151.8	39.71
Letcher.....	107	12,737	1.32	1.04	9.72	149.8	38.15
Martin.....	7	12,363	1.05	.85	9.70	157.4	38.92
Pike.....	9	12,549	.75	.60	7.20	154.8	38.85
Virginia.....	91	12,784	1.40	1.09	9.97	148.7	38.03
Dickenson.....	396	13,179	1.45	1.10	9.34	152.3	40.13
Dickenson.....	396	13,179	1.45	1.10	9.34	152.3	40.13
South Carolina Electric&Gas Co Urguhart							
Kentucky.....	402	12,940	1.36	1.05	9.28	151.5	39.20
Knott.....	171	12,895	1.26	.98	9.94	152.0	39.21
Pike.....	9	12,196	1.29	1.06	12.40	150.6	36.73
Pike.....	162	12,934	1.26	.97	9.80	152.1	39.35

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
South Carolina Electric&Gas Co Urguhart							
Tennessee	150	12,898	1.44	1.12	8.51	149.8	38.65
Claiborne.....	150	12,898	1.44	1.12	8.51	149.8	38.65
Virginia	74	13,116	1.37	1.04	9.53	153.6	40.31
Dickenson	37	13,346	1.33	1.00	8.11	157.2	41.97
Wise	37	12,885	1.40	1.09	10.95	149.9	38.63
West Virginia.....	7	13,067	1.89	1.45	7.10	149.2	38.99
Mingo.....	7	13,067	1.89	1.45	7.10	149.2	38.99
South Carolina Electric&Gas Co Wateree.....							
Kentucky	1,409	12,595	1.35	1.08	10.60	148.9	37.52
Breathitt	589	12,497	1.24	.99	10.49	147.8	36.95
Knott	25	11,790	1.81	1.54	11.11	150.0	35.37
Letcher	9	11,801	1.27	1.08	14.10	151.7	35.80
Martin	9	12,412	1.07	.86	8.80	158.4	39.32
Pike	152	12,412	.97	.78	9.77	149.1	37.00
Tennessee	394	12,593	1.31	1.04	10.68	146.9	37.00
Claiborne.....	185	12,634	1.53	1.21	8.66	149.4	37.74
Virginia	185	12,634	1.53	1.21	8.66	149.4	37.74
Dickenson	547	12,630	1.35	1.07	11.85	150.0	37.90
Wise	18	12,461	1.41	1.13	14.47	152.7	38.06
West Virginia.....	528	12,636	1.35	1.06	11.76	149.9	37.89
Mingo.....	88	12,960	1.79	1.38	7.66	148.5	38.50
South Carolina Electric&Gas Co Williams.....	1,582	12,946	.79	.61	7.41	160.8	41.64
Kentucky	1,582	12,946	.79	.61	7.41	160.8	41.64
Knott	81	12,905	1.08	.84	8.53	153.5	39.63
Martin	27	12,423	.83	.67	7.00	156.9	38.98
Perry.....	345	13,191	.80	.61	6.30	164.7	43.45
Pike	1,130	12,886	.76	.59	7.68	160.2	41.30
South Carolina Pub Serv Auth Cross							
Kentucky	2,707	12,990	1.14	.88	7.84	136.1	35.35
Harlan	2,707	12,990	1.14	.88	7.84	136.1	35.35
Letcher	1,396	13,009	1.10	.84	7.49	136.0	35.38
Perry.....	335	13,222	1.29	.98	6.48	132.3	34.98
Pike	*	11,942	1.07	.90	10.50	128.8	30.76
South Carolina Pub Serv Auth Grainger.....	154	13,155	1.47	1.12	6.74	151.9	39.95
Kentucky	154	13,155	1.47	1.12	6.74	151.9	39.95
Harlan	27	12,851	1.27	.99	8.19	156.3	40.17
Letcher	118	13,241	1.54	1.17	6.13	151.3	40.06
Pike	9	12,920	1.16	.90	10.40	146.8	37.93
South Carolina Pub Serv Auth Jefferies.....							
Kentucky	591	13,236	1.54	1.16	6.45	132.0	34.95
Harlan	591	13,236	1.54	1.16	6.45	132.0	34.95
Letcher	48	12,363	1.56	1.27	10.14	129.4	31.99
South Carolina Pub Serv Auth Winyah	2,588	12,881	1.18	.91	8.42	136.8	35.25
Kentucky	2,588	12,881	1.18	.91	8.42	136.8	35.25
Harlan	1,354	12,799	1.14	.89	8.27	135.1	34.58
Letcher	355	13,213	1.39	1.05	6.40	132.2	34.93
Pike	878	12,872	1.14	.89	9.47	141.4	36.41
South Mississippi El Pwr Assn R D Morrow							
Kentucky	973	12,369	.96	.78	9.26	201.6	49.88
Leslie.....	973	12,369	.96	.78	9.26	201.6	49.88
Pike	915	12,362	.96	.77	9.18	204.5	50.57
Unknown ²	39	12,486	1.01	.81	10.25	156.7	39.13
Southern California Edison Co Mohave.....	4,399	10,933	.51	.46	10.31	134.1	29.33
Arizona.....	4,399	10,933	.51	.46	10.31	134.1	29.33
Navajo.....	4,399	10,933	.51	.46	10.31	134.1	29.33
Southern Illinois Power Coop Marion.....							
Quantity	851	10,306	3.19	3.10	18.70	85.8	17.68

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Southern Illinois Power Coop Marion							
Illinois	851	10,306	3.19	3.10	18.70	85.8	17.68
Franklin.....	4	9,277	2.08	2.24	24.20	59.7	11.08
Gallatin	235	10,656	3.95	3.71	19.95	90.0	19.17
Jefferson.....	27	8,678	1.86	2.14	21.57	57.1	9.91
Perry.....	147	10,980	2.88	2.62	11.65	98.6	21.65
St Clair.....	3	7,592	2.08	2.74	30.10	47.3	7.18
Saline.....	137	11,895	4.38	3.69	16.45	102.1	24.29
Williamson.....	298	9,155	2.34	2.56	21.79	67.7	12.39
Southern Indiana Gas & Elec Co A B Brown							
Illinois	1,387	11,527	3.85	3.34	8.44	89.2	20.57
Illinois	113	11,793	3.03	2.57	7.71	104.1	24.56
White.....	113	11,793	3.03	2.57	7.71	104.1	24.56
Indiana	1,274	11,503	3.92	3.41	8.50	87.9	20.21
Pike	1,264	11,507	3.93	3.41	8.49	87.8	20.20
Warrick	10	10,942	3.67	3.35	9.90	99.6	21.80
Southern Indiana Gas & Elec Co Culley							
Illinois	1,044	11,294	3.11	2.75	9.18	91.4	20.65
Illinois	9	11,842	1.20	1.02	5.78	138.1	32.70
Wabash	9	11,842	1.20	1.02	5.78	138.1	32.70
Indiana	955	11,181	3.26	2.91	9.27	86.6	19.37
Daviess.....	13	11,375	1.21	1.06	7.92	134.0	30.49
Dubois.....	15	11,404	1.00	.87	8.13	112.2	25.60
Gibson.....	52	10,975	2.62	2.39	10.34	96.5	21.19
Pike	187	11,538	3.72	3.22	8.14	85.9	19.82
Warrick	688	11,091	3.27	2.95	9.55	84.6	18.76
Kentucky.....	43	11,944	1.65	1.38	9.48	132.6	31.69
Daviess.....	11	11,581	1.29	1.12	5.76	133.0	30.81
Knott	26	11,881	2.02	1.70	11.80	130.7	31.05
Letcher.....	6	12,884	.79	.61	6.70	139.7	36.00
Pennsylvania.....	37	13,311	1.37	1.03	7.29	142.0	37.80
Greene.....	37	13,311	1.37	1.03	7.29	142.0	37.80
Southern Indiana Gas & Elec Co Warrick							
Indiana	532	11,125	2.37	2.13	9.53	96.4	21.44
Indiana	515	11,114	2.37	2.14	9.37	95.5	21.23
Daviess.....	192	11,260	2.09	1.86	8.35	94.4	21.25
Dubois.....	18	11,222	1.08	.96	9.57	115.7	25.97
Gibson.....	270	10,968	2.56	2.34	10.17	95.8	21.01
Knox	5	11,064	1.30	1.17	9.80	101.2	22.39
Pike	24	11,533	3.78	3.28	8.14	85.6	19.74
Warrick	5	10,998	2.26	2.06	9.62	96.5	21.23
Kentucky.....	17	11,462	2.32	2.03	14.33	120.2	27.56
Knott	17	11,462	2.32	2.03	14.33	120.2	27.56
Southwestern Electric Power Co Flint Creek							
Wyoming	2,014	8,469	.36	.43	4.76	147.0	24.91
Wyoming	2,014	8,469	.36	.43	4.76	147.0	24.91
Campbell.....	2,014	8,469	.36	.43	4.76	147.0	24.91
Southwestern Electric Power Co Pirkey							
Texas	4,132	6,563	1.64	2.50	14.19	99.6	13.07
Texas	4,132	6,563	1.64	2.50	14.19	99.6	13.07
Harrison	4,132	6,563	1.64	2.50	14.19	99.6	13.07
Southwestern Electric Power Co Welsh Station							
Wyoming	5,560	8,405	.36	.42	4.73	169.6	28.51
Wyoming	5,560	8,405	.36	.42	4.73	169.6	28.51
Campbell.....	5,560	8,405	.36	.42	4.73	169.6	28.51
Southwestern Public Service Co Harrington							
Wyoming	4,547	8,700	.36	.41	5.32	166.2	28.91
Wyoming	4,547	8,700	.36	.41	5.32	166.2	28.91
Campbell.....	4,547	8,700	.36	.41	5.32	166.2	28.91
Southwestern Public Service Co Talk							
Wyoming	4,461	8,654	.35	.40	5.32	202.8	35.11
Wyoming	4,461	8,654	.35	.40	5.32	202.8	35.11
Campbell.....	4,461	8,654	.35	.40	5.32	202.8	35.11
Springfield City of (MO) James River							
.....	660	9,702	.40	.42	4.68	123.5	23.97

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Springfield City of (MO) James River							
Illinois	169	12,152	0.89	0.73	5.24	142.1	34.53
Jefferson	169	12,152	.89	.73	5.24	142.1	34.53
Wyoming	492	8,861	.24	.27	4.49	114.8	20.35
Campbell	492	8,861	.24	.27	4.49	114.8	20.35
Springfield City of (MO) Southwest	555	8,862	.23	.26	4.48	110.0	19.50
Wyoming	555	8,862	.23	.26	4.48	110.0	19.50
Campbell	555	8,862	.23	.26	4.48	110.0	19.50
Springfield City of (IL) Dallman	1,100	10,463	3.20	3.06	9.17	115.1	24.08
Illinois	1,100	10,463	3.20	3.06	9.17	115.1	24.08
Logan	1,100	10,463	3.20	3.06	9.17	115.1	24.08
Springfield City of (IL) Lakeside	95	10,478	3.16	3.02	9.13	116.5	24.42
Illinois	95	10,478	3.16	3.02	9.13	116.5	24.42
Logan	95	10,478	3.16	3.02	9.13	116.5	24.42
St Joseph Light and Power Co Lakeroad	387	10,532	2.40	2.28	8.00	103.5	21.80
Illinois	285	11,134	3.17	2.85	9.13	109.9	24.47
Perry	285	11,134	3.17	2.85	9.13	109.9	24.47
Wyoming	102	8,845	.25	.29	4.80	81.0	14.32
Campbell	80	8,843	.26	.29	4.56	81.1	14.35
Converse	22	8,850	.25	.28	5.70	80.3	14.21
Sunflower Electric Power Corp Holcomb Unit # 1	1,112	8,440	.34	.41	5.31	115.6	19.51
Wyoming	1,112	8,440	.34	.41	5.31	115.6	19.51
Campbell	1,112	8,440	.34	.41	5.31	115.6	19.51
Tacoma Dept of Public Utilities Steam No. 2	11	10,208	.46	.45	12.96	169.0	34.51
Washington	1	10,616	.70	.66	17.57	154.0	32.71
King	1	10,616	.70	.66	17.57	154.0	32.71
Imported	10	10,144	.43	.42	12.25	171.4	34.79
Imported Coal	10	10,144	.43	.42	12.25	171.4	34.79
Tampa Electric Co Davant Transfer⁴	7,182	11,244	2.02	1.80	7.50	147.3	33.12
Illinois	3,124	11,947	2.33	1.95	8.54	157.3	37.59
Gallatin	416	12,701	2.68	2.11	9.05	124.0	31.50
Perry	987	10,993	3.01	2.74	9.33	204.5	44.96
Saline	1,720	12,311	1.86	1.51	7.96	141.6	34.85
Unknown ²	2	12,878	2.10	1.63	9.20	91.1	23.46
Indiana	5	11,216	.70	.62	7.30	164.4	36.88
Knox	5	11,216	.70	.62	7.30	164.4	36.88
Kentucky	1,944	11,609	2.95	2.54	9.34	132.3	30.71
Henderson	769	11,253	2.56	2.27	8.55	131.9	29.68
Muhlenberg	360	11,262	3.92	3.48	11.82	123.7	27.86
Union	352	11,871	2.81	2.37	8.46	131.3	31.18
Webster	433	12,247	3.07	2.51	9.58	134.7	32.98
Whitley	28	12,637	1.05	.83	6.12	218.8	55.30
Unknown ²	2	12,750	2.60	2.04	11.90	87.9	22.41
West Virginia	338	13,181	2.21	1.67	7.72	129.2	34.05
Harrison	88	13,011	3.00	2.31	9.34	126.7	32.97
Logan	1	12,042	.90	.75	10.20	108.0	26.01
Monongalia	249	13,246	1.93	1.46	7.14	130.1	34.47
Wyoming	971	8,720	.43	.49	5.29	141.0	24.59
Campbell	971	8,720	.43	.49	5.29	141.0	24.59
Imported	800	9,859	.43	.44	1.59	159.6	31.47
Imported Coal	800	9,859	.43	.44	1.59	159.6	31.47
Tampa Electric Co Gannon	961	12,781	1.23	.97	7.61	245.1	62.64
Kentucky	961	12,781	1.23	.97	7.61	245.1	62.64
Pike	648	12,908	1.32	1.02	7.98	245.0	63.24
Whitley	313	12,517	1.06	.85	6.83	245.2	61.39
Tennessee Valley Authority Bull Run⁵	2,396	12,575	1.45	1.15	9.59	111.0	27.93

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Tennessee Valley Authority Bull Run⁵							
Kentucky	2,396	12,575	1.45	1.15	9.59	111.0	27.93
Bell	997	12,730	1.45	1.14	8.96	111.8	28.46
Harlan	102	12,583	.92	.73	9.80	116.6	29.34
Knott	662	12,215	1.85	1.51	11.28	109.5	26.76
Leslie	634	12,707	1.12	.88	8.78	110.5	28.09
Tennessee Valley Authority Cahokia Transfer⁵	973	11,614	.50	.43	8.71	113.9	26.46
Colorado	827	11,596	.51	.44	9.15	113.2	26.25
Delta	65	12,300	.50	.41	8.50	117.5	28.90
Gunnison	486	11,663	.52	.45	8.45	112.5	26.25
Routt	276	11,314	.50	.44	10.55	113.3	25.64
Utah	122	12,285	.48	.39	6.37	121.5	29.86
Carbon	99	12,467	.46	.37	5.76	121.2	30.21
Sevier	23	11,500	.54	.47	9.00	123.2	28.35
Wyoming	24	8,818	.32	.36	5.41	92.0	16.22
Campbell	24	8,818	.32	.36	5.41	92.0	16.22
Tennessee Valley Authority Colbert⁵	1,985	12,245	1.58	1.29	11.99	115.2	28.22
Kentucky	1,158	12,255	2.10	1.71	11.22	104.7	25.66
Floyd	60	12,085	.87	.72	10.90	126.4	30.56
Webster	1,098	12,264	2.17	1.77	11.24	103.5	25.39
Pennsylvania	27	13,157	2.24	1.71	7.84	110.3	29.04
Greene	27	13,157	2.24	1.71	7.84	110.3	29.04
Tennessee	312	12,205	.81	.67	13.49	129.8	31.68
Sequatchie	312	12,205	.81	.67	13.49	129.8	31.68
West Virginia	488	12,198	.80	.66	13.10	131.4	32.06
Boone	142	12,344	.71	.57	11.90	136.1	33.61
Kanawha	346	12,137	.84	.69	13.60	129.5	31.42
Tennessee Valley Authority Cora Transfer⁵	2,142	10,403	.47	.45	6.82	105.6	21.98
Utah	1,024	12,192	.58	.47	8.25	121.3	29.57
Carbon	1,024	12,192	.58	.47	8.25	121.3	29.57
Wyoming	1,118	8,765	.37	.43	5.51	85.7	15.03
Campbell	759	8,781	.35	.40	5.49	87.3	15.33
Converse	359	8,731	.42	.49	5.55	82.3	14.38
Tennessee Valley Authority Cumberland⁵	8,027	11,643	2.87	2.46	9.15	106.3	24.76
Illinois	602	11,927	2.93	2.46	10.68	109.4	26.10
Gallatin	280	12,564	3.04	2.42	10.03	109.7	27.57
Randolph	120	11,000	3.10	2.82	10.00	108.7	23.91
Saline	203	11,596	2.69	2.32	11.99	109.4	25.37
Kentucky	6,675	11,457	2.91	2.54	9.16	105.6	24.20
Hopkins	167	11,703	3.11	2.66	10.71	108.0	25.27
Union	6,247	11,409	2.88	2.53	9.13	105.5	24.07
Webster	261	12,453	3.37	2.71	8.87	107.4	26.75
Pennsylvania	750	13,073	2.44	1.87	7.90	109.6	28.65
Greene	750	13,073	2.44	1.87	7.90	109.6	28.65
Tennessee Valley Authority Gallatin⁵	1,423	12,251	2.57	2.10	9.19	117.3	28.74
Illinois	93	12,721	2.53	1.99	8.72	110.8	28.19
Gallatin	79	12,852	2.61	2.03	8.49	111.0	28.53
Saline	14	12,000	2.09	1.74	10.00	109.6	26.31
Kentucky	1,330	12,219	2.58	2.11	9.22	117.7	28.77
Hopkins	613	12,012	2.68	2.23	7.99	115.4	27.72
Union	141	12,200	2.37	1.94	12.00	131.5	32.08
Webster	576	12,443	2.52	2.03	9.84	116.9	29.08
Tennessee Valley Authority GRT Terminal⁵	3,670	11,123	1.52	1.36	9.25	107.6	23.95
Colorado	638	11,232	.51	.46	11.83	114.5	25.73
Delta	72	11,269	.46	.41	10.32	134.5	30.32
Gunnison	444	11,213	.52	.46	12.24	109.6	24.57
Routt	122	11,278	.52	.46	11.27	120.7	27.23
Illinois	471	12,202	2.14	1.75	8.49	108.2	26.41
Franklin	11	11,500	2.30	2.00	8.50	98.9	22.75
Gallatin	168	12,803	2.93	2.29	9.00	103.6	26.52
Jefferson	125	11,800	1.40	1.19	7.50	119.9	28.30
Saline	168	11,944	1.88	1.58	8.73	105.1	25.11

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Tennessee Valley Authority GRT Terminal⁵							
Kentucky.....	1,437	11,994	2.56	2.14	10.13	107.1	25.69
Daviss.....	6	11,041	3.53	3.20	12.08	104.7	23.11
Harlan.....	35	12,000	1.20	1.00	10.00	142.1	34.10
Hopkins.....	498	11,785	2.92	2.48	9.35	99.0	23.35
Knott.....	91	12,000	1.23	1.02	12.00	142.3	34.15
Magoffin.....	26	12,558	1.15	.91	10.71	139.2	34.97
Perry.....	18	12,700	.91	.72	8.00	139.1	35.34
Pike.....	11	12,200	1.90	1.56	11.00	120.4	29.37
Union.....	112	11,551	2.79	2.41	9.57	106.3	24.55
Webster.....	641	12,196	2.61	2.14	10.50	104.0	25.37
Pennsylvania.....	63	12,000	1.20	1.00	12.00	137.7	33.05
Greene.....	63	12,000	1.20	1.00	12.00	137.7	33.05
Utah.....	188	12,040	.53	.44	7.43	124.2	29.90
Carbon.....	165	12,115	.54	.45	7.21	124.2	30.09
Sevier.....	23	11,500	.45	.39	9.00	124.0	28.52
Wyoming.....	873	8,766	.43	.49	6.49	94.1	16.51
Campbell.....	716	8,734	.45	.52	6.55	93.4	16.31
Carbon.....	11	11,021	.65	.59	8.00	125.5	27.65
Converse.....	146	8,759	.29	.33	6.09	95.1	16.66
Tennessee Valley Authority Johnsonville⁵	2,788	12,139	1.80	1.48	9.40	115.6	28.06
Illinois.....	1,064	12,133	1.86	1.53	8.23	108.7	26.38
Gallatin.....	546	12,249	1.87	1.53	8.32	103.7	25.42
Jefferson.....	166	11,589	1.76	1.52	7.67	120.5	27.92
Saline.....	352	12,209	1.88	1.54	8.34	111.2	27.16
Kentucky.....	1,724	12,143	1.77	1.45	10.12	119.8	29.09
Breathitt.....	50	11,800	1.90	1.61	12.42	137.7	32.50
Hopkins.....	129	12,183	1.50	1.23	4.57	115.6	28.17
Pike.....	1,065	12,113	1.71	1.41	10.49	125.7	30.46
Webster.....	481	12,234	1.95	1.60	10.56	106.0	25.94
Tennessee Valley Authority Kingston⁵	3,844	12,540	1.26	1.01	9.26	121.2	30.39
Kentucky.....	2,082	12,498	1.30	1.04	9.48	124.6	31.14
Bell.....	1,434	12,513	1.36	1.08	9.23	125.1	31.30
Harlan.....	125	12,466	1.02	.82	10.31	121.6	30.31
Knott.....	174	12,136	1.29	1.06	11.11	124.4	30.19
Leslie.....	216	12,760	1.12	.87	9.47	124.2	31.68
Ohio.....	18	12,163	1.56	1.28	10.65	127.0	30.89
Perry.....	72	12,210	1.22	1.00	10.00	123.2	30.08
Whitley.....	43	12,861	1.16	.90	7.53	120.3	30.93
Tennessee.....	1,763	12,589	1.22	.97	9.00	117.2	29.51
Anderson.....	1,002	12,289	1.22	.99	10.25	114.2	28.06
Campbell.....	247	13,058	1.09	.83	7.61	118.9	31.05
Claiborne.....	47	12,530	1.50	1.20	9.59	120.8	30.28
Morgan.....	18	13,000	1.50	1.15	8.00	107.7	28.00
Scott.....	400	12,944	1.27	.98	7.28	123.7	32.03
Sequatchie.....	49	13,374	.91	.68	4.35	114.9	30.73
Tennessee Valley Authority Paradise⁵	8,351	10,712	4.12	3.85	17.86	93.4	20.01
Illinois.....	41	12,279	3.21	2.61	11.25	111.5	27.38
Gallatin.....	31	12,500	3.37	2.70	11.00	112.0	28.01
Saline.....	10	11,600	2.70	2.33	12.00	109.6	25.43
Kentucky.....	8,304	10,702	4.13	3.85	17.90	93.3	19.97
Christian.....	1,094	10,190	4.61	4.53	17.62	93.1	18.97
Henderson.....	3	11,300	2.80	2.48	9.00	104.0	23.50
Hopkins.....	2,154	11,253	3.06	2.72	12.82	100.3	22.57
McLean.....	965	10,401	3.99	3.84	20.07	93.0	19.34
Muhlenberg.....	2,943	10,197	4.83	4.74	21.97	87.6	17.87
Union.....	108	11,262	3.07	2.73	10.61	106.8	24.05
Webster.....	1,038	11,751	4.06	3.45	15.95	92.6	21.75
Pennsylvania.....	7	13,000	2.60	2.00	8.00	111.0	28.85
Greene.....	7	13,000	2.60	2.00	8.00	111.0	28.85
Tennessee Valley Authority Sevier⁵	2,089	12,713	1.72	1.35	10.58	125.9	32.02

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Tennessee Valley Authority Sevier⁵							
Kentucky	207	12,504	1.11	0.89	11.30	125.0	31.25
Harlan	193	12,559	1.09	.87	11.15	125.1	31.42
Letcher	14	11,777	1.32	1.12	13.28	123.0	28.97
Virginia	1,882	12,736	1.78	1.40	10.50	126.0	32.10
Lee	999	12,826	1.53	1.19	9.32	129.5	33.22
Wise	883	12,635	2.07	1.64	11.83	122.0	30.84
Tennessee Valley Authority Shawnee⁵	3,364	11,380	.80	.70	9.48	125.5	28.56
Colorado	2,118	11,572	.51	.44	9.70	129.5	29.96
Delta	294	12,174	.50	.41	8.56	134.0	32.62
Gunnison	1,114	11,544	.53	.46	9.59	131.2	30.29
Routt	710	11,368	.49	.43	10.35	124.7	28.35
Illinois	150	11,696	2.50	2.14	10.64	99.7	23.33
Saline	150	11,696	2.50	2.14	10.64	99.7	23.33
Kentucky	300	11,642	2.63	2.26	10.35	121.0	28.18
Daviess	83	11,124	3.84	3.45	9.70	103.9	23.11
Hopkins	9	11,404	3.03	2.66	12.72	101.6	23.18
Magoffin	46	12,781	.75	.58	8.39	152.7	39.03
Ohio	95	11,063	3.83	3.46	10.56	104.4	23.09
Perry	51	12,616	.69	.55	11.50	141.6	35.72
Pike	16	11,500	.70	.61	13.00	140.0	32.20
Utah	143	11,872	.64	.54	7.99	134.1	31.85
Carbon	133	11,900	.66	.55	7.92	133.7	31.82
Sevier	10	11,500	.45	.39	9.00	140.0	32.20
West Virginia	153	12,330	.66	.54	12.36	140.9	34.73
Boone	102	12,343	.66	.54	12.20	137.7	33.99
Logan	50	12,303	.65	.53	12.69	147.3	36.24
Wyoming	502	9,891	.51	.51	7.24	109.2	21.60
Campbell	220	8,771	.38	.43	6.49	92.6	16.25
Carbon	248	11,033	.65	.59	8.07	122.6	27.05
Converse	34	8,775	.30	.34	6.00	93.2	16.35
Tennessee Valley Authority Widows Creek⁵	2,857	12,028	2.70	2.25	11.56	116.7	28.07
Illinois	339	11,859	3.03	2.55	9.36	114.0	27.04
Gallatin	131	12,523	3.02	2.41	10.20	113.2	28.35
Randolph	108	11,007	3.09	2.81	9.91	116.2	25.58
Saline	9	12,643	3.11	2.46	9.14	98.5	24.90
White	92	11,836	2.95	2.49	7.54	114.4	27.09
Kentucky	1,177	11,786	3.00	2.55	11.28	112.1	26.42
Christian	63	11,134	3.32	2.98	10.84	105.9	23.57
Daviess	38	11,162	3.78	3.39	9.79	99.2	22.14
Harlan	63	12,912	.88	.68	8.13	133.6	34.49
Hopkins	540	11,657	3.30	2.83	11.24	102.8	23.96
Perry	83	12,481	.88	.70	8.67	130.3	32.52
Pike	25	11,500	.70	.61	13.00	145.7	33.52
Union	53	11,493	2.91	2.54	9.02	112.1	25.76
Webster	312	11,879	3.53	2.97	13.20	118.2	28.08
Pennsylvania	58	13,125	2.52	1.92	7.91	114.1	29.94
Greene	58	13,125	2.52	1.92	7.91	114.1	29.94
Tennessee	582	12,399	.89	.72	14.41	134.6	33.38
Sequatchie	582	12,399	.89	.72	14.41	134.6	33.38
West Virginia	701	12,118	3.57	2.94	11.02	110.4	26.75
Mingo	41	11,700	.69	.59	13.80	145.4	34.02
Monongalia	660	12,144	3.75	3.08	10.85	108.3	26.30
Texas Municipal Power Agency Gibbons Creek	1,824	8,678	.31	.36	5.31	121.5	21.09
Wyoming	1,824	8,678	.31	.36	5.31	121.5	21.09
Campbell	1,561	8,663	.32	.37	5.33	121.3	21.01
Converse	263	8,771	.24	.27	5.15	122.8	21.55
Texas-New Mexico Power Co TNP 1	1,756	6,807	.82	1.21	15.24	139.7	19.03
Texas	1,756	6,807	.82	1.21	15.24	139.7	19.03
Robertson	1,756	6,807	.82	1.21	15.24	139.7	19.03
Texas Utilities Electric Co Big Brown	5,126	6,627	.74	1.12	15.90	101.8	13.49

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Texas Utilities Electric Co Big Brown							
Texas.....	5,126	6,627	0.74	1.12	15.90	101.8	13.49
Freestone.....	5,126	6,627	.74	1.12	15.90	101.8	13.49
Texas Utilities Electric Co Martin Lake.....							
Texas.....	13,056	6,596	1.24	1.88	12.06	83.8	11.06
Panola.....	13,056	6,596	1.24	1.88	12.06	83.8	11.06
Texas Utilities Electric Co Monticello.....							
Texas.....	11,546	6,383	.48	.75	16.02	115.7	14.77
Titus.....	9,997	6,033	.50	.82	17.73	116.7	14.08
Wyoming.....	9,997	6,033	.50	.82	17.73	116.7	14.08
Campbell.....	1,549	8,641	.35	.41	5.02	111.5	19.27
Campbell.....	1,549	8,641	.35	.41	5.02	111.5	19.27
Texas Utilities Electric Co Sandow No 46.....							
Texas.....	3,544	6,730	1.22	1.81	15.46	97.4	13.11
Milam.....	3,544	6,730	1.22	1.81	15.46	97.4	13.11
Toledo Edison Co Bay Shore.....							
Kentucky.....	1,539	9,829	.43	.43	5.91	131.3	25.82
Knott.....	86	12,733	.90	.71	8.32	140.6	35.81
Pike.....	31	12,419	.89	.72	8.90	137.3	34.10
West Virginia.....	55	12,910	.91	.70	8.00	142.4	36.77
Mingo.....	361	12,630	.90	.71	9.08	147.5	37.26
Wyoming.....	361	12,630	.90	.71	9.08	147.5	37.26
Campbell.....	1,092	8,675	.23	.27	4.67	122.5	21.25
Converse.....	412	8,565	.26	.30	4.24	123.1	21.09
Converse.....	680	8,741	.22	.25	4.93	122.1	21.34
Tri-State G & T Assn, Inc. Craig.....							
Colorado.....	4,163	10,179	.37	.37	6.20	108.3	22.05
Moffat.....	4,163	10,179	.37	.37	6.20	108.3	22.05
Routt.....	4,090	10,157	.37	.37	6.15	108.5	22.05
Routt.....	73	11,379	.45	.40	9.16	98.7	22.46
Tri-State G & T Assn, Inc. Nucla.....							
Colorado.....	386	10,752	.90	.84	19.83	82.6	17.76
Montrose.....	386	10,752	.90	.84	19.83	82.6	17.76
Montrose.....	386	10,752	.90	.84	19.83	82.6	17.76
Tucson Electric Power Co Irvington.....							
New Mexico.....	351	9,951	.43	.43	13.45	190.5	37.92
Mckinley.....	351	9,951	.43	.43	13.45	190.5	37.92
Mckinley.....	351	9,951	.43	.43	13.45	190.5	37.92
Tucson Electric Power Co Springerville.....							
New Mexico.....	3,212	9,315	.71	.77	17.36	145.7	27.14
Mckinley.....	3,212	9,315	.71	.77	17.36	145.7	27.14
Mckinley.....	3,212	9,315	.71	.77	17.36	145.7	27.14
Union Electric Co Labadie.....							
Illinois.....	7,372	8,792	.36	.41	5.01	89.8	15.78
Macoupin.....	159	10,997	2.99	2.72	10.33	128.3	28.23
Perry.....	19	10,300	1.40	1.36	8.40	129.3	26.64
Wyoming.....	140	11,091	3.21	2.89	10.59	128.2	28.44
Campbell.....	7,213	8,744	.31	.35	4.89	88.7	15.51
Converse.....	6,772	8,740	.31	.36	4.86	88.8	15.53
Converse.....	441	8,800	.22	.25	5.30	86.4	15.20
Union Electric Co Meramec.....							
Illinois.....	1,119	10,486	.85	.81	6.14	128.1	26.86
Jefferson.....	657	11,694	1.29	1.10	7.29	137.7	32.20
Saline.....	21	11,500	1.15	1.00	10.00	142.3	32.73
Wyoming.....	636	11,700	1.29	1.10	7.20	137.5	32.18
Campbell.....	462	8,769	.23	.26	4.50	109.8	19.26
Campbell.....	462	8,769	.23	.26	4.50	109.8	19.26
Union Electric Co Rush Island.....							
Wyoming.....	3,741	8,546	.35	.41	5.07	91.4	15.63
Campbell.....	3,741	8,546	.35	.41	5.07	91.4	15.63
Campbell.....	3,741	8,546	.35	.41	5.07	91.4	15.63
Union Electric Co Sioux.....							
	2,386	9,434	1.05	1.11	6.25	111.6	21.06

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Union Electric Co Sioux							
Illinois	690	11,197	2.99	2.67	10.13	151.3	33.89
Jefferson.....	37	11,500	1.27	1.10	12.00	139.3	32.04
Macoupin.....	36	10,700	3.40	3.18	9.50	117.3	25.10
Perry.....	607	11,200	3.10	2.77	10.10	154.1	34.51
Saline	10	11,700	1.28	1.09	7.10	148.3	34.70
Wyoming.....	1,696	8,716	.26	.30	4.67	90.9	15.84
Campbell.....	1,696	8,716	.26	.30	4.67	90.9	15.84
United Illuminating Co Bridgeport Harbor	952	13,132	.54	.41	7.20	190.5	50.02
Kentucky.....	760	13,094	.51	.39	7.41	191.9	50.25
Pike	760	13,094	.51	.39	7.41	191.9	50.25
Virginia	4	13,830	.72	.52	5.27	184.2	50.94
Wise.....	4	13,830	.72	.52	5.27	184.2	50.94
West Virginia.....	153	13,244	.63	.47	6.85	188.5	49.93
Mingo.....	80	13,217	.67	.50	6.60	189.4	50.06
Wyoming.....	73	13,274	.58	.44	7.13	187.5	49.78
Imported.....	35	13,387	.64	.48	4.30	169.6	45.41
Imported Coal.....	35	13,387	.64	.48	4.30	169.6	45.41
United Power Assn Stanton	1,041	6,643	.69	1.04	8.36	73.5	9.77
North Dakota	1,041	6,643	.69	1.04	8.36	73.5	9.77
McLean.....	101	6,633	.63	.95	9.30	68.3	9.06
Mercer.....	940	6,644	.69	1.05	8.26	74.1	9.85
UtiliCorp United Inc Sibley	1,386	9,876	.45	.46	6.33	95.8	18.93
Wyoming.....	1,386	9,876	.45	.46	6.33	95.8	18.93
Campbell.....	504	8,751	.22	.25	4.51	72.2	12.64
Carbon.....	883	10,518	.59	.56	7.36	107.0	22.51
Vineland City of H M Down	16	12,925	.77	.60	6.35	192.4	49.75
West Virginia.....	16	12,925	.77	.60	6.35	192.4	49.75
Nicholas.....	16	12,925	.77	.60	6.35	192.4	49.75
Virginia Electric & Power Co Breomo Bluff	566	11,931	.95	.80	14.25	138.6	33.08
Kentucky	80	12,669	1.18	.93	9.69	149.8	37.96
Knott.....	25	12,600	1.20	.95	11.00	147.0	37.04
Letcher.....	12	13,400	1.50	1.12	6.00	143.8	38.54
Pike	43	12,500	1.07	.86	10.00	153.3	38.32
Virginia	14	12,598	1.50	1.19	11.24	153.4	38.66
Buchanan.....	7	12,700	1.50	1.18	11.50	148.6	37.74
Wise.....	7	12,500	1.50	1.20	11.00	158.1	39.52
West Virginia.....	472	11,785	.89	.76	15.11	136.1	32.08
Logan.....	443	11,739	.90	.77	15.32	135.7	31.86
Nicholas.....	29	12,500	.80	.64	12.00	141.9	35.47
Virginia Electric & Power Co Chesapeake Energy	1,735	12,754	1.12	.88	10.97	141.6	36.12
Kentucky	16	12,500	.95	.76	12.00	143.5	35.87
Pike	16	12,500	.95	.76	12.00	143.5	35.87
Virginia	1,700	12,758	1.13	.88	10.99	141.6	36.13
Buchanan.....	37	12,559	.88	.70	12.80	136.8	34.35
Wise.....	1,663	12,763	1.13	.89	10.95	141.7	36.17
West Virginia.....	20	12,590	.89	.71	8.67	142.8	35.96
Boone.....	*	13,000	1.00	.77	8.00	78.9	20.51
Mingo.....	10	13,000	.85	.65	10.00	144.1	37.47
Wayne.....	10	12,162	.93	.76	7.30	142.1	34.56
Virginia Electric & Power Co Clover	1,904	12,615	1.08	.85	11.26	131.4	33.16
Kentucky	41	12,405	1.05	.85	12.00	136.1	33.77
Pike	41	12,405	1.05	.85	12.00	136.1	33.77
Virginia	1,784	12,637	1.09	.86	11.18	131.1	33.12
Buchanan.....	17	12,667	.89	.71	11.44	135.4	34.30
Lee.....	15	12,367	.91	.73	10.50	134.5	33.27
Wise.....	1,752	12,639	1.09	.86	11.18	131.0	33.11
West Virginia.....	79	12,215	.87	.71	12.62	137.8	33.67
Logan.....	69	12,100	.90	.74	13.00	138.3	33.47
Mingo.....	10	13,000	.67	.52	10.00	134.7	35.02

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Virginia Electric & Power Co Chesterfield	2,890	12,517	1.09	0.87	10.97	142.4	35.64
Kentucky	1,986	12,575	1.14	.91	10.49	143.0	35.97
Floyd	120	12,327	1.07	.86	11.35	143.5	35.38
Knott	458	12,555	1.21	.97	10.90	142.1	35.68
Letcher	704	12,686	1.20	.95	10.13	143.2	36.33
Perry	13	12,500	1.05	.84	10.00	143.0	35.75
Pike	691	12,519	1.05	.84	10.46	143.4	35.90
Virginia	16	12,528	1.21	.97	11.57	148.6	37.23
Buchanan	7	12,700	1.50	1.18	11.00	148.8	37.80
Wise	9	12,400	1.00	.81	12.00	148.4	36.80
West Virginia	888	12,386	.97	.79	12.02	140.8	34.87
Boone	275	12,874	1.05	.82	10.21	148.4	38.20
Logan	537	12,140	.90	.74	12.87	137.3	33.34
Nicholas	46	12,279	1.33	1.08	13.47	136.3	33.46
Raleigh	29	12,500	1.00	.80	11.00	135.8	33.95
Virginia Electric & Power Co Mount Storm	3,958	12,235	1.67	1.37	15.35	111.1	27.19
Maryland	2,640	12,251	1.72	1.40	15.63	107.0	26.21
Allegany	92	11,927	1.60	1.34	16.39	113.5	27.08
Garrett	2,548	12,262	1.73	1.41	15.60	106.7	26.18
Pennsylvania	173	12,199	1.67	1.36	15.52	118.8	28.99
Somerset	173	12,199	1.67	1.36	15.52	118.8	28.99
West Virginia	1,145	12,206	1.56	1.28	14.68	119.5	29.17
Grant	975	12,284	1.60	1.31	14.12	120.2	29.53
Upshur	170	11,754	1.33	1.13	17.88	115.4	27.13
Virginia Electric & Power Co Possum Point	816	12,428	1.00	.80	12.08	144.3	35.87
Kentucky	133	12,532	1.19	.95	9.75	142.9	35.81
Floyd	20	12,000	1.00	.83	12.00	141.1	33.86
Knott	44	12,318	1.21	.98	10.09	145.6	35.87
Letcher	46	13,109	1.39	1.06	7.80	141.3	37.05
Pike	24	12,251	.95	.78	10.99	142.5	34.91
Virginia	41	12,700	1.43	1.13	11.67	147.8	37.53
Buchanan	41	12,700	1.43	1.13	11.67	147.8	37.53
West Virginia	641	12,388	.93	.75	12.59	144.4	35.77
Boone	223	12,958	.97	.75	9.88	153.1	39.67
Grant	30	13,000	1.40	1.08	14.53	140.8	36.60
Logan	264	11,787	.90	.76	14.94	137.7	32.47
Nicholas	124	12,500	.80	.64	12.00	142.5	35.62
Virginia Electric & Power Co Yorktown	733	12,459	1.31	1.05	11.47	146.8	36.58
Kentucky	460	12,424	1.40	1.12	10.91	147.6	36.67
Floyd	71	11,700	2.10	1.80	12.20	141.5	33.12
Knott	68	12,147	1.38	1.14	13.08	143.6	34.88
Letcher	179	12,726	1.37	1.08	10.28	145.6	37.05
Pike	143	12,536	1.08	.87	10.03	154.8	38.80
Maryland	30	12,798	1.72	1.35	15.99	151.7	38.83
Garrett	30	12,798	1.72	1.35	15.99	151.7	38.83
Virginia	128	12,719	1.23	.97	11.36	147.3	37.46
Buchanan	110	12,700	1.20	.94	11.75	146.3	37.16
Dickenson	19	12,831	1.44	1.12	9.01	152.9	39.24
West Virginia	115	12,217	.91	.75	12.72	141.7	34.64
Grant	7	13,000	1.40	1.08	11.00	144.7	37.62
Logan	90	12,100	.90	.74	13.00	140.5	34.00
Nicholas	18	12,500	.80	.64	12.00	146.6	36.65
West Penn Power Co Armstrong	906	12,569	1.85	1.47	9.37	111.1	27.94
Pennsylvania	906	12,569	1.85	1.47	9.37	111.1	27.94
Armstrong	630	12,613	2.06	1.63	9.15	110.1	27.78
Clarion	20	12,384	2.08	1.68	9.86	108.3	26.83
Jefferson	256	12,477	1.30	1.05	9.88	113.9	28.43
West Penn Power Co Hatfield	3,467	12,856	2.09	1.62	9.50	140.3	36.08
Pennsylvania	1,512	12,841	2.10	1.64	9.46	140.2	36.01
Greene	1,512	12,841	2.10	1.64	9.46	140.2	36.01

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
West Penn Power Co Hatfield							
West Virginia.....	1,955	12,868	2.08	1.61	9.53	140.4	36.14
Harrison.....	5	12,858	2.09	1.63	8.70	139.4	35.85
Marion.....	251	12,920	2.10	1.63	9.48	140.4	36.27
Marshall.....	204	12,750	2.18	1.71	9.05	139.5	35.56
Monongalia.....	1,495	12,875	2.06	1.60	9.60	140.6	36.19
West Penn Power Co Mitchell	611	12,210	3.25	2.66	11.36	130.4	31.85
West Virginia.....	611	12,210	3.25	2.66	11.36	130.4	31.85
Marshall.....	544	12,183	3.35	2.75	11.21	129.2	31.47
Monongalia.....	67	12,433	2.44	1.96	12.61	140.4	34.92
West Texas Utilities Co Oklaunion	2,635	8,455	.43	.51	5.27	138.3	23.38
Wyoming.....	2,635	8,455	.43	.51	5.27	138.3	23.38
Campbell.....	2,635	8,455	.43	.51	5.27	138.3	23.38
Western Farmers Elec Coop Inc Hugo	1,106	8,609	.26	.30	4.55	101.4	17.46
Oklahoma.....	15	11,193	.29	.26	11.35	225.3	50.43
Craig.....	15	11,193	.29	.26	11.35	225.3	50.43
Wyoming.....	1,091	8,574	.26	.30	4.46	99.2	17.01
Campbell.....	1,091	8,574	.26	.30	4.46	99.2	17.01
Wisconsin Electric Power Co Oak Creek	2,399	11,585	.84	.73	8.16	134.6	31.18
Colorado.....	213	11,774	.54	.46	8.94	134.8	31.75
Gunnison.....	213	11,774	.54	.46	8.94	134.8	31.75
Illinois.....	22	11,802	.56	.47	6.50	136.1	32.13
Jefferson.....	22	11,802	.56	.47	6.50	136.1	32.13
Kentucky.....	24	12,582	.98	.78	8.70	139.9	35.20
Knott.....	24	12,582	.98	.78	8.70	139.9	35.20
New Mexico.....	508	12,199	.56	.46	13.93	156.3	38.14
Colfax.....	508	12,199	.56	.46	13.93	156.3	38.14
Pennsylvania.....	935	13,182	1.53	1.16	6.92	142.1	37.45
Greene.....	654	13,144	1.60	1.22	6.89	143.2	37.63
Washington.....	281	13,270	1.37	1.03	7.00	139.5	37.03
West Virginia.....	24	12,451	.66	.53	11.77	145.7	36.28
Nicholas.....	24	12,451	.66	.53	11.77	145.7	36.28
Wyoming.....	673	8,766	.21	.24	5.18	95.1	16.67
Converse.....	673	8,766	.21	.24	5.18	95.1	16.67
Wisconsin Electric Power Co Pleasant Prairie	5,378	8,460	.34	.41	5.25	78.0	13.20
Wyoming.....	5,378	8,460	.34	.41	5.25	78.0	13.20
Campbell.....	5,365	8,459	.34	.41	5.25	78.0	13.20
Converse.....	13	8,664	.23	.27	5.80	78.1	13.53
Wisconsin Electric Power Co Port Washington	639	13,038	1.24	.95	7.35	142.9	37.25
Colorado.....	108	12,027	.57	.47	9.49	135.2	32.52
Gunnison.....	108	12,027	.57	.47	9.49	135.2	32.52
Pennsylvania.....	531	13,243	1.38	1.04	6.92	144.3	38.22
Greene.....	358	13,237	1.38	1.04	6.85	145.2	38.43
Washington.....	173	13,256	1.38	1.04	7.06	142.5	37.78
Wisconsin Electric Power Co Presque Isle	1,717	10,356	.54	.52	7.66	149.7	31.01
Colorado.....	508	12,031	.58	.48	9.65	133.7	32.17
Gunnison.....	508	12,031	.58	.48	9.65	133.7	32.17
Montana.....	771	9,094	.50	.54	5.97	171.9	31.27
Big Horn.....	445	9,091	.49	.54	5.95	203.9	37.07
Rosebud.....	327	9,098	.50	.55	5.98	128.5	23.38
West Virginia.....	201	12,555	.75	.60	11.54	159.3	40.00
Nicholas.....	201	12,555	.75	.60	11.54	159.3	40.00
Wyoming.....	236	9,001	.44	.49	5.58	110.9	19.97
Campbell.....	178	9,002	.49	.54	5.88	110.8	19.94
Converse.....	58	8,996	.28	.31	4.65	111.5	20.06
Wisconsin Electric Power Co Valley	728	13,185	1.69	1.28	7.05	150.7	39.74
Pennsylvania.....	728	13,185	1.69	1.28	7.05	150.7	39.74
Greene.....	728	13,185	1.69	1.28	7.05	150.7	39.74
Wisconsin Power & Light Co Columbia	4,922	8,601	.47	.54	5.93	96.2	16.55

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 24. Origin of Coal Received by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant Origin State County	Quantity (thousand short tons)	Average Quality				Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Sulfur (pounds per MM Btu)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Wisconsin Power & Light Co Columbia							
Montana	1,342	8,817	0.74	0.83	8.42	99.3	17.51
Rosebud	1,342	8,817	.74	.83	8.42	99.3	17.51
Wyoming	3,580	8,521	.36	.43	5.00	95.0	16.19
Campbell	3,580	8,521	.36	.43	5.00	95.0	16.19
Wisconsin Power & Light Co Edgewater	2,553	8,786	.38	.44	5.67	122.4	21.51
Utah	72	12,305	.55	.44	9.19	163.9	40.33
Emery	72	12,305	.55	.44	9.19	163.9	40.33
Wyoming	2,481	8,683	.38	.44	5.57	120.7	20.96
Campbell	2,366	8,580	.37	.43	5.55	119.0	20.43
Carbon	115	10,808	.63	.59	6.04	147.8	31.95
Wisconsin Power & Light Co Nelson Dewey	667	9,541	.44	.46	4.48	122.0	23.27
Illinois	83	12,060	.88	.73	5.43	141.3	34.08
Jefferson	83	12,060	.88	.73	5.43	141.3	34.08
Montana	456	9,380	.36	.39	4.11	121.0	22.71
Big Horn	456	9,380	.36	.39	4.11	121.0	22.71
Wyoming	128	8,486	.44	.52	5.15	107.8	18.30
Campbell	128	8,486	.44	.52	5.15	107.8	18.30
Wisconsin Power & Light Co Rock River	361	9,390	.40	.42	4.22	122.3	22.97
Illinois	19	12,244	.94	.77	5.23	163.3	40.00
Jefferson	19	12,244	.94	.77	5.23	163.3	40.00
Montana	275	9,411	.36	.38	4.02	120.8	22.74
Big Horn	275	9,411	.36	.38	4.02	120.8	22.74
Wyoming	67	8,477	.39	.46	4.77	112.3	19.03
Campbell	67	8,477	.39	.46	4.77	112.3	19.03
Wisconsin Public Service Corp Pulliam	1,407	8,843	.22	.25	4.57	99.4	17.59
Wyoming	1,407	8,843	.22	.25	4.57	99.4	17.59
Campbell	1,407	8,843	.22	.25	4.57	99.4	17.59
Wisconsin Public Service Corp Weston	1,949	8,824	.27	.31	4.87	110.9	19.56
Wyoming	1,949	8,824	.27	.31	4.87	110.9	19.56
Campbell	1,949	8,824	.27	.31	4.87	110.9	19.56
Wyandotte Municipal Serv Comm Wyandotte	119	12,637	1.17	.92	10.29	148.2	37.46
Kentucky	8	12,614	.68	.54	9.64	180.4	45.51
Pike	8	12,614	.68	.54	9.64	180.4	45.51
Ohio	19	12,028	2.40	2.00	9.94	132.8	31.94
Stark	2	11,902	2.66	2.24	11.98	142.8	34.00
Tuscarawas	13	12,056	2.46	2.04	9.75	129.3	31.18
Unknown ²	4	11,992	2.11	1.76	9.75	139.7	33.51
West Virginia	92	12,763	.96	.75	10.41	148.4	37.88
Boone	63	12,679	.69	.55	11.13	150.2	38.08
Clay	15	13,418	2.38	1.77	6.80	134.2	36.01
Kanawha	15	12,491	.71	.57	10.91	155.4	38.82
Total	880,588	10,275	1.11	1.08	9.36	127.3	26.16

¹ Most coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping facility.

² Refers to coal in which the county of origin is not known.

³ The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from this transfer facility to the Crystal River power plant. This cost is not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

⁴ The Tampa Electric Company reports coal destined for the Big Bend power plant as it is received at this facility located in Louisiana. The cost reported under Davant Transfer is the weighted average cost of coal delivered to this facility. The Tampa Electric Company incurs additional costs for transporting coal from Davant to the Big Bend power plant located in Florida. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

⁵ Coal reported as delivered to the Cahokia, Cora, and GRT transfer facilities is later transferred to individual electric plants located in Alabama, Kentucky, and Tennessee. The cost of transportation from these facilities to the electric plants is not included in the costs shown in this report. Coal delivered to Cahokia is later transferred primarily to the Colbert and Widows Creek plants in Alabama. Approximately 90 percent of the coal delivered to the Cora facility is transferred to the Allen plant. Most of the remaining coal is transferred to the Paradise plant. All coal delivered to the Cora facility is shown in this report as being delivered to Tennessee. Approximately 60 percent of the coal delivered to the GRT facility is later delivered to the Gallatin plant. Widdows Creek, Johnsonville, Paradise, and Cumberland each receive approximately 8 percent. Colbert and Shawnee each receive approximately 4 percent. All coal delivered to GRT is shown in this report as being delivered to Tennessee.

⁶ Data for Sandow No. 4 include lignite delivered for the Aluminium Company of America (ALCOA) portion of Unit 4.

* = Number less than 0.5.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Fossil-Fuel Data at the Electric Utility and Plant Level

Table 25. The Top 20 Electric Utilities, Ranked by Receipts of Coal, 1997

Electric Utility	Receipts (thousand short tons)	Average Delivered Cost		Total Coal Bill (million dollars)
		(cents per million Btu)	(dollars per short ton)	
1. Tennessee Valley Authority.....	43,911	110.6	25.70	1,128.7
2. Texas Utilities Electric Co.....	33,272	98.9	12.94	430.5
3. PacifiCorp.....	29,668	96.3	18.22	540.5
4. Georgia Power Co.....	27,687	159.0	37.42	1,036.1
5. Alabama Power Co.....	23,151	164.5	37.62	871.0
6. Detroit Edison Co.....	21,510	129.5	26.58	571.7
7. Commonwealth Edison Co.....	19,444	206.1	37.28	724.8
8. Houston Lighting & Power Co.....	18,710	144.8	22.10	413.5
9. Pennsylvania Electric Co.....	18,687	123.6	29.85	557.9
10. Duke Power Co.....	16,280	138.0	34.32	558.7
11. Basin Electric Power Coop.....	15,053	68.8	10.05	151.2
12. Union Electric Co.....	14,618	97.3	17.45	255.1
13. Ohio Power Co.....	14,462	146.3	34.39	497.3
14. PSI Energy Inc.....	14,014	115.1	25.71	360.3
15. Northern States Power Co.....	13,089	108.5	19.10	250.0
16. Virginia Electric & Power.....	12,602	131.2	32.63	411.2
17. Monongahela Power Co.....	12,326	108.7	27.25	336.0
18. Southwestern Electric Power.....	11,706	144.5	22.44	262.7
19. Indiana Michigan Power.....	11,251	112.1	21.01	236.4
20. Arizona Public Service Co.....	11,035	121.7	22.16	244.5

Note: Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 26. The Top 20 Electric Utilities, Ranked by Receipts of Petroleum, 1997

Electric Utility	Receipts (thousand barrels)	Average Delivered Cost		Total Petroleum Bill (million dollars)
		(cents per million Btu)	(dollars per barrel)	
1. Florida Power & Light Co.....	25,234	273.8	17.47	441.0
2. Connecticut Light & Power Co.....	9,112	298.6	19.13	174.3
3. Florida Power Corp.....	9,104	250.1	16.37	149.1
4. Canal Electric Co.....	7,612	255.2	16.26	123.8
5. Hawaiian Electric Co Inc.....	7,227	364.3	22.85	165.1
6. Boston Edison Co.....	6,355	260.0	16.57	105.3
7. Consolidated Edison Co-NY Inc.....	5,984	292.1	18.28	109.4
8. Long Island Lighting Co.....	4,875	277.4	17.70	86.3
9. United Illuminating Co.....	4,789	281.3	17.99	86.2
10. Mississippi Power & Light.....	4,049	268.0	17.67	71.6
11. New England Power Co.....	3,473	257.9	16.40	56.9
12. Central Maine Power Co.....	2,335	278.9	17.69	41.3
13. Jacksonville Electric Auth.....	2,303	274.4	17.38	40.0
14. Central Hudson Gas & Elec Corp.....	2,292	265.8	16.89	38.7
15. Power Auth State of NY.....	1,905	292.9	18.33	34.9
16. Delmarva Power & Light.....	1,826	272.8	17.37	31.7
17. Pennsylvania Power & Light Co.....	1,634	260.7	16.71	27.3
18. Public Service Co of NH.....	1,594	263.6	16.89	26.9
19. Potomac Electric Power.....	1,555	310.1	19.54	30.4
20. Virginia Electric & Power Co.....	1,360	283.0	17.62	24.0

Note: Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 27. The Top 20 Electric Utilities, Ranked by Receipts of Gas, 1997

Electric Utility	Receipts (thousand Mcf)	Average Delivered Cost		Total Gas Bill (million dollars)
		(cents per million Btu)	(dollars per Mcf)	
1. Texas Utilities Electric Co.....	348,167	279.7	2.86	994.9
2. Florida Power & Light Co.....	221,941	301.5	3.15	698.4
3. Houston Lighting & Power Co.....	194,473	251.9	2.57	500.0
4. Gulf States Utilities Co.....	165,218	262.2	2.72	449.2
5. Pacific Gas & Electric Co.....	146,492	274.1	2.82	412.5
6. Southern California Edison Co.....	143,229	325.4	3.31	473.5
7. Louisiana Power & Light Co.....	124,573	278.8	2.89	359.5
8. Central Power & Light Co.....	121,298	249.2	2.55	309.6
9. Consolidated Edison Co-NY Inc.....	89,627	271.1	2.79	250.2
10. Long Island Lighting Co.....	71,255	263.4	2.69	191.4
11. Public Service Co of Oklahoma.....	67,977	302.5	3.10	210.9
12. Southwestern Public Service.....	66,139	255.5	2.58	170.4
13. San Diego Gas & Electric Co.....	48,430	299.9	3.03	146.6
14. Oklahoma Gas & Electric Co.....	48,300	282.8	2.93	141.6
15. Commonwealth Edison Co.....	42,426	250.5	2.54	107.9
16. San Antonio City Pub Service.....	37,479	263.4	2.67	100.1
17. Mississippi Power & Light.....	35,698	265.7	2.75	98.2
18. Boston Edison Company.....	35,413	311.8	3.24	114.6
19. New England Power Co.....	34,513	317.8	3.26	112.7
20. West Texas Utilities Co.....	32,862	273.4	2.76	90.6

Notes: • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 28. Receipts of Petroleum Coke by Electric Utility, 1997

Electric Utility	Receipts (thousand short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(dollars per short ton)
Big Rivers Electric Corp.....	22	13,760	4.79	0.33	83.4	22.96
Central Electric Pwr Coop-MO.....	16	13,806	3.11	1.29	85.9	23.72
Central Power & Light Co.....	20	14,266	4.41	.53	121.9	34.78
Cincinnati Gas & Electric Co.....	3	14,413	3.48	.10	71.1	20.50
IES Utilities.....	74	14,095	5.56	.36	66.3	18.69
Illinois Power Co.....	62	13,745	4.78	.29	95.4	26.23
Indiana Michigan Power Co.....	39	14,243	4.79	.30	63.5	18.08
Indianapolis Power & Light Co.....	7	14,224	3.29	.50	51.8	14.74
Jacksonville Electric Authority.....	630	14,284	4.87	.44	108.9	31.11
Lakeland Dept of Water and Elec.....	197	14,207	5.36	.46	99.6	28.31
Manitowoc Public Utilities.....	35	14,442	5.74	.43	71.5	20.64
Northern Indiana Pub Serv Co.....	330	14,057	4.05	.28	90.7	25.50
Northern States Power Co.....	250	14,051	5.57	.70	64.9	18.24
Pennsylvania Power & Light Co.....	267	13,979	5.48	.72	68.0	19.02
PSI Energy Inc.....	24	13,635	4.55	.30	123.2	33.58
San Antonio City of.....	34	14,100	2.94	1.04	131.2	37.00
Seminole Electric Coop Inc.....	20	13,898	4.64	.16	133.1	37.00
Tampa Electric Co.....	114	12,827	3.92	3.51	92.8	23.82
Wisconsin Electric Power Co.....	49	13,926	4.59	.30	94.8	26.41
Total.....	2,192	14,053	4.86	.64	91.2	25.64

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 29. Receipts of No. 6 Fuel Oil by Electric Utility, 1997

Company	Receipts (thousand barrels)	Average Quality		Average Delivered Cost	
		Btu (per gallon)	Sulfur (percent by weight)	(cents per million Btu)	(dollars per barrel)
Atlantic City Electric Co.....	194	150,425	0.78	313.3	19.79
Baltimore Gas & Electric Co.....	192	150,505	.96	295.1	18.65
Boston Edison Co.....	6,314	151,847	.93	258.9	16.51
Cambridge Electric Light Co.....	146	148,114	.47	352.6	21.94
Canal Electric Co.....	7,612	151,754	.95	255.2	16.26
Central Hudson Gas & Elec Corp.....	2,292	151,307	1.21	265.8	16.89
Central Maine Power Co.....	2,328	151,105	1.27	278.4	17.67
Commonwealth Edison Co.....	562	151,840	.68	320.3	20.42
Connecticut Light & Power Co.....	9,095	152,539	.64	298.2	19.11
Consolidated Edison Co-NY Inc.....	5,984	149,025	.27	292.1	18.28
Consumers Power Co.....	634	152,319	.93	263.4	16.85
Delmarva Power & Light Co.....	1,729	152,355	1.15	264.3	16.92
Detroit City of.....	291	149,148	.71	415.8	26.04
Detroit Edison Co.....	7	138,451	.00	310.0	18.03
Dover City of.....	247	152,066	.73	288.6	18.43
Florida Power & Light Co.....	25,216	151,980	1.50	273.7	17.47
Florida Power Corp.....	9,031	155,990	1.52	248.6	16.29
Gainesville Regional Utilities.....	13	152,253	1.44	307.9	19.69
Georgia Power Co.....	50	149,500	.50	279.3	17.54
Hawaiian Electric Co Inc.....	7,222	149,359	.40	364.2	22.85
Jacksonville Electric Auth.....	2,243	151,114	1.61	270.4	17.16
Kansas Gas & Electric Co.....	286	160,652	1.03	221.8	14.97
Kansas Power & Light Co.....	66	159,727	1.20	242.8	16.29
Lakeland City of.....	110	148,903	2.23	306.7	19.18
Long Island Lighting Co.....	4,875	151,882	.81	277.4	17.70
Louisiana Power & Light Co.....	286	153,272	1.00	299.0	19.25
Mississippi Power & Light Co.....	4,033	157,081	2.21	267.4	17.64
New England Power Co.....	3,473	151,394	1.65	257.9	16.40
New Orleans Public Service Inc.....	460	156,372	1.50	279.7	18.37
Orange & Rockland Utils Inc.....	634	149,571	.30	288.0	18.09
Orlando Utilities Comm.....	773	152,249	1.06	275.5	17.62
Pennsylvania Power & Light Co.....	1,435	154,636	.93	238.8	15.51
Philadelphia Electric Co.....	1,170	152,144	.45	288.3	18.42
Potomac Electric Power Co.....	1,252	152,138	.88	290.1	18.54
Power Authority of State of NY.....	1,743	149,329	.29	287.6	18.04
Public Service Co of NH.....	1,565	152,894	1.29	260.8	16.75
Public Service Electric&Gas Co.....	20	145,865	.19	368.1	22.55
St Joseph Light & Power Co.....	70	156,145	1.53	253.4	16.62
Tampa Electric Co.....	306	150,341	.94	282.1	17.81
Taunton City of.....	679	151,870	1.00	312.3	19.92
United Illuminating Co.....	4,783	152,296	.91	281.2	17.98
Vineland City of.....	36	151,111	.82	295.3	18.74
Virginia Electric & Power Co.....	1,246	149,014	1.15	268.6	16.81
Western Massachusetts Elec Co.....	69	149,722	.67	339.4	21.35
Total.....	110,774	152,118	1.10	278.8	17.81

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
Alabama Electric Coop Inc	408	12,085	1.74	11.18	143.0	34.57	1,005	12,140	1.86	9.42	138.9	33.72
Lowman (AL)	408	12,085	1.74	11.18	143.0	34.57	1,005	12,140	1.86	9.42	138.9	33.72
Alabama Power Co¹	21,414	11,400	.85	10.36	167.1	38.11	1,737	11,908	1.19	10.02	132.7	31.60
Barry (AL)	2,383	12,199	.74	12.12	198.2	48.37	764	11,991	.89	6.54	135.7	32.54
Gadsden (AL)	220	12,918	2.01	11.60	168.5	43.53	—	—	—	—	—	—
Gorgas 2 and 3 (AL)	4,512	12,170	1.59	13.08	160.9	39.16	129	11,744	.94	14.46	125.3	29.43
Greene (AL)	1,019	12,205	1.37	12.42	128.6	31.39	302	12,194	2.14	11.03	115.7	28.22
Gaston (AL)	3,728	12,319	.92	11.81	172.2	42.42	504	11,906	1.18	13.93	141.6	33.72
James Miller (AL)	9,552	10,358	.42	7.82	164.0	33.97	39	8,625	.40	5.04	111.0	19.15
American Mun Power Ohio Inc	—	—	—	—	—	—	737	11,598	5.06	15.16	83.5	19.37
Gorsuch (OH)	—	—	—	—	—	—	737	11,598	5.06	15.16	83.5	19.37
Ames City of	225	8,851	.22	4.40	147.4	26.09	—	—	—	—	—	—
Ames (IA)	225	8,851	.22	4.40	147.4	26.09	—	—	—	—	—	—
Appalachian Power Co	10,047	12,353	.75	11.74	149.6	36.96	907	13,111	.78	12.66	114.1	29.91
Clinch River (VA)	1,603	12,437	.77	13.89	132.1	32.87	331	12,511	.79	13.42	119.0	29.78
Glen Lyn (VA)	458	12,747	.90	10.65	140.6	35.84	121	12,387	.85	10.93	133.9	33.18
Amos (WV)	4,895	12,337	.78	11.41	154.1	38.02	164	12,059	.84	12.31	105.3	25.40
Kanawha River (WV)	820	12,397	.78	12.03	144.5	35.83	121	18,041	.75	12.75	100.6	36.29
Mountaineer (WV)	2,271	12,231	.64	11.05	156.1	38.20	170	12,299	.65	12.72	112.4	27.65
Arizona Electric Pwr Coop Inc	775	9,930	.44	13.30	112.7	22.39	521	9,304	.75	17.08	114.2	21.24
Apache (AZ)	775	9,930	.44	13.30	112.7	22.39	521	9,304	.75	17.08	114.2	21.24
Arizona Public Service Co	9,776	9,051	.71	20.17	123.3	22.33	1,259	9,549	.42	13.70	109.3	20.87
Cholla (AZ)	1,928	9,926	.44	13.44	165.7	32.90	1,259	9,549	.42	13.70	109.3	20.87
Four Corners (NM)	7,848	8,836	.78	21.83	111.6	19.73	—	—	—	—	—	—
Arkansas Power & Light Co	9,865	8,756	.32	5.20	167.3	29.30	—	—	—	—	—	—
Whitebluff (AR)	4,846	8,714	.43	5.46	179.8	31.34	—	—	—	—	—	—
Independence (AR)	5,019	8,795	.21	4.94	155.4	27.33	—	—	—	—	—	—
Associated Electric Coop Inc	8,423	8,743	.22	4.69	85.5	14.94	—	—	—	—	—	—
Madrid (MO)	4,196	8,783	.23	4.71	96.5	16.95	—	—	—	—	—	—
Hill (MO)	4,227	8,704	.21	4.68	74.4	12.95	—	—	—	—	—	—
Atlantic City Electric Co	769	12,692	2.01	10.63	179.7	45.61	—	—	—	—	—	—
England (NJ)	580	12,669	2.43	10.71	178.9	45.32	—	—	—	—	—	—
Deepwater (NJ)	190	12,762	.70	10.36	182.2	46.51	—	—	—	—	—	—
Baltimore Gas & Electric Co	4,811	12,769	.88	9.87	141.8	36.20	374	12,741	.76	10.80	134.1	34.18
Brandon Shores (MD)	3,110	12,588	.68	10.64	142.6	35.89	246	12,617	.68	11.63	133.3	33.64
Crane (MD)	745	13,260	1.78	7.30	138.7	36.78	—	—	—	—	—	—
Wagner (MD)	956	12,975	.83	9.37	141.7	36.77	128	12,979	.93	9.20	135.6	35.21
Basin Electric Power Coop	14,845	7,298	.58	7.29	68.6	10.02	208	7,604	.63	7.15	80.3	12.22
Leland Olds (ND)	3,480	6,644	.70	7.91	81.5	10.83	208	7,604	.63	7.15	80.3	12.22
Laramie River (WY)	5,993	8,393	.39	5.11	51.9	8.72	—	—	—	—	—	—
Antelope Valley (ND)	5,372	6,500	.70	9.32	84.2	10.94	—	—	—	—	—	—
Big Rivers Electric Corp	1,489	11,215	3.43	14.08	93.1	20.88	3,679	11,468	2.51	11.67	102.5	23.50
Coleman (KY)	—	—	—	—	—	—	1,455	11,610	1.70	11.44	111.7	25.94
Reid-Henderson (KY)	252	11,223	2.48	10.18	105.1	23.58	738	11,714	2.90	10.15	99.0	23.19
R D Green (KY)	749	11,159	3.62	14.91	88.7	19.80	735	10,968	3.10	13.21	87.5	19.19
Wilson (KY)	487	11,297	3.63	14.82	93.6	21.14	750	11,439	3.13	12.12	101.9	23.31
Black Hills Corp	500	7,988	.69	7.73	50.1	8.01	—	—	—	—	—	—
Neal Simpson II (WY)	500	7,988	.69	7.73	50.1	8.01	—	—	—	—	—	—
Cajun Electric Power Coop Inc	5,762	8,467	.45	5.27	154.9	26.23	—	—	—	—	—	—
Big Cajun No.2 (LA)	5,762	8,467	.45	5.27	154.9	26.23	—	—	—	—	—	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
Cardinal Operating Co	3,646	12,181	1.90	11.73	174.4	42.49	420	11,702	1.99	10.29	105.6	24.71
Cardinal (OH)	3,646	12,181	1.90	11.73	174.4	42.49	420	11,702	1.99	10.29	105.6	24.71
Carolina Power & Light Co	7,403	12,275	.84	11.49	156.4	38.40	3,126	12,210	1.00	11.57	138.6	33.84
Asheville (NC)	289	12,560	1.00	11.55	151.1	37.96	671	12,626	1.13	11.08	133.5	33.70
Cape Fear (NC)	483	12,310	.95	10.23	153.1	37.69	182	12,184	.97	11.82	141.6	34.51
Lee (NC)	461	12,385	.92	9.52	155.0	38.39	102	12,328	.93	11.59	143.0	35.27
Roxboro (NC)	3,700	12,331	.84	11.41	154.3	38.05	1,419	12,134	.89	11.47	137.3	33.33
Sutton (NC)	506	12,658	1.06	9.96	152.0	38.49	284	12,145	1.11	11.53	143.7	34.91
Weatherspoon (NC)	158	12,551	1.02	11.03	164.9	41.39	136	12,170	1.00	11.11	149.2	36.31
Robinson (SC)	—	—	—	—	—	—	257	11,721	1.39	14.16	144.6	33.90
Mayo (NC)	1,806	11,945	.68	12.98	163.6	39.08	74	11,836	.65	9.15	137.6	32.58
Cedar Falls City of	—	—	—	—	—	—	28	11,532	2.25	8.40	157.9	36.41
Streeter (IA)	—	—	—	—	—	—	28	11,532	2.25	8.40	157.9	36.41
Central Electric Pwr Coop-MO	—	—	—	—	—	—	140	10,956	2.77	8.90	131.9	28.90
Chamois (MO)	—	—	—	—	—	—	140	10,956	2.77	8.90	131.9	28.90
Central Hudson Gas & Elec Corp	607	13,149	.64	6.94	173.8	45.70	208	13,081	.64	7.70	177.0	46.31
Danskammer (NY)	607	13,149	.64	6.94	173.8	45.70	208	13,081	.64	7.70	177.0	46.31
Central Illinois Light Co	1,592	10,728	2.67	8.23	170.2	36.52	1,063	11,398	2.62	7.90	124.4	28.36
Edwards (IL)	741	10,531	1.57	8.18	139.1	29.31	1,054	11,381	2.63	7.90	124.4	28.31
Duck Creek (IL)	851	10,900	3.63	8.28	196.3	42.80	9	13,368	1.76	8.00	125.1	33.45
Central Illinois Pub Serv Co	3,760	10,717	1.11	8.11	163.5	35.05	2,108	11,093	1.53	8.23	122.6	27.20
Coffeen (IL)	2,006	10,356	1.17	8.54	171.1	35.43	3	9,000	1.05	20.00	57.7	10.39
Grand Tower (IL)	—	—	—	—	—	—	451	11,026	3.06	9.86	103.3	22.79
Hutsonville (IL)	77	11,057	1.91	9.03	127.1	28.10	311	11,428	2.63	8.28	107.9	24.66
Meredosia (IL)	464	10,959	2.20	6.23	167.5	36.71	209	11,037	1.97	8.40	126.2	27.85
Newton (IL)	1,213	11,198	.54	8.05	152.8	34.22	1,134	11,043	.53	7.51	133.9	29.57
Central Iowa Power Coop	150	10,959	3.03	9.44	113.8	24.95	—	—	—	—	—	—
Fair Station (IA)	150	10,959	3.03	9.44	113.8	24.95	—	—	—	—	—	—
Central Louisiana Elec Co Inc	5,413	7,489	.89	9.87	144.3	21.62	—	—	—	—	—	—
Dolet Hills (LA)	3,570	6,861	1.10	12.05	138.4	18.99	—	—	—	—	—	—
Rodemacher (LA)	1,843	8,706	.49	5.65	153.3	26.70	—	—	—	—	—	—
Central Operating Co	1,618	12,238	1.40	12.56	135.7	33.22	567	12,099	1.53	13.18	103.2	24.97
Sporn (WV)	1,618	12,238	1.40	12.56	135.7	33.22	567	12,099	1.53	13.18	103.2	24.97
Central Power & Light Co	—	—	—	—	—	—	1,795	10,081	.40	5.96	135.9	27.39
Coletto Creek (TX)	—	—	—	—	—	—	1,795	10,081	.40	5.96	135.9	27.39
Cincinnati Gas & Electric Co	4,355	12,255	1.93	9.85	117.6	28.82	6,358	12,161	2.30	11.37	108.5	26.40
Beckjord (OH)	1,080	12,183	1.21	10.43	118.0	28.74	1,549	12,105	1.26	11.55	114.9	27.83
Miami Fort (OH)	1,289	12,407	1.22	10.42	127.4	31.60	1,745	11,852	.97	13.71	119.2	28.26
East Bend (KY)	766	12,793	1.93	8.66	113.1	28.94	1,031	12,235	2.53	10.72	102.1	24.98
Zimmer (OH)	1,220	11,822	3.32	9.49	109.5	25.88	2,033	12,433	4.12	9.57	98.2	24.42
Cleveland Electric Illum Co	2,925	12,890	2.04	8.50	133.0	34.28	1,639	12,343	1.96	8.83	125.6	31.01
Ashtabula (OH)	469	12,477	3.71	8.76	112.7	28.13	70	12,017	3.31	11.06	111.3	26.76
Avon Lake (OH)	1,147	12,935	.72	8.77	155.1	40.13	388	11,947	1.87	11.58	122.5	29.28
Eastlake (OH)	1,309	12,997	2.59	8.18	120.6	31.35	1,087	12,757	2.04	8.05	126.0	32.16
Lake Shore (OH)	—	—	—	—	—	—	94	9,437	.31	4.84	148.7	28.06
Colorado Springs City of	1,185	10,864	.41	7.40	143.1	31.10	332	9,883	.36	6.18	89.0	17.59
Drake (CO)	633	10,495	.37	6.10	186.2	39.09	145	10,572	.37	6.12	94.3	19.94
Nixon (CO)	552	11,286	.45	8.89	97.2	21.94	186	9,347	.36	6.23	84.3	15.75
Columbia City of	46	12,991	1.02	7.44	208.0	54.04	—	—	—	—	—	—
Columbia (MO)	46	12,991	1.02	7.44	208.0	54.04	—	—	—	—	—	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
Columbus Southern Power Co.....	3,338	11,815	2.61	8.32	154.8	36.58	1,078	11,735	3.19	11.18	97.8	22.96
Conesville (OH).....	3,251	11,823	2.59	8.28	156.2	36.93	985	11,768	3.16	11.23	97.7	23.01
Picway (OH).....	87	11,546	3.36	9.80	101.6	23.47	94	11,390	3.45	10.68	98.4	22.43
Commonwealth Edison Co.....	16,176	8,941	.32	5.04	226.5	40.50	3,267	9,546	.84	6.42	111.6	21.32
Crawford (IL).....	559	8,831	.27	4.69	182.2	32.18	5	10,872	.55	7.94	142.9	31.06
Joliet (IL).....	3,047	8,801	.36	5.42	215.8	37.99	1,160	8,756	.39	5.56	91.4	16.00
Kincaid (IL).....	518	11,324	.32	7.95	234.1	53.01	1,136	11,023	1.55	7.91	132.5	29.20
Powerton (IL).....	4,174	8,746	.29	5.06	247.9	43.37	481	8,704	.55	5.57	111.5	19.40
Waukegan (IL).....	2,578	8,707	.41	5.42	248.1	43.20	383	8,742	.57	5.75	99.2	17.34
Will County (IL).....	3,409	8,876	.28	4.56	191.2	33.94	90	9,045	.55	6.00	92.8	16.79
Fisk (IL).....	576	9,162	.32	4.43	224.9	41.22	12	8,722	.55	5.60	128.4	22.40
State Line (IN).....	1,315	9,529	.33	3.94	248.0	47.27	—	—	—	—	—	—
Consumers Power Co.....	4,180	11,703	.70	10.74	160.2	37.50	3,298	10,645	.65	8.25	134.7	28.68
Cobb (MI).....	319	9,586	.54	7.31	133.3	25.56	633	10,713	.76	8.39	137.5	29.46
Karn-Weadock (MI).....	449	12,287	.79	11.80	156.6	38.49	488	12,254	.87	11.07	143.1	35.06
Campbell (MI).....	2,342	12,015	.70	11.02	168.2	40.43	1,315	10,013	.51	7.01	131.2	26.27
Weadock (MI).....	440	10,413	.61	8.65	140.2	29.21	662	10,167	.59	7.87	128.5	26.13
Whiting (MI).....	631	12,101	.80	12.14	155.9	37.74	201	12,229	.88	10.28	143.0	34.99
Coop Power Assn.....	6,875	6,286	.73	11.45	77.2	9.71	—	—	—	—	—	—
Coal Creek (ND).....	6,875	6,286	.73	11.45	77.2	9.71	—	—	—	—	—	—
Dairyland Power Coop.....	1,360	8,787	.22	4.43	99.7	17.53	685	11,549	.94	5.35	126.9	29.32
Alma-Madgett (WI).....	978	8,757	.21	4.44	94.7	16.59	302	11,074	.92	5.45	122.8	27.19
Genoa No.3 (WI).....	382	8,865	.23	4.41	112.5	19.94	383	11,924	.96	5.27	130.0	31.00
Dayton Power & Light Co.....	5,693	11,744	.79	14.10	137.2	32.21	2,433	11,546	.77	14.07	112.9	26.08
Hutchings (OH).....	—	—	—	—	—	—	352	12,579	.75	11.36	139.1	35.00
Stuart (OH).....	4,669	11,655	.82	14.09	138.2	32.22	1,389	11,151	.85	15.26	104.1	23.20
Killen (OH).....	1,024	12,151	.63	14.17	132.4	32.16	692	11,815	.63	13.06	115.6	27.31
Delmarva Power & Light Co.....	1,482	13,095	.99	8.57	157.7	41.30	200	12,819	1.00	9.27	153.1	39.25
Edgemoor (DE).....	386	13,001	.80	9.64	158.6	41.24	120	12,476	.74	10.38	162.0	40.41
Indian River (DE).....	1,096	13,128	1.06	8.20	157.3	41.31	81	13,326	1.38	7.62	140.8	37.53
Deseret Generation & Tran Coop.....	1,775	10,485	.42	9.56	187.0	39.22	—	—	—	—	—	—
Bonanza (UT).....	1,775	10,485	.42	9.56	187.0	39.22	—	—	—	—	—	—
Detroit Edison Co.....	18,417	9,979	.55	5.25	130.0	25.95	3,093	11,962	1.28	6.72	126.8	30.33
Harbor Beach (MI).....	35	11,928	.62	6.75	140.1	33.43	30	13,116	.75	6.57	162.8	42.71
Marysville (MI).....	7	13,025	.68	7.84	155.7	40.56	24	13,101	.66	8.02	151.1	39.58
Monroe (MI).....	7,695	10,394	.70	5.81	113.9	23.68	1,647	12,496	1.18	7.12	131.9	32.96
River Rouge (MI).....	1,247	10,588	.58	7.78	126.5	26.79	137	11,740	.67	7.87	131.3	30.84
St Clair (MI).....	4,231	9,519	.42	4.33	149.0	28.36	660	11,633	2.10	6.30	114.0	26.53
Trenton Channel (MI).....	1,248	10,106	.64	5.53	116.2	23.49	346	11,835	1.13	6.90	128.9	30.51
Belle River (MI).....	3,954	9,409	.35	4.22	149.9	28.20	249	9,359	.34	4.16	107.3	20.09
Duke Power Co.....	11,904	12,414	.89	9.83	140.7	34.94	4,376	12,477	1.01	10.01	130.8	32.63
Allen (NC).....	1,672	12,430	.78	10.35	137.8	34.25	549	12,532	.91	10.36	126.4	31.69
Buck (NC).....	103	12,278	.96	11.15	133.8	32.86	613	12,123	1.01	12.43	125.1	30.34
Cliffside (NC).....	646	12,709	1.14	8.49	175.4	44.60	646	12,808	1.08	8.18	138.2	35.39
Dan River (NC).....	127	12,485	1.06	11.33	134.3	33.53	228	12,565	.96	10.79	124.2	31.20
Marshall (NC).....	3,882	12,228	1.04	10.46	129.5	31.66	1,126	12,403	1.06	9.82	127.6	31.66
Riverbend (NC).....	270	12,695	1.07	8.45	178.8	45.40	379	12,478	1.10	9.44	139.5	34.81
Lee (SC).....	99	12,594	1.12	8.72	190.6	48.00	302	12,332	1.05	10.04	144.8	35.71
Belews Creek (NC).....	5,105	12,496	.76	9.39	142.9	35.70	533	12,623	.84	9.56	127.8	32.25
Duquesne Light Co.....	791	13,026	1.26	7.89	150.3	39.16	1,528	12,827	2.24	10.00	105.1	26.97
Elrama (PA).....	174	12,944	1.55	8.75	230.5	59.66	865	12,547	2.25	11.39	106.9	26.83
Cheswick (PA).....	617	13,050	1.18	7.64	127.9	33.37	663	13,192	2.22	8.19	102.9	27.14

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
East Kentucky Power Coop Inc.	1,652	12,232	0.84	11.64	115.7	28.30	1,775	12,407	0.82	9.75	113.6	28.19
Cooper (KY).....	326	12,138	1.18	10.69	115.5	28.03	352	12,579	1.07	8.71	112.4	28.28
Dale (KY).....	125	12,302	.83	9.66	113.6	27.95	320	12,649	.85	7.90	114.7	29.02
Spurlock (KY).....	1,201	12,251	.74	12.11	115.9	28.40	1,103	12,282	.73	10.61	113.6	27.91
Electric Energy Inc.	4,687	8,691	.25	4.51	92.3	16.04	—	—	—	—	—	—
Joppa (IL).....	4,687	8,691	.25	4.51	92.3	16.04	—	—	—	—	—	—
Empire District Electric Co.	995	9,238	.64	5.46	108.5	20.04	17	12,233	3.55	12.72	117.4	28.73
Riverton (KS).....	261	9,524	.86	5.77	118.5	22.58	10	12,468	3.66	11.20	121.1	30.21
Asbury (MO).....	734	9,136	.56	5.35	104.8	19.14	8	11,942	3.42	14.60	112.6	26.89
Florida Power Corp ²	4,168	12,658	.80	8.92	180.8	45.78	1,878	12,579	.87	9.14	164.3	41.34
Crystal River (FL).....	2,811	12,690	.86	8.52	181.9	46.16	1,226	12,682	.97	8.77	165.8	42.04
IMT Transfer (LA).....	1,357	12,593	.69	9.77	178.7	45.02	652	12,387	.66	9.84	161.5	40.01
Fremont City of	200	8,565	.26	4.42	90.4	15.49	11	10,800	.59	6.32	134.9	29.14
Wright (NE).....	200	8,565	.26	4.42	90.4	15.49	11	10,800	.59	6.32	134.9	29.14
Gainesville Regional Utilities	543	13,096	.58	7.06	165.6	43.38	26	13,299	.75	5.61	161.7	43.01
Deerhaven (FL).....	543	13,096	.58	7.06	165.6	43.38	26	13,299	.75	5.61	161.7	43.01
Georgia Power Co	15,532	12,592	.89	9.86	166.2	41.86	12,155	10,711	.75	8.63	148.2	31.75
Arkwright (GA).....	—	—	—	—	—	—	65	12,520	1.64	9.60	164.9	41.30
Atkinson-Mcdonough (GA).....	1,225	12,671	1.02	9.58	134.8	34.16	49	13,052	1.01	7.37	133.6	34.87
Bowen (GA).....	6,476	12,566	.92	10.23	142.3	35.75	1,605	11,458	.88	15.44	128.0	29.33
Hammond (GA).....	427	12,820	.88	9.49	150.3	38.55	831	12,759	.88	9.33	148.5	37.89
Hartlee Branch (GA).....	1,074	12,568	1.07	10.70	169.4	42.59	1,898	12,143	1.38	11.02	149.6	36.32
Mitchell (GA).....	97	12,692	1.16	8.87	179.6	45.58	80	12,485	1.08	9.83	177.9	44.42
Yates (GA).....	765	12,921	.86	8.92	154.1	39.81	886	12,687	1.20	9.78	148.3	37.64
Wansley (GA).....	3,022	12,574	.91	8.63	188.5	47.41	263	10,886	.73	10.26	147.0	32.00
Scherer (GA).....	2,446	12,506	.65	10.56	223.1	55.79	6,477	9,509	.45	5.91	153.2	29.13
Grand Haven City of	162	11,108	2.29	9.75	136.0	30.21	12	13,227	2.71	3.59	139.9	37.00
J B Simms (MI).....	162	11,108	2.29	9.75	136.0	30.21	12	13,227	2.71	3.59	139.9	37.00
Grand Island City of	319	8,453	.33	5.21	70.1	11.85	—	—	—	—	—	—
Platte (NE).....	319	8,453	.33	5.21	70.1	11.85	—	—	—	—	—	—
Grand River Dam Authority	3,733	8,462	.37	5.04	89.4	15.14	12	8,379	.44	6.23	84.1	14.09
GRDA No 1 (OK).....	3,733	8,462	.37	5.04	89.4	15.14	12	8,379	.44	6.23	84.1	14.09
Gulf Power Co	676	12,139	1.19	7.23	220.1	53.43	2,048	12,021	1.75	9.83	191.8	46.11
Crist (FL).....	639	12,148	1.12	7.09	221.9	53.91	1,068	12,049	1.00	9.92	195.8	47.19
Scholtz (FL).....	—	—	—	—	—	—	76	12,377	1.94	9.18	167.7	41.50
Smith (FL).....	36	11,973	2.56	9.73	188.3	45.08	904	11,957	2.63	9.79	189.1	45.22
Gulf States Utilities Co	1,992	8,708	.48	5.64	136.8	23.82	—	—	—	—	—	—
Nelson (LA).....	1,992	8,708	.48	5.64	136.8	23.82	—	—	—	—	—	—
Hamilton City of	134	12,514	.72	9.13	147.1	36.80	2	11,991	.73	9.80	153.5	36.81
Hamilton (OH).....	134	12,514	.72	9.13	147.1	36.80	2	11,991	.73	9.80	153.5	36.81
Hastings City of	98	8,854	.25	4.38	73.3	12.99	122	8,537	.36	4.98	59.6	10.18
Hastings (NE).....	98	8,854	.25	4.38	73.3	12.99	122	8,537	.36	4.98	59.6	10.18
Holland City of	139	12,863	.86	6.47	179.6	46.20	—	—	—	—	—	—
James De Young (MI).....	139	12,863	.86	6.47	179.6	46.20	—	—	—	—	—	—
Holyoke Water Power Co	333	13,179	1.17	7.32	176.4	46.50	116	13,152	.80	7.35	187.2	49.23
Mount Tom (MA).....	333	13,179	1.17	7.32	176.4	46.50	116	13,152	.80	7.35	187.2	49.23
Hoosier Energy R E C Inc	3,483	10,913	3.10	11.13	128.7	28.09	636	10,876	2.23	10.67	90.8	19.74

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot						
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost		
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)	
Hoosier Energy R E C Inc													
Frank E Ratts (IN).....	610	11,068	1.32	9.25	136.9	30.30	—	—	—	—	—	—	—
Merom (IN).....	2,873	10,880	3.48	11.53	126.9	27.62	636	10,876	2.23	10.67	—	90.8	19.74
Houston Lighting & Power Co.....	18,547	7,624	.74	10.75	144.9	22.09	163	8,513	.37	4.88	133.5	22.72	
Limestone (TX).....	9,185	6,628	1.08	16.45	82.9	10.99	23	8,689	.44	5.37	137.7	23.93	
Parish (TX).....	9,361	8,602	.39	5.16	191.8	32.99	140	8,485	.35	4.80	132.8	22.53	
IES Utilities Co.....	1,253	8,365	.37	6.01	107.7	18.02	2,675	8,533	.37	5.29	88.7	15.14	
6th St (IA).....	—	—	—	—	—	—	110	10,285	.50	4.72	152.8	31.43	
Praire Creek (IA).....	—	—	—	—	—	—	833	8,528	.34	5.67	94.9	16.18	
Sutherland (IA).....	—	—	—	—	—	—	438	8,515	.36	5.01	79.1	13.47	
Burlington (IA).....	2	8,228	.31	5.71	88.4	14.55	559	8,470	.48	5.65	91.7	15.54	
Ottumwa (IA).....	1,251	8,366	.37	6.01	107.7	18.03	735	8,334	.32	4.86	73.3	12.22	
Illinois Power Co.....	7,224	10,920	2.47	9.78	112.0	24.47	142	10,777	2.26	9.57	107.4	23.15	
Baldwin (IL).....	4,992	10,768	2.90	10.09	105.0	22.61	75	11,101	2.98	9.10	97.5	21.64	
Havana (IL).....	994	11,693	.56	8.47	137.4	32.12	14	10,326	1.33	7.56	130.7	27.00	
Hennepin (IL).....	791	10,692	2.87	10.12	117.5	25.12	—	—	—	—	—	—	
Vermilion (IL).....	212	10,456	1.74	11.75	107.4	22.47	42	10,242	1.67	11.65	109.1	22.35	
Wood River (IL).....	235	12,077	.82	5.70	128.7	31.09	10	11,229	.70	7.33	142.5	32.01	
Independence City of.....	77	10,766	2.72	12.88	123.7	26.63	—	—	—	—	—	—	
Blue Valley (MO).....	77	10,766	2.72	12.88	123.7	26.63	—	—	—	—	—	—	
Indiana-Kentucky Electric Corp.....	3,212	10,122	.35	5.05	117.9	23.87	990	10,749	3.26	12.26	105.5	22.68	
Clifty Creek (IN).....	3,212	10,122	.35	5.05	117.9	23.87	990	10,749	3.26	12.26	105.5	22.68	
Indiana Michigan Power Co.....	9,218	9,198	.40	5.11	114.1	21.00	2,033	10,143	1.12	7.60	103.8	21.06	
Tanners Creek (IN).....	1,237	12,515	1.24	8.60	145.0	36.28	876	12,122	2.15	10.43	106.5	25.81	
Rockport (IN).....	7,982	8,684	.27	4.57	107.3	18.63	1,157	8,645	.35	5.45	101.0	17.46	
Indianapolis Power & Light Co.....	3,624	11,085	2.30	9.02	108.9	24.14	3,749	11,056	2.16	9.57	85.6	18.92	
Stout (IN).....	946	11,059	1.25	8.43	113.6	25.12	538	10,967	1.20	8.44	107.2	23.52	
Pritchard (IN).....	225	11,257	1.26	7.44	110.4	24.84	355	10,939	1.07	8.51	98.4	21.53	
Petersburg (IN).....	2,453	11,080	2.80	9.39	106.9	23.69	2,856	11,088	2.48	9.92	80.0	17.74	
Interstate Power Co.....	987	9,776	.40	6.90	172.6	33.75	100	11,098	2.59	8.34	110.3	24.48	
Dubuque (IA).....	—	—	—	—	—	—	73	10,904	2.56	8.90	107.9	23.52	
Lansing (IA).....	561	8,454	.30	4.52	212.3	35.90	28	11,608	2.66	6.85	116.2	26.98	
Kapp (IA).....	426	11,516	.53	10.03	134.2	30.91	—	—	—	—	—	—	
Jacksonville Electric Auth.....	3,045	12,250	1.09	9.01	165.8	40.61	80	11,914	3.04	10.58	148.9	35.48	
St Johns River (FL).....	3,045	12,250	1.09	9.01	165.8	40.61	80	11,914	3.04	10.58	148.9	35.48	
Jamestown City of.....	—	—	—	—	—	—	100	12,666	1.82	9.65	132.4	33.53	
Samuel A Carlson (NY).....	—	—	—	—	—	—	100	12,666	1.82	9.65	132.4	33.53	
Kansas City City of.....	1,426	9,085	.61	5.74	97.0	17.63	—	—	—	—	—	—	
Kaw (KS).....	58	10,512	.46	6.62	128.8	27.09	—	—	—	—	—	—	
Quindaro (KS).....	413	10,680	1.24	7.64	121.3	25.92	—	—	—	—	—	—	
Nearman (KS).....	955	8,308	.35	4.87	81.1	13.47	—	—	—	—	—	—	
Kansas City Power & Light Co.....	9,355	8,719	.47	5.76	76.4	13.32	216	8,619	.34	5.84	62.4	10.76	
La Cygne (KS).....	3,940	8,712	.69	6.35	68.3	11.90	56	8,429	.34	5.45	62.4	10.52	
Hawthorne (MO).....	1,328	8,755	.34	5.47	68.0	11.91	—	—	—	—	—	—	
Montrose (MO).....	1,653	8,686	.21	5.01	96.8	16.82	—	—	—	—	—	—	
Iatan (MO).....	2,434	8,734	.35	5.46	80.2	14.01	160	8,686	.34	5.97	62.4	10.84	
Kansas Power & Light Co.....	9,868	8,756	.38	5.17	114.6	20.07	—	—	—	—	—	—	
Lawrence (KS).....	1,116	10,862	.42	7.57	124.2	26.99	—	—	—	—	—	—	
Tecumseh (KS).....	497	10,815	.41	7.43	123.8	26.79	—	—	—	—	—	—	
Jeffrey Energy Cnt (KS).....	8,254	8,348	.37	4.71	112.2	18.73	—	—	—	—	—	—	

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
Kentucky Power Co.	2,036	12,223	1.23	10.23	110.0	26.90	874	12,198	1.31	9.87	103.0	25.13
Big Sandy (KY).....	2,036	12,223	1.23	10.23	110.0	26.90	874	12,198	1.31	9.87	103.0	25.13
Kentucky Utilities Co.	4,301	12,117	1.54	10.83	116.3	28.19	2,187	12,232	1.36	10.74	112.2	27.46
Brown (KY).....	702	11,989	1.23	11.40	127.2	30.49	616	12,202	1.24	11.31	112.9	27.56
Ghent (KY).....	3,456	12,145	1.56	10.86	114.7	27.86	1,318	12,306	1.26	10.94	112.5	27.69
Green River (KY).....	143	12,073	2.54	7.42	102.8	24.83	203	11,666	2.55	8.58	106.8	24.93
Tyrone (KY).....	—	—	—	—	—	—	51	12,950	.84	7.06	116.6	30.20
Lakeland City of	517	12,861	1.28	8.71	173.7	44.67	241	12,910	1.21	7.79	170.7	44.08
Plant 3-Mcintosh (FL).....	517	12,861	1.28	8.71	173.7	44.67	241	12,910	1.21	7.79	170.7	44.08
Lansing City of	550	12,636	.90	7.94	163.9	41.42	254	10,990	.62	6.92	157.2	34.55
Eckert (MI).....	238	12,659	.87	7.61	164.7	41.69	164	10,138	.48	6.47	154.3	31.28
Erickson (MI).....	312	12,619	.93	8.19	163.3	41.22	90	12,542	.89	7.74	161.5	40.51
Los Angeles City of	4,588	11,713	.57	9.41	143.6	33.64	511	10,915	.45	7.21	109.8	23.96
Intermountain (UT).....	4,588	11,713	.57	9.41	143.6	33.64	511	10,915	.45	7.21	109.8	23.96
Louisville Gas & Electric Co.	5,593	11,399	3.43	11.58	92.3	21.05	1,104	12,081	3.28	11.49	102.9	24.86
Cane Run (KY).....	1,106	11,407	3.42	11.93	96.6	22.04	228	11,998	2.91	10.06	111.9	26.85
Mill Creek (KY).....	3,195	11,329	3.19	11.31	92.7	20.99	514	12,100	2.90	10.91	107.3	25.97
Trimble County (KY).....	1,292	11,565	4.05	11.94	88.0	20.35	362	12,108	4.05	13.21	91.1	22.05
Lower Colorado River Authority	5,462	8,539	.35	5.66	96.6	16.50	—	—	—	—	—	—
S Seymour-Fayette (TX).....	5,462	8,539	.35	5.66	96.6	16.50	—	—	—	—	—	—
Madison Gas & Electric Co.	—	—	—	—	—	—	144	10,757	1.35	9.14	134.0	28.83
Blount (WI).....	—	—	—	—	—	—	144	10,757	1.35	9.14	134.0	28.83
Manitowoc Public Utilities	—	—	—	—	—	—	140	12,533	1.14	7.35	157.8	39.55
Manitowoc (WI).....	—	—	—	—	—	—	140	12,533	1.14	7.35	157.8	39.55
Marquette City of	144	9,363	.36	4.18	132.0	24.72	—	—	—	—	—	—
Shiras (MI).....	144	9,363	.36	4.18	132.0	24.72	—	—	—	—	—	—
Metropolitan Edison Co.	1,142	13,158	1.64	7.16	138.1	36.33	123	13,149	1.59	6.89	148.9	39.17
Portland (PA).....	638	13,189	1.80	7.43	136.1	35.91	115	13,157	1.59	6.90	148.9	39.17
Titus (PA).....	504	13,118	1.44	6.82	140.5	36.87	7	13,018	1.59	6.67	150.2	39.11
Michigan South Central Pwr Agy	43	11,995	3.38	8.94	166.3	39.89	18	12,250	3.36	9.20	154.5	37.85
Project I (MI).....	43	11,995	3.38	8.94	166.3	39.89	18	12,250	3.36	9.20	154.5	37.85
MidAmerican Energy	10,321	8,515	.36	5.18	82.7	14.09	73	8,669	.44	5.58	61.2	10.61
Riverside (IA).....	403	8,440	.33	5.44	92.3	15.58	12	8,360	.33	6.00	84.4	14.11
Council Bluffs (IA).....	2,587	8,335	.36	4.76	82.5	13.76	61	8,730	.46	5.50	56.8	9.92
George Neal 1-4 (IA).....	5,158	8,669	.37	5.18	72.4	12.55	—	—	—	—	—	—
Louisa (IA).....	2,173	8,380	.35	5.65	106.4	17.84	—	—	—	—	—	—
Minnesota Power & Light Co.	4,164	9,126	.53	6.13	110.8	20.23	—	—	—	—	—	—
Laskin Energy Center (MN).....	412	9,391	.39	4.41	113.4	21.30	—	—	—	—	—	—
Boswell Energy Center (MN).....	3,752	9,097	.55	6.32	110.5	20.11	—	—	—	—	—	—
Minnkota Power Coop Inc	3,964	6,745	.86	8.25	61.9	8.36	—	—	—	—	—	—
Young (ND).....	3,964	6,745	.86	8.25	61.9	8.36	—	—	—	—	—	—
Mississippi Power Co.	4,230	9,936	.58	5.17	143.3	28.48	840	11,073	.85	7.31	145.1	32.14
Watson (MS).....	1,008	11,895	1.20	7.11	137.9	32.82	840	11,073	.85	7.31	145.1	32.14
Daniel (MS).....	3,221	9,323	.39	4.56	145.5	27.13	—	—	—	—	—	—
Monongahela Power Co.	11,610	12,513	3.09	11.15	108.7	27.20	716	12,875	1.86	9.58	109.1	28.09
Albright (WV).....	135	12,894	1.76	10.02	105.7	27.25	183	12,675	1.59	11.66	105.0	26.63
Ft Martin (WV).....	2,818	12,612	1.49	11.06	122.0	30.77	—	—	—	—	—	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
Monongahela Power Co												
Harrison (WV).....	5,140	12,556	3.41	11.71	115.0	28.88	158	12,467	3.33	12.35	82.5	20.57
Rivesville (WV).....	—	—	—	—	—	—	68	12,751	1.02	10.05	131.6	33.56
Willow Island (WV).....	—	—	—	—	—	—	304	13,242	1.42	6.77	119.8	31.73
Pleasants (WV).....	3,516	12,355	3.96	10.46	88.6	21.90	3	12,327	4.09	10.20	85.0	20.96
Montana-Dakota Utilities Co	2,299	6,940	1.00	8.13	89.7	12.45	3	7,047	.82	7.89	53.8	7.58
Heskett (ND).....	406	7,045	.76	7.72	112.0	15.78	3	7,047	.82	7.89	53.8	7.58
Lewis and Clark (MT).....	155	6,631	.52	8.54	97.8	12.98	—	—	—	—	—	—
Coyote (ND).....	1,737	6,944	1.09	8.19	83.7	11.62	—	—	—	—	—	—
Montana Power Co	9,005	8,457	.73	9.33	67.9	11.49	—	—	—	—	—	—
Corette (MT).....	510	8,324	.23	4.47	55.5	9.24	—	—	—	—	—	—
Colstrip (MT).....	8,495	8,465	.76	9.63	68.7	11.63	—	—	—	—	—	—
Montaup Electric Co	—	—	—	—	—	—	279	12,710	.74	7.68	179.3	45.58
Somerset (MA).....	—	—	—	—	—	—	279	12,710	.74	7.68	179.3	45.58
Muscatine City of	802	9,005	1.16	7.10	91.4	16.46	60	11,156	1.27	9.28	126.3	28.18
Muscatine (IA).....	802	9,005	1.16	7.10	91.4	16.46	60	11,156	1.27	9.28	126.3	28.18
Nebraska Public Power District	5,880	8,640	.24	4.48	49.3	8.52	237	8,911	.31	4.67	56.9	10.15
Sheldon (NE).....	820	8,735	.20	4.43	62.9	10.99	45	10,365	.56	5.86	99.5	20.62
Gerald Gentleman (NE).....	5,060	8,624	.25	4.48	47.1	8.12	192	8,573	.25	4.39	45.0	7.72
Nevada Power Co	960	11,529	.49	8.78	128.4	29.62	308	12,006	.78	9.42	121.1	29.08
Gardner (NV).....	960	11,529	.49	8.78	128.4	29.62	308	12,006	.78	9.42	121.1	29.08
New England Power Co	3,691	12,484	.68	8.33	168.4	42.04	126	12,671	.72	10.26	159.3	40.37
Brayton (MA).....	2,876	12,517	.68	8.59	168.7	42.23	124	12,667	.72	10.35	159.0	40.27
Salem Harbor (MA).....	815	12,366	.66	7.42	167.2	41.36	2	12,921	.73	4.39	182.3	47.10
New York State Elec & Gas Corp	2,657	13,081	2.35	7.88	130.6	34.16	357	13,001	1.96	8.18	146.7	38.14
Goudey (NY).....	100	13,348	1.92	6.77	141.3	37.72	180	13,361	2.22	6.81	140.9	37.65
Greenidge (NY).....	164	13,137	1.55	7.36	143.2	37.62	48	13,136	1.50	7.32	143.8	37.78
Jennison (NY).....	—	—	—	—	—	—	111	12,454	1.47	10.71	161.5	40.22
Milliken (NY).....	776	12,928	2.60	8.40	131.1	33.90	—	—	—	—	—	—
Kintigh (NY).....	1,617	13,132	2.34	7.75	128.4	33.72	18	12,424	3.64	8.60	125.3	31.13
Niagara Mohawk Power Corp	2,865	13,168	1.85	7.21	132.3	34.84	71	12,876	1.63	8.88	145.3	37.42
Huntley (NY).....	1,579	13,142	1.66	6.93	137.9	36.25	71	12,876	1.63	8.88	145.3	37.42
Dunkirk (NY).....	1,286	13,200	2.08	7.55	125.4	33.11	—	—	—	—	—	—
Northern Indiana Pub Serv Co	6,543	9,956	1.44	7.28	133.6	26.60	1,328	9,386	.87	6.01	113.9	21.38
Bailly (IN).....	1,301	10,911	2.71	9.43	140.3	30.63	10	11,341	4.09	9.20	134.4	30.48
Mitchell (IN).....	820	8,994	.38	5.48	127.4	22.91	156	8,861	.26	4.66	107.2	19.00
Michigan City (IN).....	1,041	9,485	.53	5.77	135.0	25.61	58	10,869	3.23	8.06	118.3	25.71
Rollin Schahfer (IN).....	3,382	9,967	1.49	7.35	131.7	26.25	1,104	9,365	.81	6.06	114.3	21.41
Northern States Power Co	12,878	8,785	.42	6.38	108.0	18.97	211	9,896	.62	7.92	134.2	26.56
Black Dog (MN).....	837	8,771	.23	4.76	108.2	18.98	—	—	—	—	—	—
High Bridge (MN).....	757	8,862	.23	4.50	101.2	17.93	—	—	—	—	—	—
King (MN).....	1,732	8,798	.34	5.97	108.0	19.00	—	—	—	—	—	—
Riverside (MN).....	1,261	8,864	.23	4.48	96.4	17.09	—	—	—	—	—	—
Bay Front (WI).....	—	—	—	—	—	—	77	11,893	.65	6.05	165.7	39.41
Sherburne County (MN).....	8,291	8,765	.49	7.09	110.4	19.35	134	8,741	.60	9.00	109.4	19.13
Ohio Edison Co	3,826	11,933	1.09	13.49	125.2	29.89	3,555	11,607	1.66	15.82	97.5	22.63
Niles (OH).....	383	12,264	2.81	11.83	107.3	26.33	119	11,392	3.32	14.79	86.1	19.63
Burger (OH).....	113	12,036	3.07	12.28	98.8	23.79	738	11,313	2.20	16.50	89.0	20.15
Sammis (OH).....	3,330	11,891	.83	13.72	128.3	30.50	2,697	11,697	1.44	15.69	100.2	23.44
Ohio Power Co	13,565	11,717	2.82	11.76	148.4	34.78	897	12,223	1.03	12.60	116.6	28.51

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot						
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost		
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)	
Ohio Power Co													
Muskingum (OH).....	2,106	11,810	2.66	12.15	202.9	47.91	572	12,235	1.15	12.23	119.1	29.14	
Kammer (WV).....	1,891	12,266	3.34	10.77	86.4	21.20	—	—	—	—	—	—	—
Mitchell (WV).....	2,507	12,308	.77	11.84	153.2	37.70	325	12,203	.81	13.26	112.3	27.40	
Gavin (OH).....	7,061	11,333	3.46	11.87	147.6	33.46	—	—	—	—	—	—	—
Ohio Valley Electric Corp	2,385	13,166	1.91	7.16	118.3	31.14	455	12,399	2.43	9.26	103.8	25.74	
Kyger Creek (OH).....	2,385	13,166	1.91	7.16	118.3	31.14	455	12,399	2.43	9.26	103.8	25.74	
Oklahoma Gas & Electric Co	9,465	8,641	.30	4.95	82.7	14.28	—	—	—	—	—	—	—
Muskogee (OK).....	5,328	8,636	.29	4.94	84.3	14.56	—	—	—	—	—	—	—
Sooner (OK).....	4,137	8,648	.31	4.97	80.6	13.94	—	—	—	—	—	—	—
Omaha Public Power District	1,780	8,337	.32	4.83	71.8	11.97	1,990	8,659	.53	5.66	68.1	11.80	
North Omaha (NE).....	727	8,333	.32	4.82	73.2	12.20	1,308	8,662	.57	5.77	68.2	11.81	
Nebraska City (NE).....	1,054	8,340	.31	4.83	70.8	11.81	682	8,653	.45	5.45	68.0	11.76	
Orange & Rockland Utils Inc	607	12,876	.60	8.69	188.1	48.43	186	12,923	.59	8.39	183.6	47.47	
Lovett (NY).....	607	12,876	.60	8.69	188.1	48.43	186	12,923	.59	8.39	183.6	47.47	
Orlando Utilities Comm	1,716	12,681	1.20	9.43	183.6	46.56	594	12,711	1.34	10.09	169.5	43.08	
Stanton Energy (FL).....	1,716	12,681	1.20	9.43	183.6	46.56	594	12,711	1.34	10.09	169.5	43.08	
Orrville City of	190	11,580	3.68	10.69	97.8	22.66	—	—	—	—	—	—	—
Orrville (OH).....	190	11,580	3.68	10.69	97.8	22.66	—	—	—	—	—	—	—
Otter Tail Power Co	1,934	8,687	.63	8.88	92.0	15.99	296	9,293	.36	4.26	124.0	23.05	
Hoot Lake (MN).....	—	—	—	—	—	—	296	9,293	.36	4.26	124.0	23.05	
Big Stone (SD).....	1,934	8,687	.63	8.88	92.0	15.99	—	—	—	—	—	—	—
Owensboro City of	1,347	11,010	3.19	12.33	96.4	21.22	—	—	—	—	—	—	—
Smith (KY).....	1,347	11,010	3.19	12.33	96.4	21.22	—	—	—	—	—	—	—
PacifiCorp	28,284	9,424	.55	10.47	97.4	18.36	1,384	10,167	.47	8.38	75.8	15.42	
Carbon (UT).....	314	12,082	.48	9.10	61.8	14.92	355	11,757	.41	10.47	58.3	13.72	
Centralia (WA).....	4,549	7,971	.64	14.19	165.0	26.30	232	9,349	.39	4.28	121.3	22.67	
Johnston (WY).....	4,249	7,877	.48	8.64	54.2	8.54	—	—	—	—	—	—	—
Naughton (WY).....	2,632	9,855	.76	5.08	113.2	22.31	—	—	—	—	—	—	—
Wyodak (WY).....	2,153	7,996	.58	6.91	70.6	11.29	—	—	—	—	—	—	—
Emery-Hunter (UT).....	4,536	11,203	.45	11.79	88.0	19.71	—	—	—	—	—	—	—
Jim Bridger (WY).....	6,877	9,483	.59	10.22	108.6	20.60	797	9,698	.51	8.64	72.5	14.06	
Huntington (UT).....	2,974	11,378	.43	13.49	65.6	14.93	—	—	—	—	—	—	—
Painesville City of	94	12,473	2.51	7.40	138.4	34.52	—	—	—	—	—	—	—
Painesville (OH).....	94	12,473	2.51	7.40	138.4	34.52	—	—	—	—	—	—	—
Pennsylvania Electric Co	12,685	12,013	1.89	15.49	127.7	30.69	6,002	12,203	2.16	13.96	115.1	28.09	
Conemaugh (PA).....	2,149	12,621	2.11	12.56	124.4	31.41	2,550	12,457	2.31	13.08	112.8	28.11	
Homer City (PA).....	4,932	11,386	1.96	19.19	125.0	28.46	1,560	11,734	2.21	16.31	121.9	28.62	
Seward (PA).....	208	12,082	1.67	14.39	108.3	26.18	339	11,724	1.51	15.19	112.7	26.42	
Shawville (PA).....	1,142	12,227	1.87	13.59	114.4	27.98	491	12,258	1.76	13.85	114.2	27.99	
Warren (PA).....	110	12,184	1.86	13.03	123.0	29.97	55	12,111	1.86	12.95	124.6	30.18	
Keystone (PA).....	4,144	12,375	1.73	13.25	137.2	33.97	1,006	12,424	2.13	12.23	111.5	27.70	
Pennsylvania Power & Light Co	4,880	12,872	1.75	10.01	151.3	38.94	3,462	11,476	1.54	17.88	134.9	30.96	
Brunner Island (PA).....	2,685	13,075	1.60	8.07	154.3	40.35	67	12,611	1.22	11.83	151.0	38.07	
Holtwood (PA).....	—	—	—	—	—	—	225	8,020	.58	33.64	120.6	19.35	
Martins Creek (PA).....	—	—	—	—	—	—	648	13,182	1.71	7.79	131.0	34.53	
Montour (PA).....	1,900	12,700	1.96	12.12	145.5	36.96	1,581	12,459	1.99	13.75	146.1	36.41	
Sunbury (PA).....	295	12,131	1.74	14.15	160.4	38.92	941	9,396	.90	28.44	115.0	21.61	
Pennsylvania Power Co	6,750	11,921	3.40	13.30	161.4	38.48	—	—	—	—	—	—	—
New Castle (PA).....	789	11,490	1.61	14.83	111.8	25.69	—	—	—	—	—	—	—
Bruce Mansfield (PA).....	5,961	11,978	3.64	13.10	167.7	40.17	—	—	—	—	—	—	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
Philadelphia Electric Co	1,357	13,219	1.53	7.66	142.2	37.61	116	13,147	1.98	8.29	140.4	36.93
Cromby (PA)	343	13,171	1.54	7.69	141.7	37.33	49	13,294	1.89	7.37	140.7	37.41
Eddystone (PA)	1,014	13,236	1.52	7.65	142.4	37.70	67	13,040	2.05	8.96	140.2	36.57
Plains Elec Gen&Trans Coop Inc	1,071	9,177	.71	17.91	123.7	22.69	—	—	—	—	—	—
Escalante (NM)	1,071	9,177	.71	17.91	123.7	22.69	—	—	—	—	—	—
Platte River Power Authority	1,091	8,764	.22	5.31	74.2	13.01	—	—	—	—	—	—
Rawhide (CO)	1,091	8,764	.22	5.31	74.2	13.01	—	—	—	—	—	—
Portland General Electric Co	—	—	—	—	—	—	875	8,757	.33	5.41	113.9	19.95
Boardman (OR)	—	—	—	—	—	—	875	8,757	.33	5.41	113.9	19.95
Potomac Edison Co	—	—	—	—	—	—	108	12,348	.97	12.49	130.5	32.22
Smith (MD)	—	—	—	—	—	—	108	12,348	.97	12.49	130.5	32.22
Potomac Electric Power Co	3,175	13,048	1.33	9.18	159.5	41.61	2,444	13,083	1.32	8.28	158.0	41.35
Chalk (MD)	633	13,106	1.42	9.44	167.4	43.89	676	13,284	1.24	8.31	161.2	42.82
Dickerson (MD)	1,000	13,008	1.44	9.07	141.4	36.80	99	12,972	1.46	8.99	151.8	39.38
Morgantown (MD)	1,020	13,098	1.47	9.20	173.6	45.48	1,418	13,022	1.45	8.25	158.7	41.32
Potomac River (VA)	522	12,953	.75	9.04	156.3	40.49	251	12,925	.72	8.07	148.0	38.26
Public Service Co of Colorado	8,908	9,726	.38	6.93	95.6	18.60	646	9,417	.31	5.96	97.2	18.31
Araphoe (CO)	764	9,073	.31	5.56	85.3	15.48	13	10,283	.33	7.78	99.1	20.37
Cameo (CO)	266	10,778	.57	15.87	86.3	18.61	—	—	—	—	—	—
Cherokee (CO)	1,959	11,326	.48	9.96	111.4	25.23	141	10,191	.39	9.18	90.4	18.43
Comanche (CO)	2,196	8,604	.25	4.31	95.5	16.43	321	8,585	.25	4.34	96.5	16.57
Valmont (CO)	309	11,317	.47	9.67	125.7	28.46	160	10,409	.36	6.29	104.6	21.78
Hayden (CO)	1,632	10,657	.41	7.92	80.7	17.21	—	—	—	—	—	—
Pawnee (CO)	1,782	8,346	.38	4.68	89.2	14.89	11	8,315	.43	4.78	87.7	14.59
PSI Energy Inc	10,606	11,181	1.93	9.24	115.3	25.78	3,408	11,114	1.50	8.54	114.7	25.50
Cayuga (IN)	2,710	10,950	1.74	9.79	121.0	26.50	264	11,080	1.27	7.91	127.1	28.16
Edwardsport (IN)	—	—	—	—	—	—	251	11,150	1.91	8.57	95.9	21.39
Noblesville (IN)	—	—	—	—	—	—	161	11,252	2.25	8.30	118.0	26.56
Gallagher (IN)	855	13,088	2.25	7.80	104.7	27.40	130	11,851	1.29	7.29	122.4	29.01
Wabash River (IN)	1,137	10,882	1.67	9.38	109.2	23.77	672	10,923	1.40	8.31	114.0	24.90
Gibson Station (IN)	5,905	11,070	2.02	9.17	115.6	25.60	1,929	11,119	1.47	8.80	114.9	25.56
Public Service Co of NH	995	13,248	1.66	6.90	162.6	43.07	633	12,750	1.05	6.84	164.3	41.91
Merrimack (NH)	995	13,248	1.66	6.90	162.6	43.07	199	13,088	1.19	6.57	172.7	45.21
Schiller (NH)	—	—	—	—	—	—	434	12,596	.98	6.97	160.3	40.39
Public Service Co of NM	6,856	9,319	.87	24.46	158.9	29.62	—	—	—	—	—	—
San Juan (NM)	6,856	9,319	.87	24.46	158.9	29.62	—	—	—	—	—	—
Public Service Co of Oklahoma	4,062	8,816	.26	4.53	112.4	19.82	—	—	—	—	—	—
Northeastern (OK)	4,062	8,816	.26	4.53	112.4	19.82	—	—	—	—	—	—
Public Service Electric&Gas Co	1,096	13,615	.79	6.40	174.6	47.54	205	11,726	.88	12.32	163.6	38.36
Hudson (NJ)	290	12,797	.81	9.74	172.3	44.09	130	12,345	.94	11.98	162.5	40.13
Mercer (NJ)	806	13,910	.78	5.19	175.4	48.79	75	10,657	.78	12.90	165.6	35.30
Richmond City of	204	11,047	2.27	9.04	160.4	35.44	41	11,487	1.82	11.16	132.9	30.54
Whitewater (IN)	204	11,047	2.27	9.04	160.4	35.44	41	11,487	1.82	11.16	132.9	30.54
Rochester Public Utilities	114	11,878	1.34	7.50	163.1	38.74	5	11,437	1.43	8.20	148.9	34.05
Silver Lake (MN)	114	11,878	1.34	7.50	163.1	38.74	5	11,437	1.43	8.20	148.9	34.05
Rochester Gas & Electric Corp	618	13,325	2.22	7.06	139.8	37.26	—	—	—	—	—	—
Russell Station 7 (NY)	618	13,325	2.22	7.06	139.8	37.26	—	—	—	—	—	—
Salt River Proj Ag I & P Dist	8,046	10,771	.53	10.03	143.9	31.00	695	9,718	.44	14.74	132.7	25.79

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot						
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost		
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)	
Salt River Proj Ag I & P Dist													
Navajo (AZ).....	6,646	10,945	0.55	9.28	118.6	25.97	—	—	—	—	—	—	—
Coronado (AZ).....	1,400	9,949	.44	13.56	275.8	54.87	695	9,718	0.44	14.74	132.7	25.79	—
San Antonio City of.....	4,781	8,350	.36	6.00	97.2	16.23	73	11,603	.34	3.89	176.9	41.06	—
JT Deely/Spruce (TX).....	4,781	8,350	.36	6.00	97.2	16.23	73	11,603	.34	3.89	176.9	41.06	—
San Miguel Electric Coop Inc.....	3,427	5,275	1.80	26.91	82.7	8.72	—	—	—	—	—	—	—
San Miguel (TX).....	3,427	5,275	1.80	26.91	82.7	8.72	—	—	—	—	—	—	—
Savannah Electric & Power Co.....	—	—	—	—	—	—	658	11,295	1.05	13.78	138.2	31.23	—
Kraft (GA).....	—	—	—	—	—	—	279	11,949	1.28	7.72	135.1	32.29	—
McIntosh (GA).....	—	—	—	—	—	—	379	10,813	.89	18.24	140.8	30.44	—
Seminole Electric Coop Inc.....	2,099	11,920	2.88	7.86	188.9	45.02	1,821	12,325	2.81	7.68	160.4	39.54	—
Seminole (FL).....	2,099	11,920	2.88	7.86	188.9	45.02	1,821	12,325	2.81	7.68	160.4	39.54	—
Sierra Pacific Power Co.....	792	11,314	.35	8.61	203.0	45.94	391	11,980	.58	9.28	109.1	26.14	—
North Valmy (NV).....	792	11,314	.35	8.61	203.0	45.94	391	11,980	.58	9.28	109.1	26.14	—
Sikeston City of.....	552	11,218	2.81	9.98	99.8	22.39	391	8,763	.36	5.28	98.5	17.26	—
Sikeston (MO).....	552	11,218	2.81	9.98	99.8	22.39	391	8,763	.36	5.28	98.5	17.26	—
South Carolina Electric&Gas Co.....	3,876	12,893	1.16	9.02	155.3	40.04	1,261	12,559	1.29	10.02	149.1	37.45	—
Canadys (SC).....	376	12,810	1.45	9.18	154.1	39.48	36	12,378	1.37	11.60	150.3	37.21	—
Mcmeekin (SC).....	433	13,160	1.45	9.36	152.2	40.05	70	12,618	1.25	9.77	149.1	37.63	—
Urguhart (SC).....	316	12,958	1.39	8.99	152.5	39.52	86	12,871	1.24	10.36	147.7	38.03	—
Wateree (SC).....	785	12,674	1.36	11.11	149.1	37.80	624	12,497	1.34	9.95	148.7	37.17	—
Williams (SC).....	1,475	12,958	.77	7.36	161.3	41.80	108	12,786	1.02	8.15	154.3	39.47	—
Cope (SC).....	491	12,835	1.35	10.28	152.4	39.12	337	12,527	1.30	10.52	148.4	37.18	—
South Carolina Pub Serv Auth.....	4,800	12,905	1.24	8.21	136.1	35.13	1,240	13,227	1.07	6.82	137.5	36.37	—
Cross (SC).....	1,837	12,884	1.17	8.30	135.2	34.85	870	13,214	1.07	6.86	137.8	36.41	—
Grainger (SC).....	154	13,155	1.47	6.74	151.9	39.95	—	—	—	—	—	—	—
Jefferies (SC).....	581	13,237	1.54	6.43	132.1	34.96	10	13,148	1.57	7.40	129.6	34.08	—
Winyah (SC).....	2,229	12,819	1.19	8.70	136.8	35.07	359	13,262	1.07	6.70	137.0	36.34	—
South Mississippi El Pwr Assn.....	858	12,356	.95	9.09	207.8	51.36	116	12,469	1.01	10.53	156.1	38.93	—
R D Morrow (MS).....	858	12,356	.95	9.09	207.8	51.36	116	12,469	1.01	10.53	156.1	38.93	—
Southern California Edison Co.....	4,399	10,933	.51	10.31	134.1	29.33	—	—	—	—	—	—	—
Mohave (NV).....	4,399	10,933	.51	10.31	134.1	29.33	—	—	—	—	—	—	—
Southern Illinois Power Coop.....	554	11,363	3.78	15.38	99.0	22.50	297	8,333	2.10	24.90	52.0	8.67	—
Marion (IL).....	554	11,363	3.78	15.38	99.0	22.50	297	8,333	2.10	24.90	52.0	8.67	—
Southern Indiana Gas & Elec Co.....	—	—	—	—	—	—	2,963	11,372	3.32	8.90	91.2	20.75	—
Culley (IN).....	—	—	—	—	—	—	1,044	11,294	3.11	9.18	91.4	20.65	—
A B Brown (IN).....	—	—	—	—	—	—	1,387	11,527	3.85	8.44	89.2	20.57	—
Warrick (IN).....	—	—	—	—	—	—	532	11,125	2.37	9.53	96.4	21.44	—
Southwestern Electric Power Co.....	9,144	7,559	.93	8.94	148.1	22.39	2,562	8,507	.38	4.96	133.1	22.64	—
Flint Creek (AR).....	1,214	8,378	.36	4.65	167.2	28.01	800	8,608	.37	4.93	117.3	20.19	—
Welsh Station (TX).....	3,798	8,379	.35	4.61	183.3	30.72	1,762	8,461	.38	4.98	140.4	23.76	—
Pirkey (TX).....	4,132	6,563	1.64	14.19	99.6	13.07	—	—	—	—	—	—	—
Southwestern Public Service Co.....	8,866	8,677	.35	5.32	185.6	32.21	142	8,661	.33	5.38	100.8	17.46	—
Harrington (TX).....	4,547	8,700	.36	5.32	166.2	28.91	—	—	—	—	—	—	—
Tolk (TX).....	4,319	8,653	.35	5.32	206.2	35.69	142	8,661	.33	5.38	100.8	17.46	—
Springfield City of.....	1,195	10,464	3.20	9.16	115.2	24.10	—	—	—	—	—	—	—
Dallman (IL).....	1,100	10,463	3.20	9.17	115.1	24.08	—	—	—	—	—	—	—
Lakeside (IL).....	95	10,478	3.16	9.13	116.5	24.42	—	—	—	—	—	—	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
Springfield City of	1,215	9,318	0.32	4.59	117.7	21.93	—	—	—	—	—	—
James River (MO).....	660	9,702	.40	4.68	123.5	23.97	—	—	—	—	—	—
Southwest (MO).....	555	8,862	.23	4.48	110.0	19.50	—	—	—	—	—	—
St Joseph Light & Power Co	—	—	—	—	—	—	387	10,532	2.40	8.00	103.5	21.80
Lakeroad (MO).....	—	—	—	—	—	—	387	10,532	2.40	8.00	103.5	21.80
Sunflower Electric Coop Inc	1,112	8,440	.34	5.31	115.6	19.51	—	—	—	—	—	—
Holcomb (KS).....	1,112	8,440	.34	5.31	115.6	19.51	—	—	—	—	—	—
Tacoma Public Utilities	—	—	—	—	—	—	11	10,208	.46	12.96	169.0	34.51
Steam No.2 (WA).....	—	—	—	—	—	—	11	10,208	.46	12.96	169.0	34.51
Tampa Electric Co³	5,079	11,617	1.83	7.27	176.5	41.02	3,064	11,108	2.10	7.92	131.8	29.29
Gannon (FL).....	961	12,781	1.23	7.61	245.1	62.64	—	—	—	—	—	—
Davant Transfer (LA).....	4,118	11,345	1.97	7.19	158.5	35.97	3,064	11,108	2.10	7.92	131.8	29.29
Tennessee Valley Authority⁴	32,099	11,622	2.33	11.73	109.8	25.52	11,811	11,633	2.01	9.47	112.6	26.20
Colbert (AL).....	1,783	12,243	1.67	12.04	113.2	27.72	202	12,267	.76	11.60	133.3	32.71
Widows Creek (AL).....	1,466	12,036	2.36	12.87	119.5	28.77	1,391	12,020	3.07	10.17	113.7	27.33
Paradise (KY).....	6,830	10,519	4.48	19.91	91.2	19.19	1,521	11,577	2.49	8.63	102.4	23.71
Shawnee (KY).....	2,595	11,525	.53	9.48	128.9	29.72	769	10,893	1.71	9.47	113.1	24.64
Bull Run (TN).....	2,075	12,608	1.47	9.42	110.3	27.81	321	12,364	1.34	10.71	116.1	28.70
Cumberland (TN).....	7,240	11,613	2.85	9.00	106.0	24.62	787	11,922	3.00	10.60	109.5	26.10
Gallatin (TN).....	541	12,360	2.39	10.68	121.0	29.91	882	12,185	2.69	8.27	115.0	28.02
Sevier (TN).....	1,716	12,790	1.61	10.13	126.6	32.39	373	12,361	2.20	12.64	122.5	30.30
Johnsonville (TN).....	1,378	12,234	1.90	9.11	106.4	26.04	1,410	12,047	1.70	9.68	124.6	30.02
Kingston (TN).....	2,444	12,562	1.24	9.26	120.5	30.27	1,400	12,502	1.29	9.25	122.4	30.60
GRT Terminal (TN).....	1,461	11,393	1.19	8.62	111.9	25.49	2,209	10,944	1.73	9.66	104.7	22.92
Cora Transfer (TN).....	1,644	10,909	.48	7.11	111.3	24.27	498	8,730	.45	5.86	82.5	14.40
Cahokia (AL).....	926	11,689	.51	8.79	114.1	26.67	47	10,134	.43	7.17	109.4	22.17
Texas Municipal Power Agency	—	—	—	—	—	—	1,824	8,678	.31	5.31	121.5	21.09
Gibbons Creek (TX).....	—	—	—	—	—	—	1,824	8,678	.31	5.31	121.5	21.09
Texas-New Mexico Power Co	1,756	6,807	.82	15.24	139.7	19.03	—	—	—	—	—	—
TNP One (Tx).....	1,756	6,807	.82	15.24	139.7	19.03	—	—	—	—	—	—
Texas Utilities Electric Co⁵	33,272	6,541	.90	14.39	98.9	12.94	—	—	—	—	—	—
Big Brown (TX).....	5,126	6,627	.74	15.90	101.8	13.49	—	—	—	—	—	—
Martin Lake (TX).....	13,056	6,596	1.24	12.06	83.8	11.06	—	—	—	—	—	—
Monticello (TX).....	11,546	6,383	.48	16.02	115.7	14.77	—	—	—	—	—	—
Sandow No 4 (TX).....	3,544	6,730	1.22	15.46	97.4	13.11	—	—	—	—	—	—
Toledo Edison Co	477	9,157	.34	4.75	128.5	23.54	1,062	10,131	.46	6.43	132.5	26.84
Bay Shore (OH).....	477	9,157	.34	4.75	128.5	23.54	1,062	10,131	.46	6.43	132.5	26.84
Tri State G & T Assn Inc	3,998	10,228	.42	7.47	112.2	22.94	551	10,225	.40	6.55	61.5	12.58
Nucla (CO).....	386	10,752	.90	19.83	82.6	17.76	—	—	—	—	—	—
Craig (CO).....	3,612	10,172	.37	6.14	115.5	23.50	551	10,225	.40	6.55	61.5	12.58
Tucson Electric Power Co	3,563	9,378	.69	16.97	150.3	28.20	—	—	—	—	—	—
Irvington (AZ).....	351	9,951	.43	13.45	190.5	37.92	—	—	—	—	—	—
Springerville (AZ).....	3,212	9,315	.71	17.36	145.7	27.14	—	—	—	—	—	—
Union Electric Co	9,001	9,081	.58	5.43	102.3	18.58	5,617	8,775	.40	5.12	89.1	15.64
Labadie (MO).....	4,447	8,755	.35	4.93	90.9	15.92	2,925	8,848	.39	5.13	88.0	15.57
Meramec (MO).....	926	10,776	.95	6.35	130.7	28.18	193	9,094	.34	5.10	112.8	20.52
Sioux (MO).....	1,769	9,665	1.24	6.59	118.6	22.92	617	8,771	.52	5.26	89.6	15.72
Rush Island (MO).....	1,859	8,460	.32	5.08	94.7	16.03	1,882	8,631	.38	5.07	88.2	15.23
United Illuminating Co	870	13,116	.53	7.34	192.0	50.36	82	13,299	.63	5.67	174.7	46.46
Bridgeport Harbor (CT).....	870	13,116	.53	7.34	192.0	50.36	82	13,299	.63	5.67	174.7	46.46

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 30. Receipts and Average Delivered Cost of Coal by Type of Purchase, Electric Utility, and Plant, 1997 (Continued)

Electric Utility Plant (State)	Contract						Spot					
	Receipts (1000 short tons)	Average Quality			Average Delivered Cost		Receipts (1000 short tons)	Average Quality			Average Delivered Cost	
		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)		Btu (per pound)	Sulfur (percent by weight)	Ash (percent by weight)	(cents per million Btu)	(\$ per short ton)
United Power Assn	1,041	6,643	0.69	8.36	73.5	9.77	—	—	—	—	—	—
Stanton (ND).....	1,041	6,643	.69	8.36	73.5	9.77	—	—	—	—	—	—
UtiliCorp United Inc	1,386	9,876	.45	6.33	95.8	18.93	—	—	—	—	—	—
Sibley (MO).....	1,386	9,876	.45	6.33	95.8	18.93	—	—	—	—	—	—
Vineland City of	16	12,925	.77	6.35	192.4	49.75	—	—	—	—	—	—
H M Down (NJ).....	16	12,925	.77	6.35	192.4	49.75	—	—	—	—	—	—
Virginia Electric & Power Co	9,649	12,413	1.28	12.96	129.2	32.08	2,952	12,531	1.26	11.60	137.4	34.43
Bremo Bluff (VA).....	547	11,888	.93	14.47	138.4	32.90	19	13,150	1.50	7.96	145.5	38.26
Chesterfield (VA).....	1,805	12,472	1.01	11.17	143.3	35.75	1,085	12,590	1.22	10.62	140.8	35.46
Chesapeake Energy (VA).....	1,197	12,820	1.13	10.80	142.5	36.53	538	12,609	1.11	11.35	139.6	35.22
Possum Point (VA).....	645	12,359	.92	12.31	145.0	35.85	171	12,687	1.28	11.23	141.7	35.96
Yorktown (VA).....	240	12,373	1.01	11.39	149.2	36.92	493	12,500	1.45	11.52	145.7	36.42
Mount Storm (WV).....	3,572	12,246	1.70	15.35	111.0	27.18	386	12,134	1.41	15.33	112.5	27.29
Clover (VA).....	1,644	12,614	1.08	11.25	130.9	33.02	260	12,620	1.06	11.29	134.8	34.03
West Penn Power Co	4,849	12,738	2.19	9.67	134.6	34.30	135	12,250	1.99	10.93	107.4	26.30
Armstrong (PA).....	770	12,625	1.82	9.10	111.8	28.23	135	12,250	1.99	10.93	107.4	26.30
Hatfield (PA).....	3,467	12,856	2.09	9.50	140.3	36.08	—	—	—	—	—	—
Mitchell (PA).....	611	12,210	3.25	11.36	130.4	31.85	—	—	—	—	—	—
West Texas Utilities Co	1,904	8,458	.43	5.24	153.4	25.96	731	8,447	.43	5.33	98.8	16.68
Oklahoma (TX).....	1,904	8,458	.43	5.24	153.4	25.96	731	8,447	.43	5.33	98.8	16.68
Western Farmers Elec Coop Inc	1,043	8,578	.25	4.43	100.1	17.17	63	9,123	.43	6.68	121.8	22.22
Hugo (OK).....	1,043	8,578	.25	4.43	100.1	17.17	63	9,123	.43	6.68	121.8	22.22
Wisconsin Electric Power Co	8,424	9,598	.55	6.37	109.9	21.10	2,437	11,550	.90	7.05	131.4	30.36
Presque Isle (MI).....	1,464	10,193	.53	7.36	150.4	30.66	253	11,300	.61	9.37	146.1	33.02
Oak Creek (WI).....	508	12,199	.56	13.93	156.3	38.14	1,891	11,419	.92	6.61	128.3	29.31
Port Washington (WI).....	358	13,237	1.38	6.85	145.2	38.43	281	12,784	1.07	8.00	139.8	35.76
Valley (WI).....	728	13,185	1.69	7.05	150.7	39.74	—	—	—	—	—	—
Pleasant Prairie (WI).....	5,365	8,459	.34	5.25	78.0	13.20	13	8,664	.23	5.80	78.1	13.53
Wisconsin Power & Light Co	7,539	8,664	.43	5.66	105.2	18.23	964	9,542	.52	5.76	123.7	23.61
Edgewater (WI).....	1,886	8,547	.35	5.55	122.1	20.87	668	9,461	.49	6.03	123.2	23.31
Nelson Dewey (WI).....	456	9,380	.36	4.11	121.0	22.71	211	9,887	.62	5.26	123.8	24.49
Rock River (WI).....	275	9,411	.36	4.02	120.8	22.74	86	9,321	.52	4.88	127.3	23.73
Columbia (WI).....	4,922	8,601	.47	5.93	96.2	16.55	—	—	—	—	—	—
Wisconsin Public Service Corp	3,290	8,833	.25	4.73	106.4	18.79	66	8,759	.40	5.43	91.7	16.07
Pulliam (WI).....	1,352	8,846	.21	4.53	99.8	17.66	55	8,760	.41	5.40	90.2	15.80
Weston (WI).....	1,938	8,824	.27	4.86	110.9	19.58	11	8,752	.37	5.60	99.5	17.42
Wyandotte Municipal Serv Comm	119	12,637	1.17	10.29	148.2	37.46	—	—	—	—	—	—
Wyandotte (MI).....	119	12,637	1.17	10.29	148.2	37.46	—	—	—	—	—	—
Total	721,482	10,071	1.05	9.35	128.7	25.93	159,106	11,197	1.39	9.43	121.4	27.19

¹ Most coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping Facility.

² The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from the transfer facility to the Crystal River power plant. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

³ The cost reported under Davant Transfer (Louisiana) is the weighted average cost of coal delivered to this facility located in Louisiana. The Tampa Electric Company incurs additional costs for transporting this coal from Davant to its power plants which are located in Florida. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

⁴ Coal reported as delivered to the Cahokia, Cora, and GRT transfer facilities is later transferred to individual electric plants located in Alabama, Kentucky, and Tennessee. The cost of transportation from these facilities to the electric plants is not included in the costs shown in this report. Coal delivered to Cahokia is later transferred primarily to the Colbert and Widows Creek plants in Alabama. Approximately 90 percent of the coal delivered to the Cora facility is transferred to the Allen plant. Most of the remaining coal is transferred to the Paradise plant. All coal delivered to the Cora facility is shown in this report as being delivered to Tennessee. Approximately 60 percent of the coal delivered to the GRT facility is later delivered to the Gallatin plant. Widdows Creek, Johnsonville, Paradise, and Cumberland each receive approximately 8 percent. Colbert and Shawnee each receive approximately 4 percent. All coal delivered to GRT is shown in this report as being delivered to Tennessee.

⁵ Data for Texas Utilities Electric Company include lignite delivered for the Aluminium Company of America (ALCOA) portion of Unit 4 of the Sandow Plant.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Alabama Electric Coop Inc	1,413	140.1	33.96	1.82	8	490.7	26.89	0.05	—	—	—	100	*	—
Lowman (AL).....	1,413	140.1	33.96	1.82	8	490.7	26.89	.05	—	—	—	100	*	—
Alabama Power Co³	23,151	164.5	37.62	.88	67	408.1	24.03	.00	1,194	277.2	2.86	100	*	*
Barry (AL).....	3,147	183.3	44.52	.78	—	—	—	—	294	300.2	3.25	100	—	*
Gadsden (AL).....	220	168.5	43.53	2.01	*	572.8	33.80	.00	61	272.7	2.76	99	*	1
Gorgas 2 and 3 (AL).....	4,640	159.9	38.89	1.58	20	397.1	23.40	.00	—	—	—	100	*	—
Greene (AL).....	1,321	125.7	30.67	1.55	6	419.8	24.70	.00	2	347.3	3.57	100	*	*
Gaston (AL).....	4,231	168.6	41.38	.95	35	393.2	23.16	.00	—	—	—	100	*	—
James Miller (AL).....	9,591	163.8	33.91	.42	6	522.4	30.58	.00	837	268.7	2.72	100	*	*
Alexandria City of	—	—	—	—	—	—	—	—	609	248.5	2.60	—	—	100
Alexandria-Hunter (LA).....	—	—	—	—	—	—	—	—	609	248.5	2.60	—	—	100
American Mun Power Ohio Inc	737	83.5	19.37	5.06	—	—	—	—	81	347.2	3.61	100	—	*
Gorsuch (OH).....	737	83.5	19.37	5.06	—	—	—	—	81	347.2	3.61	100	—	*
Ames City of	225	147.4	26.09	.22	5	467.8	26.97	.20	—	—	—	99	1	—
Ames (IA).....	225	147.4	26.09	.22	5	467.8	26.97	.20	—	—	—	99	1	—
Anchorage City of	—	—	—	—	—	—	—	—	7,116	187.1	1.87	—	—	100
George Sullivan (AK).....	—	—	—	—	—	—	—	—	7,116	187.1	1.87	—	—	100
Appalachian Power Co	10,954	146.5	36.38	.75	209 ²	447.5	26.08	*	—	—	—	100	*	—
Clinch River (VA).....	1,934	129.9	32.34	.77	8	449.1	26.50	.03	—	—	—	100	*	—
Glen Lyn (VA).....	579	139.2	35.28	.89	20	476.9	27.78	.00	—	—	—	99	1	—
Amos (WV).....	5,059	152.5	37.61	.78	129	417.1	24.37	.00	—	—	—	99	1	—
Kanawha River (WV).....	941	136.7	35.89	.78	2	552.6	32.24	.01	—	—	—	100	*	—
Mountaineer (WV).....	2,441	153.1	37.46	.64	49	511.4	29.55	*	—	—	—	100	*	—
Arizona Electric Pwr Coop Inc	1,296	113.3	21.93	.56	—	—	—	—	937	233.8	2.38	96	—	4
Apache (AZ).....	1,296	113.3	21.93	.56	—	—	—	—	937	233.8	2.38	96	—	4
Arizona Public Service Co	11,035	121.7	22.16	.68	38	434.3	26.10	.18	13,310 ²	299.1	3.03	94	*	6
Cholla (AZ).....	3,187	143.9	28.15	.43	9	458.2	26.58	.10	25	376.4	3.84	100	*	*
Ocotillo (AZ).....	—	—	—	—	—	—	—	—	2,545	288.5	2.92	—	—	100
Phoenix (AZ).....	—	—	—	—	29	427.2	25.96	.20	4,470	312.4	3.17	—	4	96
Saguaro (AZ).....	—	—	—	—	—	—	—	—	1,513	287.4	2.93	—	—	100
Yucca (AZ).....	—	—	—	—	—	—	—	—	3,287	256.4	2.59	—	—	100
Four Corners (NM).....	7,848	111.6	19.73	.78	—	—	—	—	1,470	382.5	3.87	99	—	1
Arkansas Power & Light Co	9,865	167.3	29.30	.32	68	472.0	27.77	.32	17,490	261.9	2.70	90	*	9
Couch (AR).....	—	—	—	—	—	—	—	—	3,353	222.1	2.43	—	—	100
Lake Catherine (AR).....	—	—	—	—	—	—	—	—	7,081	285.9	2.90	—	—	100
Ritchie (AR).....	—	—	—	—	—	—	—	—	7,057	258.2	2.62	—	—	100
Whitebluff (AR).....	4,846	179.8	31.34	.43	31	463.2	27.25	.29	—	—	—	100	*	—
Independence (AR).....	5,019	155.4	27.33	.21	36	479.6	28.21	.34	—	—	—	100	*	—
Associated Electric Coop Inc	8,423	85.5	14.94	.22	—	—	—	—	—	—	—	100	—	—
Madrid (MO).....	4,196	96.5	16.95	.23	—	—	—	—	—	—	—	100	—	—
Hill (MO).....	4,227	74.4	12.95	.21	—	—	—	—	—	—	—	100	—	—
Atlantic City Electric Co	769	179.7	45.61	2.01	203	319.0	20.09	.75	607 ²	327.5	3.41	91	6	3
England (NJ).....	580	178.9	45.32	2.43	202	318.1	20.04	.75	—	—	—	92	8	—
Deepwater (NJ).....	190	182.2	46.51	.70	1	470.4	26.86	.09	607	327.5	3.41	88	*	12
Austin City of	—	—	—	—	—	—	—	—	26,376 ²	275.5	2.82	—	—	100
Decker Creek (TX).....	—	—	—	—	—	—	—	—	21,066	274.9	2.81	—	—	100
Holly (TX).....	—	—	—	—	—	—	—	—	5,310	278.2	2.85	—	—	100
Baltimore Gas & Electric Co	5,185	141.2	36.06	.87	214	307.3	19.27	.88	896	318.1	3.31	98	1	1
Brandon Shores (MD).....	3,356	141.9	35.73	.68	19	423.8	24.72	.13	—	—	—	100	*	—
Crane (MD).....	745	138.7	36.78	1.78	3	414.0	24.21	.12	—	—	—	100	*	—
Gould St (MD).....	—	—	—	—	24	319.0	20.17	.98	216	315.4	3.28	—	40	60

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Baltimore Gas & Electric Co														
Wagner (MD)	1,084	141.0	36.59	0.84	168	291.7	18.44	0.96	559	319.6	3.32	94	4	2
Riverside (MD).....	—	—	—	—	—	—	—	—	122	315.8	3.28	—	—	100
Basin Electric Power Coop	15,053	68.8	10.05	.58	98	496.8	28.77	.34	—	—	—	100	*	—
Leland Olds (ND).....	3,688	81.4	10.90	.69	18	455.5	26.38	.34	—	—	—	100	*	—
Laramie River (WY).....	5,993	51.9	8.72	.39	68	510.4	29.56	.34	—	—	—	100	*	—
Antelope Valley (ND).....	5,372	84.2	10.94	.70	13	482.7	27.95	.34	—	—	—	100	*	—
Big Rivers Electric Corp	5,168	99.8	22.75	2.78	24	443.3	25.69	.00	50	389.0	3.89	100	*	*
Coleman (KY).....	1,455	111.7	25.94	1.70	—	—	—	—	50	389.0	3.89	100	—	*
Reid-Henderson (KY).....	990	100.5	23.29	2.80	20	440.0	25.50	.00	—	—	—	100	*	—
R D Green (KY).....	1,484	88.1	19.50	3.36	—	—	—	—	—	—	—	100	—	*
Wilson (KY).....	1,238	98.7	22.46	3.33	5	456.8	26.48	.00	—	—	—	100	*	—
Black Hills Corp	500	50.1	8.01	.69	2	521.1	31.27	.04	—	—	—	100	*	—
Neal Simpson II (WY).....	500	50.1	8.01	.69	2	521.1	31.27	.04	—	—	—	100	*	—
Boston Edison Co	—	—	—	—	6,355	260.0	16.57	.92	35,413	311.8	3.24	—	52	48
Mystic (MA).....	—	—	—	—	6,355	260.0	16.57	.92	2,691	249.5	2.73	—	93	7
New Boston (MA).....	—	—	—	—	—	—	—	—	32,721	317.2	3.28	—	—	100
Braintree City of	—	—	—	—	1	422.0	24.57	.20	923	279.3	2.87	—	*	100
Potter Station (MA).....	—	—	—	—	1	422.0	24.57	.20	923	279.3	2.87	—	*	100
Brazos Electric Power Coop Inc	—	—	—	—	—	—	—	—	15,250	254.3	2.61	—	—	100
North Texas (TX).....	—	—	—	—	—	—	—	—	273	260.2	2.82	—	—	100
Miller (TX).....	—	—	—	—	—	—	—	—	14,977	254.2	2.60	—	—	100
Bryan City of	—	—	—	—	—	—	—	—	5,622	239.8	2.47	—	—	100
Bryan (TX).....	—	—	—	—	—	—	—	—	1,326	238.5	2.51	—	—	100
Dansby (TX).....	—	—	—	—	—	—	—	—	4,296	240.3	2.45	—	—	100
Burbank City of	—	—	—	—	—	—	—	—	1,970	306.1	3.10	—	—	100
Magnolia-Olive (CA).....	—	—	—	—	—	—	—	—	1,970	306.1	3.10	—	—	100
Burlington City of	—	—	—	—	2	453.5	26.04	.06	34	312.1	3.16	98	*	1
J C McNeil (VT).....	—	—	—	—	2	453.5	26.04	.06	34	312.1	3.16	98	*	1
Cajun Electric Power Coop Inc	5,762	154.9	26.23	.45	58	411.3	24.18	.01	4,025	239.8	2.52	96	*	4
Big Cajun No.1 (LA).....	—	—	—	—	—	—	—	—	4,025	239.8	2.52	—	—	100
Big Cajun No.2 (LA).....	5,762	154.9	26.23	.45	58	411.3	24.18	.01	—	—	—	100	*	—
Cambridge Electric Light Co	—	—	—	—	147	354.2	22.00	.47	934	311.3	3.11	—	49	51
Kendall Square (MA).....	—	—	—	—	147	354.2	22.00	.47	934	311.3	3.11	—	49	51
Canal Electric Co	—	—	—	—	7,612	255.2	16.26	.95	108	237.6	2.44	—	100	*
Canal (MA).....	—	—	—	—	7,612	255.2	16.26	.95	108	237.6	2.44	—	100	*
Cardinal Operating Co	4,066	167.6	40.66	1.91	33	431.1	25.15	.07	—	—	—	100	*	—
Cardinal (OH).....	4,066	167.6	40.66	1.91	33	431.1	25.15	.07	—	—	—	100	*	—
Carolina Power & Light Co	10,529	151.1	37.04	.89	220	429.0	24.87	.20	—	—	—	100	*	—
Asheville (NC).....	961	138.8	34.99	1.09	8	422.4	24.48	.20	—	—	—	100	*	—
Cape Fear (NC).....	664	150.0	36.82	.96	31	418.7	24.27	.20	—	—	—	99	1	—
Lee (NC).....	563	152.8	37.82	.92	30	432.9	25.09	.20	—	—	—	99	1	—
Roxboro (NC).....	5,120	149.6	36.74	.85	75	446.7	25.89	.20	—	—	—	100	*	—
Sutton (NC).....	790	149.1	37.20	1.08	38	424.8	24.62	.20	—	—	—	99	1	—
Weatherspoon (NC).....	293	157.7	39.04	1.01	9	401.9	23.29	.20	—	—	—	99	1	—
Robinson (SC).....	257	144.6	33.90	1.39	5	473.4	27.44	.20	—	—	—	99	1	—
Mayo (NC).....	1,880	162.6	38.82	.68	23	389.4	22.57	.20	—	—	—	100	*	—
Cedar Falls City of	28	157.9	36.41	2.25	—	—	—	—	14	358.8	3.59	98	—	2
Streeter (IA).....	28	157.9	36.41	2.25	—	—	—	—	14	358.8	3.59	98	—	2

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Central Electric Pwr Coop-MO	140	131.9	28.90	2.77								100		
Chamois (MO).....	140	131.9	28.90	2.77								100		
Central Hudson Gas & Elec Corp	816	174.6	45.85	.64	2,292	265.8	16.89	1.21	7,280	272.6	2.77	49	34	17
Danskammer (NY).....	816	174.6	45.85	.64					972	267.9	2.72	96		4
Roseton (NY).....					2,292	265.8	16.89	1.21	6,308	273.3	2.77		69	31
Central Illinois Light Co	2,655	151.2	33.25	2.65	19	528.7	30.79	.08				100	*	
Edwards (IL).....	1,795	130.2	28.72	2.19	13	543.1	31.62	.03				100	*	
Duck Creek (IL).....	860	195.4	42.70	3.61	5	494.0	28.77	.19				100	*	
Central Illinois Pub Serv Co	5,868	148.5	32.23	1.26	74	569.2	33.00	.16				100	*	
Coffeen (IL).....	2,009	170.9	35.39	1.17	23	562.5	32.58	.02				100	*	
Grand Tower (IL).....	451	103.3	22.79	3.06	3	565.7	32.72	.29				100	*	
Hutsonville (IL).....	389	111.6	25.34	2.49	5	564.3	32.84	.03				100	*	
Meredosia (IL).....	673	154.6	33.96	2.13	21	564.8	32.93	.39				99	1	
Newton (IL).....	2,347	143.7	31.97	.54	22	581.9	33.57	.11				100	*	
Central Iowa Power Coop	150	113.8	24.95	3.03	30	439.9	25.60	.05	4	395.1	3.98	95	5	*
Summit Lake (IA).....					30	439.9	25.60	.05				100		
Fair Station (IA).....	150	113.8	24.95	3.03					4	395.1	3.98	100		*
Central Louisiana Elec Co Inc	5,413	144.3	21.62	.89					29,264	263.0	2.74	73		27
Dolet Hills (LA).....	3,570	138.4	18.99	1.10					96	335.6	3.48	100		*
Coughlin (LA).....									4,507	251.3	2.63			100
Teche (LA).....									13,705	264.4	2.76			100
Rodemacher (LA).....	1,843	153.3	26.70	.49					10,956	265.5	2.76	74		26
Central Maine Power Co					2,335	278.9	17.69	1.27						100
Mason (ME).....					91	288.8	18.50	.39						100
Wyman (ME).....					2,244	278.4	17.66	1.31						100
Central Operating Co	2,185	127.3	31.08	1.44	29	490.6	28.18	.00				100	*	
Sporn (WV).....	2,185	127.3	31.08	1.44	29	490.6	28.18	.00				100	*	
Central Power & Light Co	1,795	135.9	27.39	.40	5	384.4	22.60	.50	121,298	249.2	2.55	23	*	77
Joslin (TX).....									5,192	246.8	2.54			100
Bates (TX).....									7,121	247.4	2.54			100
Laredo (TX).....					5	384.4	22.60	.50	8,030	258.3	2.70		*	100
Hill (TX).....									19,745	247.0	2.51			100
Nueces Bay (TX).....									27,501	254.0	2.58			100
La Palma (TX).....									8,323	249.7	2.58			100
Victoria (TX).....									10,085	245.1	2.53			100
Davis (TX).....									35,301	246.2	2.52			100
Coletto Creek (TX).....	1,795	135.9	27.39	.40								100		
Chugach Electric Assn Inc									13,873	167.3	1.67			100
Beluga (AK).....									13,873	167.3	1.67			100
Cincinnati Gas & Electric Co	10,713	112.2	27.38	2.15	181	427.6	24.58	.22				100	*	
Beckjord (OH).....	2,629	116.2	28.20	1.24	67	427.1	24.48	.30				99	1	
Miami Fort (OH).....	3,034	122.8	29.68	1.07	43	425.0	24.65	.04				100	*	
East Bend (KY).....	1,798	106.9	26.67	2.28	14	468.9	26.85	.33				100	*	
Zimmer (OH).....	3,252	102.3	24.97	3.82	57	419.6	24.08	.24				100	*	
Cleveland Electric Illum Co	4,564	130.4	33.10	2.01	64	440.7	25.60	.29				100	*	
Ashtabula (OH).....	539	112.6	27.95	3.66	8	458.3	26.60	.04				100	*	
Avon Lake (OH).....	1,535	147.4	37.39	1.01	26	440.8	25.62	.33				100	*	
Eastlake (OH).....	2,396	123.0	31.72	2.34	28	436.4	25.35	.35				100	*	
Lake Shore (OH).....	94	148.7	28.06	.31	2	427.8	24.80	.03				99	1	
Coffeyville City of									564	237.2	2.37			100
Coffeyville (KS).....									564	237.2	2.37			100

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Colorado Springs City of	1,516	132.1	28.14	0.40	—	—	—	—	383	360.5	3.56	99	—	1
Drake (CO).....	778	169.0	35.52	.37	—	—	—	—	326	360.5	3.56	98	—	2
Birdsall (CO).....	—	—	—	—	—	—	—	—	57	360.8	3.56	—	—	100
Nixon (CO).....	739	94.4	20.38	.43	—	—	—	—	—	—	—	100	—	—
Columbia City of	46	208.0	54.04	1.02	—	—	—	—	—	—	—	100	—	—
Columbia (MO).....	46	208.0	54.04	1.02	—	—	—	—	—	—	—	100	—	—
Columbus Southern Power Co	4,416	140.9	33.25	2.75	19	435.7	25.62	0.01	—	—	—	100	*	—
Conesville (OH).....	4,235	142.6	33.69	2.73	16	432.1	25.41	.01	—	—	—	100	*	—
Picway (OH).....	180	100.0	22.93	3.41	3	458.3	26.94	.02	—	—	—	100	*	—
Commonwealth Edison Co	19,444	206.1	37.28	.41	687	336.0	21.10	.60	42,426	250.5	2.54	88	1	11
Crawford (IL).....	564	181.8	32.17	.27	—	—	—	—	—	—	—	100	—	—
Joliet (IL).....	4,207	181.6	31.93	.37	—	—	—	—	—	—	—	100	—	—
Kincaid (IL).....	1,654	164.9	36.66	1.16	—	—	—	—	23	303.0	3.09	100	—	*
Powerton (IL).....	4,655	233.9	40.89	.31	—	—	—	—	152	402.9	4.03	100	—	*
Waukegan (IL).....	2,961	228.8	39.86	.43	7	490.0	28.64	.21	—	—	—	100	*	—
Will County (IL).....	3,499	188.6	33.49	.28	118	408.5	23.90	.23	—	—	—	99	1	—
Fisk (IL).....	588	223.1	40.83	.33	—	—	—	—	—	—	—	100	—	—
State Line (IN).....	1,315	248.0	47.27	.33	—	—	—	—	—	—	—	100	—	—
Collins (IL).....	—	—	—	—	562	320.3	20.42	.68	40,387	249.6	2.53	—	8	92
Fisk Storage (IL).....	—	—	—	—	—	—	—	—	1,364	253.5	2.60	—	—	100
State Line Storage (IN).....	—	—	—	—	—	—	—	—	501	268.7	2.74	—	—	100
Connecticut Light & Power Co	—	—	—	—	9,112	298.6	19.13	.64	13,457	241.8	2.46	—	81	19
Devon (CT).....	—	—	—	—	541	278.7	17.83	.77	9,499	231.4	2.34	—	26	74
Montville (CT).....	—	—	—	—	2,232	289.1	18.90	.70	472	284.9	2.93	—	97	3
Norwalk Harbor (CT).....	—	—	—	—	2,682	287.7	18.46	.85	—	—	—	—	100	—
Middletown (CT).....	—	—	—	—	3,657	315.7	19.94	.42	3,485	263.7	2.72	—	87	13
Consolidated Edison Co-NY Inc	—	—	—	—	5,984	292.1	18.28	.27	89,627 ²	271.1	2.79	—	29	71
Arthur Kill (NY).....	—	—	—	—	—	—	—	—	13,362	251.9	2.59	—	—	100
East River (NY).....	—	—	—	—	253	302.7	18.87	.27	4,053	254.6	2.62	—	27	73
Ravenswood (NY).....	—	—	—	—	50	323.6	20.48	.26	36,881	272.5	2.81	—	1	99
Waterside (NY).....	—	—	—	—	—	—	—	—	5,858	311.5	3.21	—	—	100
Astoria (NY).....	—	—	—	—	613	289.7	18.32	.27	29,473	272.2	2.80	—	11	89
Storage Facility # 7.....	—	—	—	—	2,740	295.4	18.46	.27	—	—	—	—	—	100
Storage Facility # 5.....	—	—	—	—	1,177	282.8	17.70	.29	—	—	—	—	—	100
Storage Facility # 4.....	—	—	—	—	650	302.1	18.84	.23	—	—	—	—	—	100
Storage Facility # 3.....	—	—	—	—	501	277.0	17.36	.28	—	—	—	—	—	100
Consumers Power Co	7,478	149.6	33.61	.68	723	283.4	17.92	.88	891	289.2	2.89	97	3	1
Cobb (MI).....	951	136.2	28.15	.68	4	435.1	25.22	.50	—	—	—	100	*	—
Karn-Weadock (MI).....	937	149.6	36.70	.83	634	263.4	16.85	.93	891	289.2	2.89	82	15	3
Campbell (MI).....	3,656	156.4	35.34	.63	14	422.6	24.50	.50	—	—	—	100	*	—
Weadock (MI).....	1,102	133.3	27.36	.60	59	448.5	25.99	.50	—	—	—	99	1	—
Whiting (MI).....	832	152.8	37.07	.82	11	431.6	25.01	.50	—	—	—	100	*	—
Coop Power Assn	6,875	77.2	9.71	.73	—	—	—	—	—	—	—	100	—	—
Coal Creek (ND).....	6,875	77.2	9.71	.73	—	—	—	—	—	—	—	100	—	—
Dairyland Power Coop	2,045	110.6	21.48	.46	12	452.4	26.60	.50	—	—	—	100	*	—
Alma-Madgett (WI).....	1,280	102.6	19.09	.38	8	459.7	27.03	.50	—	—	—	100	*	—
Genoa No.3 (WI).....	765	122.5	25.47	.59	3	434.0	25.52	.50	—	—	—	100	*	—
Dayton Power & Light Co	8,126	130.0	30.38	.78	71	450.8	26.29	.43	304	444.8	4.54	100	*	*
Hutchings (OH).....	352	139.1	35.00	.75	—	—	—	—	304	444.8	4.54	97	—	3
Stuart (OH).....	6,058	130.7	30.16	.83	26	445.1	25.81	.36	—	—	—	100	*	—
Killen (OH).....	1,716	125.7	30.21	.63	45	454.1	26.57	.46	—	—	—	99	1	—
Delmarva Power & Light Co	1,682	157.1	41.05	.99	1,826	272.8	17.37	1.10	15,623 ²	305.3	3.16	61	16	23
Edgemoor (DE).....	505	159.4	41.05	.79	1,385	268.0	17.12	.96	5,352	225.4	2.34	47	32	20
Indian River (DE).....	1,177	156.2	41.05	1.08	74	443.2	25.78	.21	—	—	—	99	1	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Delmarva Power & Light Co														
Vienna (MD).....	—	—	—	—	368	259.5	16.63	1.84	—	—	—	—	100	—
Hay Road (DE).....	—	—	—	—	—	—	—	—	10,271	2	347.0	3.59	—	100
Denton City of	—	—	—	—	—	—	—	—	2,338	243.2	2.54	—	—	100
Spencer (TX).....	—	—	—	—	—	—	—	—	2,338	243.2	2.54	—	—	100
Deseret Generation & Tran Coop	1,775	187.0	39.22	0.42	2	673.9	39.06	.00	—	—	—	100	*	—
Bonanza (UT).....	1,775	187.0	39.22	.42	2	673.9	39.06	.00	—	—	—	100	*	—
Detroit City of	—	—	—	—	330	422.2	26.25	.66	2,357	334.0	3.43	—	46	54
Mistersky (MI).....	—	—	—	—	330	422.2	26.25	.66	2,357	334.0	3.43	—	46	54
Detroit Edison Co	21,510	129.5	26.58	.65	217	435.7	25.27	.22	24,840	214.5	.46	99	*	1
Harbor Beach (MI).....	65	151.1	37.71	.68	7	467.1	26.93	.45	—	—	—	98	2	—
Marysville (MI).....	31	152.1	39.80	.66	—	—	—	—	126	364.3	3.64	87	—	13
Monroe (MI).....	9,342	117.6	25.32	.79	61	439.0	25.40	.25	—	—	—	100	*	—
River Rouge (MI).....	1,384	127.1	27.19	.59	—	—	—	—	22,242	126.1	.15	92	—	8
St Clair (MI).....	4,891	143.4	28.11	.65	96	440.8	25.63	.18	165	362.6	3.65	99	1	*
Trenton Channel (MI).....	1,594	119.3	25.01	.75	22	436.1	25.23	.25	—	—	—	100	*	—
Belle River (MI).....	4,203	147.4	27.72	.35	23	432.0	24.96	.24	—	—	—	100	*	—
Greenwood (MI).....	—	—	—	—	9	342.2	19.89	.07	2,306	298.2	3.01	52	1	47
Dover City of	—	—	—	—	247	288.6	18.43	.73	373	280.7	2.91	—	80	20
Mckee Run (DE).....	—	—	—	—	247	288.6	18.43	.73	373	280.7	2.91	—	80	20
Duke Power Co	16,280	138.0	34.32	.92	129	431.1	25.11	.30	—	—	—	100	*	—
Allen (NC).....	2,221	135.0	33.62	.81	31	429.7	25.10	.30	—	—	—	100	*	—
Buck (NC).....	716	126.4	30.70	1.00	—	—	—	—	—	—	—	100	—	—
Cliffside (NC).....	1,292	156.7	39.99	1.11	16	429.2	25.06	.30	—	—	—	100	*	—
Dan River (NC).....	355	127.8	32.04	.99	—	—	—	—	—	—	—	100	—	—
Marshall (NC).....	5,008	129.0	31.66	1.04	33	435.2	25.31	.30	—	—	—	100	*	—
Riverbend (NC).....	649	156.0	39.22	1.09	—	—	—	—	—	—	—	100	—	—
Lee (SC).....	401	156.3	38.74	1.07	30	430.0	24.98	.30	—	—	—	98	2	—
Belews Creek (NC).....	5,638	141.4	35.37	.77	19	429.9	25.04	.30	—	—	—	100	*	—
Duquesne Light Co	2,319	120.7	31.12	1.91	32	440.9	25.43	.21	172	376.9	3.92	99	*	*
Elrama (PA).....	1,039	128.2	32.33	2.13	32	440.9	25.43	.21	—	—	—	99	1	—
Cheswick (PA).....	1,280	114.8	30.14	1.72	—	—	—	—	172	376.9	3.92	99	—	1
East Kentucky Power Coop Inc	3,427	114.6	28.24	.83	17	451.1	26.26	.14	—	—	—	100	*	—
Cooper (KY).....	678	113.8	28.16	1.12	5	455.6	26.51	.20	—	—	—	100	*	—
Dale (KY).....	445	114.4	28.72	.84	7	451.2	26.26	.12	—	—	—	100	*	—
Spurlock (KY).....	2,304	114.8	28.17	.74	5	447.0	26.02	.12	—	—	—	100	*	—
El Paso Electric Co	—	—	—	—	—	—	—	—	31,549	244.4	2.50	—	—	100
Rio Grande (TX).....	—	—	—	—	—	—	—	—	9,372	235.4	2.41	—	—	100
Newman (TX).....	—	—	—	—	—	—	—	—	22,176	248.2	2.54	—	—	100
Electric Energy Inc	4,687	92.3	16.04	.25	5	514.3	29.79	.19	216	326.5	3.37	100	*	*
Joppa (IL).....	4,687	92.3	16.04	.25	5	514.3	29.79	.19	216	326.5	3.37	100	*	*
Empire District Electric Co	1,012	108.7	20.19	.69	2	457.1	26.77	.00	43	281.9	2.82	100	*	*
Riverton (KS).....	270	118.7	22.85	.96	—	—	—	—	43	281.9	2.82	99	—	1
Asbury (MO).....	742	104.9	19.22	.59	2	457.1	26.77	.00	—	—	—	100	*	—
Fayetteville Public Works Comm	—	—	—	—	36	416.3	24.20	.05	1,220	310.7	3.22	—	14	86
Butler Warner (NC).....	—	—	—	—	36	416.3	24.20	.05	1,220	310.7	3.22	—	14	86
Florida Power & Light Co	—	—	—	—	25,234	273.8	17.47	1.50	221,941	301.5	3.15	—	41	59
Cape Canaveral (FL).....	—	—	—	—	2,190	275.8	17.45	2.07	16,538	290.3	3.03	—	45	55
Cutler (FL).....	—	—	—	—	—	—	—	—	2,337	282.5	2.95	—	—	100
Fort Myers (FL).....	—	—	—	—	3,306	255.2	16.32	2.06	6,092	255.0	2.66	—	77	23
Lauderdale (FL).....	—	—	—	—	—	—	—	—	46,718	317.9	3.32	—	—	100

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Florida Power & Light Co														
Port Everglades (FL).....	—	—	—	—	2,904	279.9	17.86	1.15	17,540	286.3	2.99	—	50	50
Riviera (FL).....	—	—	—	—	2,495	250.0	16.05	2.12	4,758	300.1	3.14	—	76	24
Sanford (FL).....	—	—	—	—	2,803	286.9	18.19	2.18	8,984	293.5	3.06	—	65	35
Turkey Point (FL).....	—	—	—	—	1,829	284.5	18.16	1.29	19,543	289.3	3.02	—	36	64
Manatee (FL).....	—	—	—	—	6,979	273.5	17.50	.97	2,339	249.3	2.59	—	95	5
Martin (FL).....	—	—	—	—	2,728	290.1	18.53	.97	74,901	308.4	3.22	—	18	82
Putnam (FL).....	—	—	—	—	—	—	—	—	22,190	298.4	3.11	—	—	100
Florida Power Corp⁴	6,046	175.7	44.40	0.82	9,104	250.1	16.37	1.51	3,599	274.3	2.84	71	28	2
Crystal River (FL).....	4,037	177.0	44.91	.89	50	460.3	27.00	.37	—	—	—	100	*	—
Bartow (FL).....	—	—	—	—	785	237.2	15.35	2.13	1,716	243.6	2.56	—	74	26
Suwannee (FL).....	—	—	—	—	241	303.1	19.31	1.82	1,883	303.2	3.09	—	44	56
Anclote (FL).....	—	—	—	—	24	444.5	26.13	.48	—	—	—	—	100	—
IMT Transfer (LA).....	2,010	173.2	43.39	.68	—	—	—	—	—	—	—	—	100	—
Storage Facility # 1.....	—	—	—	—	8,005	248.1	16.29	1.45	—	—	—	—	100	—
Fort Pierre City of	—	—	—	—	—	—	—	—	2,366	357.8	3.74	—	—	100
H D King (FL).....	—	—	—	—	—	—	—	—	2,366	357.8	3.74	—	—	100
Fremont City of	211	93.3	16.20	.28	—	—	—	—	68	252.1	2.52	98	—	2
Wright (NE).....	211	93.3	16.20	.28	—	—	—	—	68	252.1	2.52	98	—	2
Gainesville Regional Utilities	569	165.4	43.36	.59	22	361.9	22.30	.85	3,538 ²	342.6	3.58	80	1	20
Deerhaven (FL).....	569	165.4	43.36	.59	22	360.4	22.23	.87	2,617 ²	355.7	3.71	84	1	15
Jr Kelly (FL).....	—	—	—	—	*	447.7	26.02	.05	921 ²	305.4	3.19	—	*	100
Garland City of	—	—	—	—	—	—	—	—	10,827	245.3	2.48	—	—	100
Newman (TX).....	—	—	—	—	—	—	—	—	258	251.4	2.58	—	—	100
Olinger (TX).....	—	—	—	—	—	—	—	—	10,569	245.1	2.48	—	—	100
Georgia Power Co	27,687	159.0	37.42	.83	275	420.4	24.81	.50	1,535	317.3	3.25	100	*	*
Arkwright (GA).....	65	164.9	41.30	1.64	—	—	—	—	575	297.4	3.04	73	—	27
Atkinson-Mcdonough (GA).....	1,274	134.7	34.19	1.02	—	—	—	—	960	329.1	3.37	97	—	3
Bowen (GA).....	8,082	139.6	34.48	.91	21	457.8	26.63	.50	—	—	—	100	*	—
Hammond (GA).....	1,257	149.1	38.11	.88	19	459.6	26.73	.50	—	—	—	100	*	—
Harlee Branch (GA).....	2,972	156.9	38.59	1.27	11	469.5	27.31	.50	—	—	—	100	*	—
Mcmamus (GA).....	—	—	—	—	106	364.5	22.00	.50	—	—	—	—	100	—
Mitchell (GA).....	177	178.8	45.05	1.13	34	436.2	25.38	.50	—	—	—	—	96	4
Yates (GA).....	1,651	151.0	38.65	1.04	24	460.9	26.81	.50	—	—	—	—	100	*
Wansley (GA).....	3,285	185.6	46.17	.90	29	467.2	27.18	.50	—	—	—	—	100	*
Scherer (GA).....	8,923	176.4	36.44	.50	30	460.7	26.80	.50	—	—	—	—	100	*
Glendale City of	—	—	—	—	—	—	—	—	1,588	274.5	2.79	—	—	100
Glendale (CA).....	—	—	—	—	—	—	—	—	1,588	274.5	2.79	—	—	100
Grand Haven City of	174	136.3	30.68	2.32	—	—	—	—	15	479.8	4.80	100	—	*
J B Simms (MI).....	174	136.3	30.68	2.32	—	—	—	—	15	479.8	4.80	100	—	*
Grand Island City of	319	70.1	11.85	.33	—	—	—	—	407	319.8	3.20	93	—	7
Platte (NE).....	319	70.1	11.85	.33	—	—	—	—	—	—	—	100	—	—
Burdick (NE).....	—	—	—	—	—	—	—	—	407	319.8	3.20	—	—	100
Grand River Dam Authority	3,744	89.4	15.13	.37	—	—	—	—	290	293.1	2.94	100	—	*
GRDA No 1 (OK).....	3,744	89.4	15.13	.37	—	—	—	—	290	293.1	2.94	100	—	*
Greenville City of	—	—	—	—	—	—	—	—	205	243.2	2.65	—	—	100
Power Lane (TX).....	—	—	—	—	—	—	—	—	205	243.2	2.65	—	—	100
Gulf Power Co	2,724	198.9	47.93	1.61	12	441.5	25.68	.45	938	251.5	2.51	98	*	1
Crist (FL).....	1,708	205.6	49.71	1.04	6	437.5	25.45	.45	938	251.5	2.51	98	*	2
Scholtz (FL).....	76	167.7	41.50	1.94	1	456.4	26.55	.45	—	—	—	100	*	—
Smith (FL).....	941	189.1	45.22	2.62	5	444.7	25.87	.45	—	—	—	100	*	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels
by Electric Utility and Plant, 1997 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Gulf States Utilities Co	1,992	136.8	23.82	0.48	20	466.2	27.14	0.19	165,218	262.2	2.72	17	*	83
Nelson (LA).....	1,992	136.8	23.82	.48	20	466.2	27.14	.19	22,686	262.9	2.70	60	*	40
Willow Glen (LA).....	—	—	—	—	—	—	—	—	41,004	267.6	2.76	—	—	100
Lewis Creek (TX).....	—	—	—	—	—	—	—	—	22,738	255.2	2.68	—	—	100
Sabine (TX).....	—	—	—	—	—	—	—	—	76,361	261.6	2.72	—	—	100
Spindletop Storage (TX).....	—	—	—	—	—	—	—	—	2,429	249.6	2.56	—	—	100
Hamilton City of	136	147.1	36.80	.72	—	—	—	—	158	293.6	3.02	95	—	5
Hamilton (OH).....	136	147.1	36.80	.72	—	—	—	—	158	293.6	3.02	95	—	5
Hastings City of	220	65.9	11.43	.31	—	—	—	—	—	—	—	100	—	—
Hastings (NE).....	220	65.9	11.43	.31	—	—	—	—	—	—	—	100	—	—
Hawaiian Electric Co Inc	—	—	—	—	7,227	364.3	22.85	.40	—	—	—	—	—	100
Kahe (HI).....	—	—	—	—	993	362.1	22.82	.40	—	—	—	—	—	100
Waiiau (HI).....	—	—	—	—	54	429.8	26.82	.40	—	—	—	—	—	100
Storage Facility # 1.....	—	—	—	—	6,180	364.0	22.82	.40	—	—	—	—	—	100
Holland City of	139	179.6	46.20	.86	—	—	—	—	105	275.0	2.83	97	—	3
James De Young (MI).....	139	179.6	46.20	.86	—	—	—	—	105	275.0	2.83	97	—	3
Holyoke Water Power Co	449	179.2	47.20	1.07	3	495.7	28.69	.27	—	—	—	100	*	—
Mount Tom (MA).....	449	179.2	47.20	1.07	3	495.7	28.69	.27	—	—	—	100	*	—
Hoosier Energy R E C Inc	4,119	122.9	26.80	2.97	9	457.8	26.54	.02	—	—	—	100	*	—
Frank E Ratts (IN).....	610	136.9	30.30	1.32	3	444.5	25.76	.06	—	—	—	100	*	—
Merom (IN).....	3,509	120.4	26.19	3.25	5	466.0	27.01	.00	—	—	—	100	*	—
Houston Lighting & Power Co	18,710	144.8	22.10	.73	—	—	—	—	194,473	251.9	2.57	59	—	41
Limestone (TX).....	9,208	83.1	11.02	1.08	—	—	—	—	830	282.4	2.88	99	—	1
Cedar Bayou (TX).....	—	—	—	—	—	—	—	—	64,069	249.9	2.56	—	—	100
Deepwater (TX).....	—	—	—	—	—	—	—	—	974	248.2	2.55	—	—	100
Green Bayou (TX).....	—	—	—	—	—	—	—	—	8,836	250.5	2.57	—	—	100
Robinson (TX).....	—	—	—	—	—	—	—	—	40,844	247.1	2.53	—	—	100
Bertron (TX).....	—	—	—	—	—	—	—	—	12,485	251.0	2.57	—	—	100
Wharton (TX).....	—	—	—	—	—	—	—	—	21,356	257.4	2.61	—	—	100
Parish (TX).....	9,502	190.9	32.83	.39	—	—	—	—	20,321	254.1	2.60	89	—	11
Webster (TX).....	—	—	—	—	—	—	—	—	7,107	253.0	2.59	—	—	100
Storage Facility # 2.....	—	—	—	—	—	—	—	—	17,652	261.1	2.62	—	—	100
IES Utilities Co	3,928	94.7	16.06	.37	22	443.4	26.06	.02	2,028 ²	323.4	3.23	97	*	3
6th St (IA).....	110	152.8	31.43	.50	—	—	—	—	1,308	301.7	3.02	63	—	37
Prairie Creek (IA).....	833	94.9	16.18	.34	*	475.8	27.68	.20	142 ²	404.9	4.05	99	*	1
Sutherland (IA).....	438	79.1	13.47	.36	—	—	—	—	578	352.3	3.52	94	—	6
Burlington (IA).....	561	91.7	15.54	.48	1	471.9	27.45	.03	—	—	—	100	*	—
Ottumwa (IA).....	1,986	95.0	15.88	.35	20	440.8	25.93	.02	—	—	—	100	*	—
Illinois Power Co	7,365	111.9	24.44	2.47	35	485.9	28.36	.30	1,573 ²	265.4	2.71	99	*	1
Baldwin (IL).....	5,067	104.9	22.60	2.90	18	465.5	27.37	.30	—	—	—	100	*	—
Havana (IL).....	1,008	137.3	32.05	.57	12	486.2	28.02	.29	21	417.0	4.17	100	*	*
Hennepin (IL).....	791	117.5	25.12	2.87	—	—	—	—	109 ²	284.3	2.91	99	—	1
Vermilion (IL).....	254	107.7	22.45	1.73	5	559.6	32.81	.30	580	252.9	2.60	89	*	10
Wood River (IL).....	245	129.3	31.13	.81	—	—	—	—	863	267.9	2.72	87	—	13
Imperial Irrigation District	—	—	—	—	—	—	—	—	3,148	269.2	2.72	—	—	100
El Centro (CA).....	—	—	—	—	—	—	—	—	3,148	269.2	2.72	—	—	100
Independence City of	77	123.7	26.63	2.72	3	496.7	28.66	.15	274	288.8	2.86	85	1	14
Blue Valley (MO).....	77	123.7	26.63	2.72	3	496.7	28.66	.15	274	288.8	2.86	85	1	14
Indiana-Kentucky Electric Corp	4,202	114.8	23.59	1.03	4	485.1	27.71	.30	—	—	—	100	*	—
Clifty Creek (IN).....	4,202	114.8	23.59	1.03	4	485.1	27.71	.30	—	—	—	100	*	—
Indiana Michigan Power Co	11,251	112.1	21.01	.53	90	450.4	25.87	.00	—	—	—	100	*	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels
by Electric Utility and Plant, 1997 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Indiana Michigan Power Co														
Tanners Creek (IN)	2,113	129.3	31.94	1.62	19	439.9	25.56	0.00	—	—	—	100	*	—
Rockport (IN)	9,138	106.5	18.48	.28	71	453.2	25.95	.00	—	—	—	100	*	—
Indianapolis Power & Light Co	7,373	97.0	21.49	2.23	60	431.6	24.95	.12	—	—	—	100	*	—
Stout (IN).....	1,484	111.3	24.54	1.23	21	416.2	24.05	.04	—	—	—	100	*	—
Pritchard (IN)	580	103.1	22.82	1.14	17	434.4	25.11	.04	—	—	—	99	1	—
Petersburg (IN).....	5,309	92.4	20.49	2.63	22	444.3	25.68	.25	—	—	—	100	*	—
Interstate Power Co	1,088	166.2	32.89	.60	9	446.6	26.26	.00	2,235	237.8	2.38	90	*	9
Dubuque (IA)	73	107.9	23.52	2.56	*	449.1	26.41	.00	7	431.4	4.31	99	*	*
Lansing (IA)	589	206.2	35.48	.41	7	447.5	26.31	.00	—	—	—	100	*	—
Kapp (IA)	426	134.2	30.91	.53	—	—	—	—	42	338.0	3.45	100	—	*
Fox Lake (MN)	—	—	—	—	2	442.2	26.00	.00	2,186	235.3	2.35	—	*	100
Jacksonville Electric Auth.....	3,125	165.3	40.48	1.14	2,303	274.4	17.38	1.58	7,872	270.3	2.85	81	12	7
St Johns River (FL).....	3,125	165.3	40.48	1.14	59	439.3	25.65	.35	—	—	—	100	*	—
Kennedy (FL).....	—	—	—	—	—	—	—	—	223	279.8	2.95	—	—	100
Northside (FL).....	—	—	—	—	2,243	270.4	17.16	1.61	6,435	267.1	2.82	—	68	32
Southside (FL).....	—	—	—	—	—	—	—	—	1,214	285.1	3.01	—	—	100
Jamestown City of.....	100	132.4	33.53	1.82	—	—	—	—	—	—	—	100	—	—
Samuel A Carlson (NY).....	100	132.4	33.53	1.82	—	—	—	—	—	—	—	—	—	100
Jersey Central Power&Light Co	—	—	—	—	—	—	—	—	1,752	302.0	3.12	—	—	100
Sayreville (NJ).....	—	—	—	—	—	—	—	—	440	242.3	2.50	—	—	100
Gilbert (NJ).....	—	—	—	—	—	—	—	—	1,312	322.1	3.32	—	—	100
Kansas City City of.....	1,426	97.0	17.63	.61	36	437.3	25.35	.50	345	298.1	2.96	98	1	1
Kaw (KS).....	58	128.8	27.09	.46	—	—	—	—	63	324.7	3.21	95	—	5
Quindaro (KS).....	413	121.3	25.92	1.24	23	428.9	24.86	.50	282	292.1	2.90	96	1	3
Nearman (KS).....	955	81.1	13.47	.35	13	452.3	26.21	.50	—	—	—	100	*	—
Kansas City Power & Light Co.....	9,571	76.1	13.26	.47	133	434.3	25.13	.16	598	312.9	3.13	99	*	*
La Cygne (KS).....	3,996	68.2	11.88	.69	51	447.3	25.89	.15	—	—	—	100	*	—
Hawthorne (MO).....	1,328	68.0	11.91	.34	—	—	—	—	598	312.9	3.13	97	—	3
Montrose (MO).....	1,653	96.8	16.82	.21	17	434.2	25.09	.18	—	—	—	100	*	—
Iatan (MO).....	2,594	79.1	13.82	.35	4	432.3	25.05	.15	—	—	—	100	*	—
Storage Facility # 1	—	—	—	—	61	423.6	24.50	.16	—	—	—	—	—	100
Kansas Gas & Electric Co	—	—	—	—	286	221.8	14.97	1.03	10,525	256.3	2.48	—	16	84
Evans (KS).....	—	—	—	—	239	212.7	14.39	1.02	7,291	253.9	2.45	—	19	81
Gill (KS).....	—	—	—	—	47	269.0	17.93	1.11	3,234	261.8	2.55	—	9	91
Kansas Power & Light Co	9,868	114.6	20.07	.38	117	329.1	20.77	.77	1,128 ²	335.0	3.32	99	*	1
Hutchinson (KS).....	—	—	—	—	66	242.8	16.29	1.20	637	286.5	2.82	—	41	59
Lawrence (KS).....	1,116	124.2	26.99	.42	—	—	—	—	309	420.2	4.15	99	—	1
Tecumseh (KS).....	497	123.8	26.79	.41	—	—	—	—	183	359.0	3.63	98	—	2
Jeffrey Energy Cnt (KS).....	8,254	112.2	18.73	.37	51	458.3	26.57	.22	—	—	—	100	*	—
Kentucky Power Co	2,910	107.9	26.37	1.25	30	424.1	24.91	.00	—	—	—	100	*	—
Big Sandy (KY)	2,910	107.9	26.37	1.25	30	424.1	24.91	.00	—	—	—	100	*	—
Kentucky Utilities Co.....	6,488	114.9	27.94	1.48	44	530.5	31.19	.39	—	—	—	100	*	—
Brown (KY).....	1,317	120.5	29.12	1.23	14	534.7	31.44	.40	—	—	—	100	*	—
Ghent (KY).....	4,774	114.1	27.81	1.47	25	534.7	31.44	.40	—	—	—	100	*	—
Green River (KY).....	345	105.2	24.89	2.54	2	505.0	29.69	.15	—	—	—	100	*	—
Tyrone (KY).....	51	116.6	30.20	.84	4	500.8	29.45	.40	—	—	—	98	2	—
Lafayette City of.....	—	—	—	—	—	—	—	—	5,463	238.6	2.51	—	—	100
Bonin (LA)	—	—	—	—	—	—	—	—	5,463	238.6	2.51	—	—	100
Lake Worth City of.....	—	—	—	—	4	373.0	21.87	.14	1,891	315.9	3.30	—	1	99
Tom G Smith (FL).....	—	—	—	—	4	373.0	21.87	.14	1,891	315.9	3.30	—	1	99

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Lakeland City of	758	172.7	44.48	1.26	112	308.8	19.29	2.18	6,553 ²	380.8	4.00	77	2	21
Larsen Mem (FL).....	—	—	—	—	42	293.5	18.49	2.37	3,024	400.5	4.21	—	8	92
Plant 3-Mcintosh (FL).....	758	172.7	44.48	1.26	70	318.1	19.76	2.07	3,529	364.0	3.82	86	1	13
Lansing City of	803	162.0	39.25	.81	9	421.0	24.40	.30	—	—	—	100	*	—
Eckert (MI).....	402	161.0	37.45	.71	7	421.0	24.40	.30	—	—	—	100	*	—
Erickson (MI).....	402	162.9	41.06	.92	2	421.0	24.40	.30	—	—	—	100	*	—
Long Island Lighting Co	—	—	—	—	4,875	277.4	17.70	.81	71,255	263.4	2.69	—	30	70
Barrett (NY).....	—	—	—	—	140	310.0	19.64	.34	17,672	271.8	2.81	—	5	95
Far Rockaway (NY).....	—	—	—	—	—	—	—	—	2,765	240.3	2.49	—	—	100
Glenwood (NY).....	—	—	—	—	—	—	—	—	5,955	283.7	2.93	—	—	100
Northport (NY).....	—	—	—	—	3,334	278.3	17.77	.76	33,689	260.9	2.64	—	38	62
Port Jefferson (NY).....	—	—	—	—	1,401	271.9	17.31	.97	11,174	252.2	2.55	—	44	56
Los Angeles City of	5,098	140.4	32.67	.55	—	—	—	—	18,913	386.5	3.91	86	—	14
Harbor (CA).....	—	—	—	—	—	—	—	—	3,300	400.9	4.05	—	—	100
Haynes (CA).....	—	—	—	—	—	—	—	—	7,891	370.5	3.72	—	—	100
Scattergood (CA).....	—	—	—	—	—	—	—	—	7,722	396.5	4.05	—	—	100
Intermountain (UT).....	5,098	140.4	32.67	.55	—	—	—	—	—	—	—	100	—	—
Louisiana Power & Light Co	—	—	—	—	300	306.3	19.66	.96	124,573	278.8	2.89	—	1	99
Little Gypsy (LA).....	—	—	—	—	7	473.8	28.61	.00	30,964	268.4	2.77	—	*	100
Nine Mile (LA).....	—	—	—	—	6	473.8	28.69	.30	70,704	282.6	2.93	—	*	100
Sterlington (LA).....	—	—	—	—	*	466.2	27.18	.07	3,319	261.1	2.71	—	*	100
Waterford (LA).....	—	—	—	—	286	299.0	19.25	1.00	19,587	284.1	2.95	—	8	92
Louisville Gas & Electric Co	6,697	94.2	21.68	3.41	78	515.5	30.31	.25	526	332.5	3.41	99	*	*
Cane Run (KY).....	1,335	99.3	22.87	3.33	1	597.7	35.14	.25	405	331.8	3.40	99	*	1
Mill Creek (KY).....	3,708	94.8	21.68	3.15	70	510.5	30.02	.25	121	335.1	3.43	99	*	*
Trimble County (KY).....	1,654	88.7	20.72	4.05	8	553.3	32.54	.25	—	—	—	100	*	—
Lower Colorado River Authority	5,462	96.6	16.50	.35	5	520.3	30.81	.00	32,470	242.0	2.45	74	*	26
Gideon (TX).....	—	—	—	—	—	—	—	—	21,172	245.8	2.49	—	—	100
T C Ferguson (TX).....	—	—	—	—	—	—	—	—	11,298	234.8	2.37	—	—	100
S Seymour-Fayette (TX).....	5,462	96.6	16.50	.35	5	520.3	30.81	.00	—	—	—	100	*	—
Lubbock City of	—	—	—	—	—	—	—	—	5,896	244.3	3.03	—	—	100
Holly Ave (TX).....	—	—	—	—	—	—	—	—	5,744	242.2	3.02	—	—	100
Plant 2 (TX).....	—	—	—	—	—	—	—	—	152	342.4	3.42	—	—	100
Madison Gas & Electric Co	144	134.0	28.83	1.35	—	—	—	—	1,532	293.9	2.95	67	—	33
Blount (WI).....	144	134.0	28.83	1.35	—	—	—	—	1,532	293.9	2.95	67	—	33
Manitowoc Public Utilities	140	157.8	39.55	1.14	—	—	—	—	—	—	—	100	—	—
Manitowoc (WI).....	140	157.8	39.55	1.14	—	—	—	—	—	—	—	100	—	—
Marquette City of	144	132.0	24.72	.36	3	441.2	25.57	.00	—	—	—	99	1	—
Shiras (MI).....	144	132.0	24.72	.36	3	441.2	25.57	.00	—	—	—	99	1	—
Massachusetts Mun Wholes El Co	—	—	—	—	—	—	—	—	6,129	289.4	2.96	—	—	100
Stonybrook (MA).....	—	—	—	—	—	—	—	—	6,129	289.4	2.96	—	—	100
Medina Electric Coop Inc	—	—	—	—	—	—	—	—	307	258.0	2.91	—	—	100
Pearsall (TX).....	—	—	—	—	—	—	—	—	307	258.0	2.91	—	—	100
Metropolitan Edison Co	1,265	139.1	36.61	1.63	13	434.2	24.80	.30	—	—	—	100	*	—
Portland (PA).....	753	138.1	36.41	1.77	7	424.7	24.26	.30	—	—	—	100	*	—
Titus (PA).....	512	140.7	36.91	1.44	7	443.9	25.35	.30	—	—	—	100	*	—
Michigan South Central Pwr Agcy	60	162.7	39.29	3.37	5	401.6	23.78	.30	—	—	—	98	2	—
Project I (MI).....	60	162.7	39.29	3.37	5	401.6	23.78	.30	—	—	—	98	2	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
MidAmerican Energy	10,394	82.6	14.06	0.36	24	448.3	25.60	0.00	645	389.0	3.93	100	*	*
Riverside (IA).....	415	92.1	15.54	.33	—	—	—	—	281	392.4	3.96	96	—	4
Council Bluffs (IA).....	2,648	81.9	13.67	.37	18	447.1	25.54	.00	41	395.0	3.95	100	*	*
George Neal 1-4 (IA).....	5,158	72.4	12.55	.37	6	451.5	25.79	.00	246	396.3	4.00	100	*	*
Louisa (IA).....	2,173	106.4	17.84	.35	—	—	—	—	77	350.7	3.59	100	—	*
Minnesota Power & Light Co.	4,164	110.8	20.23	.53	20	492.9	27.92	.20	—	—	—	100	*	—
Laskin Energy Center (MN).....	412	113.4	21.30	.39	2	496.6	23.86	.20	—	—	—	100	*	—
Boswell Energy Center (MN).....	3,752	110.5	20.11	.55	18	492.6	28.35	.20	—	—	—	100	*	—
Minnkota Power Coop Inc	3,964	61.9	8.36	.86	87	447.5	26.31	.40	—	—	—	99	1	—
Young (ND).....	3,964	61.9	8.36	.86	87	447.5	26.31	.40	—	—	—	99	1	—
Mississippi Power & Light Co.	—	—	—	—	4,049	268.0	17.67	2.20	35,698	265.7	2.75	—	42	58
Wilson (MS).....	—	—	—	—	1,828	262.7	17.36	2.25	23,162	272.5	2.82	—	34	66
Delta (MS).....	—	—	—	—	—	—	—	—	1,860	261.8	2.73	—	—	100
Brown (MS).....	—	—	—	—	1	455.4	26.87	.39	2,946	252.5	2.59	—	*	100
Gerald Andrus (MS).....	—	—	—	—	2,220	272.3	17.93	2.17	7,730	251.2	2.61	—	65	35
Mississippi Power Co	5,070	143.7	29.09	.63	17	424.0	24.52	.06	6,500	245.6	2.55	94	*	6
Eaton (MS).....	—	—	—	—	—	—	—	—	1,060	250.4	2.61	—	—	100
Sweatt (MS).....	—	—	—	—	—	—	—	—	1,518	262.2	2.68	—	—	100
Watson (MS).....	1,849	141.1	32.51	1.04	—	—	—	—	3,922	238.1	2.48	91	—	9
Daniel (MS).....	3,221	145.5	27.13	.39	17	424.0	24.52	.06	—	—	—	100	*	—
Monongahela Power Co.	12,326	108.7	27.25	3.02	40	473.1	28.01	.30	372	335.1	3.35	100	*	*
Albright (WV).....	318	105.3	26.89	1.67	9	480.8	28.47	.30	—	—	—	99	1	—
Ft Martin (WV).....	2,818	122.0	30.77	1.49	23	461.0	27.30	.30	—	—	—	100	*	—
Harrison (WV).....	5,299	114.0	28.63	3.40	4	489.1	28.96	.30	202	369.7	3.70	100	*	*
Rivesville (WV).....	68	131.6	33.56	1.02	2	486.5	28.81	.30	—	—	—	99	1	—
Willow Island (WV).....	304	119.8	31.73	1.42	*	539.1	31.93	.30	35	295.7	2.96	100	*	*
Pleasants (WV).....	3,519	88.6	21.90	3.96	3	509.5	30.17	.30	135	293.6	2.94	100	*	*
Montana-Dakota Utilities Co	2,302	89.6	12.44	1.00	14	507.5	29.11	.30	23	4,483.0	51.37	100	*	*
Heskett (ND).....	409	111.6	15.73	.77	—	—	—	—	1	322.0	3.43	100	—	*
Lewis and Clark (MT).....	155	97.8	12.98	.52	—	—	—	—	22	4,731.5	54.46	99	—	1
Coyote (ND).....	1,737	83.7	11.62	1.09	14	507.5	29.11	.30	—	—	—	100	*	—
Montana Power Co	9,005	67.9	11.49	.73	16	529.4	31.35	.00	81	357.5	3.75	100	*	*
Corette (MT).....	510	55.5	9.24	.23	—	—	—	—	81	357.5	3.75	99	—	1
Colstrip (MT).....	8,495	68.7	11.63	.76	16	529.4	31.35	.00	—	—	—	100	*	—
Montaup Electric Co	279	179.3	45.58	.74	2	446.1	26.14	.28	—	—	—	100	*	—
Somerset (MA).....	279	179.3	45.58	.74	2	446.1	26.14	.28	—	—	—	100	*	—
Morgan City City of	—	—	—	—	—	—	—	—	1,032	273.2	2.87	—	—	100
Morgan City (LA).....	—	—	—	—	—	—	—	—	1,032	273.2	2.87	—	—	100
Muscatine City of	862	94.3	17.27	1.17	—	—	—	—	8	362.8	3.70	100	—	*
Muscatine (IA).....	862	94.3	17.27	1.17	—	—	—	—	8	362.8	3.70	100	—	*
Nebraska Public Power District	6,117	49.6	8.58	.25	2	497.0	28.84	.00	254	254.2	2.54	100	*	*
Sheldon (NE).....	865	65.1	11.49	.22	—	—	—	—	11	531.0	5.31	100	—	*
Gerald Gentleman (NE).....	5,252	47.0	8.10	.25	2	497.0	28.84	.00	242	241.4	2.41	100	*	*
Nevada Power Co	1,269	126.6	29.49	.56	26	477.7	27.91	.30	22,415	218.9	2.25	56	*	44
Clark (NV).....	—	—	—	—	—	—	—	—	20,842	219.3	2.26	—	—	100
Gardner (NV).....	1,269	126.6	29.49	.56	26	477.7	27.91	.30	—	—	—	99	1	—
Sunrise (NV).....	—	—	—	—	—	—	—	—	1,574	213.4	2.20	—	—	100
New England Power Co	3,817	168.1	41.98	.68	3,473	257.9	16.40	1.65	34,513	317.8	3.26	62	14	23
Brayton (MA).....	3,000	168.3	42.15	.69	369	270.7	17.13	1.39	3,969	252.0	2.59	92	3	5
Salem Harbor (MA).....	817	167.3	41.37	.66	3,103	256.4	16.31	1.68	—	—	—	51	49	—
Manchester St (RI).....	—	—	—	—	—	—	—	—	30,544	326.4	3.35	—	—	100

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels
by Electric Utility and Plant, 1997 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
New Orleans Public Service Inc	—	—	—	—	460	279.7	18.37	1.50	28,253	256.8	2.66	—	9	91
Michoud (LA).....	—	—	—	—	460	279.7	18.37	1.50	28,253	256.8	2.66	—	9	91
New York State Elec & Gas Corp	3,014	132.5	34.64	2.31	15	519.3	29.88	.14	—	—	—	100	*	—
Goudey (NY).....	281	141.0	37.68	2.11	1	522.8	30.08	.14	—	—	—	100	*	—
Greenidge (NY).....	212	143.3	37.66	1.54	2	524.7	30.19	.14	—	—	—	100	*	—
Jennison (NY).....	111	161.5	40.22	1.47	—	—	—	—	—	—	—	100	*	—
Milliken (NY).....	776	131.1	33.90	2.60	3	532.5	30.64	.14	—	—	—	100	*	—
Kintigh (NY).....	1,635	128.4	33.69	2.36	9	513.2	29.53	.14	—	—	—	100	*	—
Niagara Mohawk Power Corp	2,936	132.6	34.90	1.85	27	450.3	26.18	.44	5,970	298.3	3.05	93	*	7
Albany (NY).....	—	—	—	—	—	—	—	—	3,004	258.5	2.64	—	—	100
Huntley (NY).....	1,650	138.2	36.30	1.66	11	463.6	26.76	.41	—	—	—	100	*	—
Dunkirk (NY).....	1,286	125.4	33.11	2.08	16	441.2	25.77	.46	—	—	—	100	*	—
Oswego (NY).....	—	—	—	—	—	—	—	—	2,965	338.7	3.47	—	—	100
Northern Indiana Pub Serv Co	7,871	130.4	25.72	1.35	—	—	—	—	1,994 ²	325.4	3.32	99	*	1
Bailly (IN).....	1,311	140.3	30.62	2.72	—	—	—	—	118	386.2	3.94	100	—	*
Mitchell (IN).....	976	124.2	22.29	.36	—	—	—	—	598	322.2	3.29	97	—	3
Michigan City (IN).....	1,098	134.0	25.62	.68	—	—	—	—	966	306.7	3.13	96	—	4
Rollin Schahfer (IN).....	4,486	127.6	25.06	1.32	—	—	—	—	311	366.6	3.74	100	—	*
Northern States Power Co	13,089	108.5	19.10	.42	15	477.2	27.70	.40	954	309.0	3.13	100	*	*
Black Dog (MN).....	837	108.2	18.98	.23	—	—	—	—	311	259.0	2.63	98	—	2
High Bridge (MN).....	757	101.2	17.93	.23	—	—	—	—	147	276.1	2.82	99	—	1
King (MN).....	1,732	108.0	19.00	.34	—	—	—	—	11	312.0	3.18	100	—	*
Riverside (MN).....	1,261	96.4	17.09	.23	—	—	—	—	42	302.9	3.08	100	—	*
Bay Front (WI).....	77	165.7	39.41	.65	—	—	—	—	444	355.6	3.60	90	—	10
Sherburne County (MN).....	8,425	110.4	19.35	.50	15	477.2	27.70	.40	—	—	—	100	*	—
Ohio Edison Co	7,381	112.1	26.39	1.37	21	453.7	26.40	.27	168	277.7	2.83	100	*	*
Edgewater (OH).....	—	—	—	—	—	—	—	—	168	277.7	2.83	—	—	100
Niles (OH).....	502	102.6	24.74	2.93	2	383.3	22.31	.26	—	—	—	100	*	—
Burger (OH).....	851	90.4	20.63	2.32	4	448.5	26.11	.30	—	—	—	100	*	—
Sammis (OH).....	6,027	115.8	27.34	1.10	15	463.8	26.99	.26	—	—	—	100	*	—
Ohio Power Co	14,462	146.3	34.39	2.71	125	459.4	26.66	.00	—	—	—	100	*	—
Muskingum (OH).....	2,678	184.5	43.90	2.34	50	451.4	26.13	.00	—	—	—	100	*	—
Kammer (WV).....	1,891	86.4	21.20	3.34	6	517.0	30.17	.00	—	—	—	100	*	—
Mitchell (WV).....	2,831	148.5	36.52	.77	37	482.3	27.93	.00	—	—	—	100	*	—
Gavin (OH).....	7,061	147.6	33.46	3.46	32	433.7	25.29	.00	—	—	—	100	*	—
Ohio Valley Electric Corp	2,840	116.1	30.28	1.99	5	475.8	27.18	.30	—	—	—	100	*	—
Kyger Creek (OH).....	2,840	116.1	30.28	1.99	5	475.8	27.18	.30	—	—	—	100	*	—
Oklahoma Gas & Electric Co	9,465	82.7	14.28	.30	17	442.1	26.04	.04	48,300	282.8	2.93	77	*	23
Horseshoe Lake (OK).....	—	—	—	—	—	—	—	—	6,609	250.5	2.60	—	—	100
Muskogee (OK).....	5,328	84.3	14.56	.29	—	—	—	—	754	262.9	2.73	99	—	1
Mustang (OK).....	—	—	—	—	—	—	—	—	3,231	268.3	2.78	—	—	100
Seminole (OK).....	—	—	—	—	—	—	—	—	37,705	290.1	3.01	—	—	100
Sooner (OK).....	4,137	80.6	13.94	.31	17	442.1	26.04	.04	—	—	—	100	*	—
Omaha Public Power District	3,771	69.8	11.88	.43	19	444.7	25.68	.20	323	279.1	2.77	99	*	*
North Omaha (NE).....	2,035	69.9	11.95	.48	—	—	—	—	323	279.1	2.77	99	—	1
Nebraska City (NE).....	1,736	69.7	11.79	.37	19	444.7	25.68	.20	—	—	—	100	*	—
Orange & Rockland Utils Inc	793	187.0	48.20	.60	634	288.0	18.09	.30	15,819	309.0	3.19	50	10	40
Bowline (NY).....	—	—	—	—	634	288.0	18.09	.30	12,771	293.6	3.03	—	23	77
Lovett (NY).....	793	187.0	48.20	.60	—	—	—	—	3,048	373.5	3.86	87	—	13
Orlando Utilities Comm	2,309	180.0	45.67	1.23	790	279.5	17.84	1.04	9,083 ²	308.2	3.20	80	7	13
Stanton Energy (FL).....	2,309	180.0	45.67	1.23	11	404.6	24.48	.60	—	—	—	100	*	—
Indian River (FL).....	—	—	—	—	779	277.9	17.74	1.04	9,083	308.2	3.20	—	35	65

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Orrville City of	190	97.8	22.66	3.68	—	—	—	—	—	—	—	100	—	—
Orrville (OH)	190	97.8	22.66	3.68	—	—	—	—	—	—	—	100	—	—
Otter Tail Power Co	2,230	96.5	16.92	.59	3	471.4	27.72	0.31	—	—	—	100	*	—
Hoot Lake (MN)	296	124.0	23.05	.36	3	471.4	27.72	.31	—	—	—	100	*	—
Big Stone (SD)	1,934	92.0	15.99	.63	—	—	—	—	—	—	—	100	—	—
Owensboro City of	1,347	96.4	21.22	3.19	2	444.1	26.00	.00	—	—	—	99	1	—
Smith (KY)	1,347	96.4	21.22	3.19	2	444.1	26.00	.00	—	—	—	99	1	—
Pacific Gas & Electric Co	—	—	—	—	—	—	—	—	146,492	274.1	2.82	—	—	100
Contra Costa (CA)	—	—	—	—	—	—	—	—	13,441	280.6	2.88	—	—	100
Humboldt Bay (CA)	—	—	—	—	—	—	—	—	2,129	287.6	2.96	—	—	100
Hunters Point (CA)	—	—	—	—	—	—	—	—	12,191	286.1	2.92	—	—	100
Morro Bay (CA)	—	—	—	—	—	—	—	—	16,034	272.5	2.79	—	—	100
Moss Landing (CA)	—	—	—	—	—	—	—	—	56,627	270.1	2.77	—	—	100
Pittsburg (CA)	—	—	—	—	—	—	—	—	38,851	274.5	2.84	—	—	100
Potrero (CA)	—	—	—	—	—	—	—	—	7,218	270.7	2.76	—	—	100
PacifiCorp	29,668	96.3	18.22	.55	83	533.4	31.36	.30	2,305	231.8	2.39	99	*	*
Carbon (UT)	669	60.0	14.28	.44	1	873.3	51.35	.30	—	—	—	100	*	—
Gadsby (UT)	—	—	—	—	—	—	—	—	2,207	203.0	2.09	—	—	100
Centralia (WA)	4,781	162.5	26.13	.62	15	497.9	29.28	.30	—	—	—	100	*	—
Johnston (WY)	4,249	54.2	8.54	.48	15	522.5	30.72	.30	—	—	—	100	*	—
Naughton (WY)	2,632	113.2	22.31	.76	—	—	—	—	98	875.9	9.12	100	—	*
Wyodak (WY)	2,153	70.6	11.29	.58	3	563.0	33.11	.30	—	—	—	100	*	—
Emery-Hunter (UT)	4,536	88.0	19.71	.45	11	558.2	32.82	.30	—	—	—	100	*	—
Jim Bridger (WY)	7,674	104.8	19.93	.58	29	524.3	30.83	.30	—	—	—	100	*	—
Huntington (UT)	2,974	65.6	14.93	.43	9	562.1	33.05	.30	—	—	—	100	*	—
Painesville City of	94	138.4	34.52	2.51	—	—	—	—	10	552.7	5.53	100	—	*
Painesville (OH)	94	138.4	34.52	2.51	—	—	—	—	10	552.7	5.53	100	—	*
Pasadena City of	—	—	—	—	—	—	—	—	1,975	342.9	3.48	—	—	100
Broadway (CA)	—	—	—	—	—	—	—	—	1,975	342.9	3.48	—	—	100
Pennsylvania Electric Co	18,687	123.6	29.85	1.98	57	447.8	26.10	.05	3	347.1	3.58	100	*	*
Conemaugh (PA)	4,699	118.2	29.62	2.22	—	—	—	—	3	347.1	3.58	100	—	*
Homer City (PA)	6,493	124.2	28.49	2.02	19	441.6	25.73	.05	—	—	—	100	*	—
Seward (PA)	547	111.0	26.33	1.57	9	452.8	26.40	.05	—	—	—	100	*	—
Shawville (PA)	1,633	114.3	27.98	1.84	23	454.9	26.52	.05	—	—	—	100	*	—
Warren (PA)	165	123.5	30.04	1.86	6	433.3	25.26	.05	—	—	—	99	1	—
Keystone (PA)	5,150	132.2	32.74	1.81	—	—	—	—	—	—	—	100	—	—
Pennsylvania Power & Light Co	8,342	144.9	35.63	1.66	1,634	260.7	16.71	.82	917	327.8	3.39	95	5	*
Brunner Island (PA)	2,752	154.2	40.29	1.59	43	456.8	26.74	.17	—	—	—	100	*	—
Holtwood (PA)	225	120.6	19.35	.58	1	416.3	24.20	.25	—	—	—	100	*	—
Martins Creek (PA)	648	131.0	34.53	1.71	—	—	—	—	917	327.8	3.39	95	—	5
Montour (PA)	3,481	145.8	36.71	1.98	97	457.0	26.46	.10	—	—	—	99	1	—
Sunbury (PA)	1,236	128.1	25.74	1.10	2	431.6	25.13	.10	—	—	—	100	*	—
Storage Facility # 1	—	—	—	—	1,491	243.8	15.77	.89	—	—	—	—	—	100
Pennsylvania Power Co	6,750	161.4	38.48	3.40	35	419.6	24.43	.11	—	—	—	100	*	—
New Castle (PA)	789	111.8	25.69	1.61	—	—	—	—	—	—	—	100	—	—
Bruce Mansfield (PA)	5,961	167.7	40.17	3.64	35	419.6	24.43	.11	—	—	—	100	*	—
Philadelphia Electric Co	1,473	142.1	37.55	1.56	1,271	297.7	18.90	.43	1,893	266.0	2.75	80	16	4
Cromby (PA)	392	141.6	37.34	1.59	282	307.6	19.64	.56	129	285.8	2.96	84	15	1
Delaware (PA)	—	—	—	—	134	291.5	18.58	.34	—	—	—	—	—	100
Eddystone (PA)	1,081	142.3	37.63	1.55	845	295.3	18.71	.40	1,765	264.6	2.73	80	15	5
Schuylkill (PA)	—	—	—	—	10	309.2	19.41	.31	—	—	—	—	—	100
Plains Elec Gen&Trans Coop Inc	1,071	123.7	22.69	.71	—	—	—	—	359	398.2	3.30	99	—	1
Escalante (NM)	1,071	123.7	22.69	.71	—	—	—	—	359	398.2	3.30	99	—	1

See footnotes at end of table.
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels
by Electric Utility and Plant, 1997 (Continued)**

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Platte River Power Authority	1,091	74.2	13.01	0.22	—	—	—	—	—	—	—	100	—	—
Rawhide (CO).....	1,091	74.2	13.01	.22	—	—	—	—	—	—	—	100	—	—
Portland General Electric Co	875	113.9	19.95	.33	17	490.2	28.82	*	10,969	147.6	1.49	58	*	42
Boardman (OR).....	875	113.9	19.95	.33	1	445.7	26.21	0.05	—	—	—	100	*	—
Coyote Springs (OR).....	—	—	—	—	16	492.9	28.98	*	5,332	141.7	1.43	—	2	98
Beaver (OR).....	—	—	—	—	—	—	—	—	5,637	153.1	1.55	—	—	100
Potomac Edison Co	108	130.5	32.22	.97	3	430.6	25.50	.30	—	—	—	99	1	—
Smith (MD).....	108	130.5	32.22	.97	3	430.6	25.50	.30	—	—	—	99	1	—
Potomac Electric Power Co	5,619	158.8	41.49	1.33	1,555	310.1	19.54	.81	3,968 ²	277.9	2.89	91	6	3
Benning (DC).....	—	—	—	—	139	357.7	21.69	.88	—	—	—	—	100	—
Chalk (MD).....	1,309	164.2	43.34	1.33	1,323	297.7	18.94	.84	3,968 ²	277.9	2.89	73	18	9
Dickerson (MD).....	1,099	142.4	37.03	1.44	17	451.8	26.35	.20	—	—	—	100	*	—
Morgantown (MD).....	2,438	164.9	43.06	1.46	60	419.4	24.43	.29	—	—	—	99	1	—
Potomac River (VA).....	773	153.6	39.77	.74	15	434.3	25.32	.20	—	—	—	100	*	—
Power Authority of State of NY	—	—	—	—	1,905	292.9	18.33	.28	25,325	345.8	3.55	—	31	69
Poletti (NY).....	—	—	—	—	1,849	290.3	18.21	.29	16,628	275.6	2.86	—	40	60
Richard Flynn (NY).....	—	—	—	—	56	384.0	22.30	.14	8,697	483.2	4.89	—	4	96
Public Service Co of Colorado	9,554	95.7	18.58	.37	—	—	—	—	1,912 ²	312.3	3.10	99	—	1
Arapahoe (CO).....	777	85.6	15.56	.31	—	—	—	—	735	236.8	2.33	95	—	5
Cameo (CO).....	266	86.3	18.61	.57	—	—	—	—	37	386.6	3.90	99	—	1
Cherokee (CO).....	2,100	110.1	24.78	.47	—	—	—	—	326	268.1	2.64	99	—	1
Comanche (CO).....	2,517	95.6	16.45	.25	—	—	—	—	111	271.8	2.70	100	—	*
Valmont (CO).....	469	118.9	26.18	.43	—	—	—	—	181	240.2	2.36	98	—	2
Zuni (CO).....	—	—	—	—	—	—	—	—	371	285.5	2.82	—	—	100
Hayden (CO).....	1,632	80.7	17.21	.41	—	—	—	—	37	2,605.1	29.01	100	—	*
Pawnee (CO).....	1,794	89.2	14.88	.38	—	—	—	—	114	307.1	3.24	100	—	*
PSI Energy Inc	14,014	115.1	25.71	1.83	228	459.2	26.42	.30	—	—	—	100	*	—
Cayuga (IN).....	2,973	121.5	26.64	1.70	11	501.8	28.87	.30	—	—	—	100	*	—
Edwardsport (IN).....	251	95.9	21.39	1.91	*	406.9	23.41	.30	—	—	—	100	*	—
Noblesville (IN).....	161	118.0	26.56	2.25	3	466.4	26.86	.30	—	—	—	99	1	—
Gallagher (IN).....	985	106.8	27.61	2.13	46	457.3	26.31	.30	—	—	—	99	1	—
Wabash River (IN).....	1,809	111.0	24.19	1.57	130	461.0	26.53	.30	—	—	—	98	2	—
Gibson Station (IN).....	7,834	115.5	25.59	1.88	38	442.7	25.47	.30	—	—	—	100	*	—
Public Service Co of NH	1,628	163.2	42.62	1.42	1,594	263.6	16.89	1.28	302	266.6	2.71	80	19	1
Merrimack (NH).....	1,194	164.2	43.43	1.58	5	500.3	28.95	.27	—	—	—	100	*	—
Schiller (NH).....	434	160.3	40.39	.98	—	—	—	—	—	—	—	100	—	—
Newington Station (NH).....	—	—	—	—	1,589	262.9	16.86	1.28	302	266.6	2.71	—	97	3
Public Service Co of NM	6,856	158.9	29.62	.87	45	574.6	32.82	.94	1,081	325.5	3.35	99	*	1
Reeves (NM).....	—	—	—	—	—	—	—	—	1,081	325.5	3.35	—	—	100
San Juan (NM).....	6,856	158.9	29.62	.87	45	574.6	32.82	.94	—	—	—	100	*	—
Public Service Co of Oklahoma	4,062	112.4	19.82	.26	22	384.6	22.62	.50	67,977 ²	302.5	3.10	51	*	49
Northeastern (OK).....	4,062	112.4	19.82	.26	22	384.6	22.62	.50	17,950 ²	309.8	3.17	79	*	20
Southwestern (OK).....	—	—	—	—	—	—	—	—	10,600 ²	303.5	3.15	—	—	100
Tulsa (OK).....	—	—	—	—	—	—	—	—	3,194 ²	276.7	2.82	—	—	100
Riverside (OK).....	—	—	—	—	—	—	—	—	22,465 ²	294.7	3.01	—	—	100
Comanche (CS) (OK).....	—	—	—	—	—	—	—	—	13,767 ²	311.0	3.19	—	—	100
Public Service Electric&Gas Co	1,301	173.1	46.10	.80	96	458.7	26.52	.07	15,562	293.1	3.04	67	1	31
Bergen (NJ).....	—	—	—	—	20	588.3	33.08	.00	9,840	297.0	3.08	—	1	99
Burlington (NJ).....	—	—	—	—	45	458.3	25.72	.01	1,702	294.2	3.05	—	13	87
Hudson (NJ).....	420	169.3	42.87	.85	*	443.7	25.74	.20	1,574	283.0	2.92	87	*	13
Kearny (NJ).....	—	—	—	—	10	403.7	24.84	.28	—	—	—	—	100	—
Linden (NJ).....	—	—	—	—	1	408.3	24.50	.30	—	—	—	—	100	—
Mercer (NJ).....	881	174.7	47.64	.78	—	—	—	—	906	293.8	3.05	96	—	4
Sewaren (NJ).....	—	—	—	—	20	369.0	22.59	.19	1,540	276.7	2.87	—	7	93

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o a l	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Richmond City of	245	155.7	34.62	2.20	—	—	—	—	—	—	—	100	—	—
Whitewater (IN)	245	155.7	34.62	2.20	—	—	—	—	—	—	—	100	—	—
Rochester Public Utilities	119	162.5	38.54	1.35	—	—	—	—	71	316.9	3.22	98	—	2
Silver Lake (MN)	119	162.5	38.54	1.35	—	—	—	—	71	316.9	3.22	98	—	2
Rochester Gas & Electric Corp.	618	139.8	37.26	2.22	—	—	—	—	—	—	—	100	—	—
Russell Station 7 (NY)	618	139.8	37.26	2.22	—	—	—	—	—	—	—	100	—	—
Ruston City of	—	—	—	—	—	—	—	—	2,097	256.1	2.68	—	—	100
Steam Plant (LA)	—	—	—	—	—	—	—	—	2,097	256.1	2.68	—	—	100
Sacramento Municipal Utility	—	—	—	—	—	—	—	—	8,947	234.8	2.35	—	—	100
Central Valley (CA)	—	—	—	—	—	—	—	—	3,471	241.8	2.42	—	—	100
SCA Cogen Proj (CA)	—	—	—	—	—	—	—	—	4,797	227.2	2.27	—	—	100
SPA Cogen Proj (CA)	—	—	—	—	—	—	—	—	678	252.8	2.53	—	—	100
Salt River Proj Ag I & P Dist	8,741	143.1	30.58	.52	80	580.0	33.87	0.28	6,278 ²	320.1	3.24	96	*	3
Agua Fria (AZ)	—	—	—	—	—	—	—	—	3,443 ²	312.4	3.17	—	—	100
Kyrene (AZ)	—	—	—	—	—	—	—	—	109 ²	782.3	7.92	—	—	100
Navajo (AZ)	6,646	118.6	25.97	.55	47	583.6	34.21	.31	—	—	—	100	*	—
Coronado (AZ)	2,095	229.0	45.22	.44	33	574.8	33.39	.24	—	—	—	100	*	—
Santan (AZ)	—	—	—	—	—	—	—	—	2,726 ²	311.4	3.15	—	—	100
San Antonio City of	4,854	98.9	16.61	.36	19	394.7	23.72	.24	37,479	263.4	2.67	68	*	32
Leon Creek (TX)	—	—	—	—	—	—	—	—	424	270.2	2.73	—	—	100
Mission Rd (TX)	—	—	—	—	—	—	—	—	253	268.1	2.71	—	—	100
Sommers (TX)	—	—	—	—	—	—	—	—	22,319	261.9	2.66	—	—	100
Braunig (TX)	—	—	—	—	19	394.7	23.72	.24	12,909	265.7	2.70	—	1	99
Tuttle (TX)	—	—	—	—	—	—	—	—	1,548	263.2	2.66	—	—	100
JT Deely/Spruce (TX)	4,854	98.9	16.61	.36	—	—	—	—	26	264.5	2.68	100	—	*
San Diego Gas & Electric Co	—	—	—	—	—	—	—	—	48,430	299.9	3.03	—	—	100
Encina (CA)	—	—	—	—	—	—	—	—	25,105	297.8	3.00	—	—	100
South Bay (CA)	—	—	—	—	—	—	—	—	23,325	302.3	3.05	—	—	100
San Miguel Electric Coop Inc	3,427	82.7	8.72	1.80	20	407.2	23.62	.66	—	—	—	100	*	—
San Miquel (TX)	3,427	82.7	8.72	1.80	20	407.2	23.62	.66	—	—	—	100	*	—
Savannah Electric & Power Co	658	138.2	31.23	1.05	5	446.0	25.85	.50	1,539 ²	213.8	2.19	90	*	10
Kraft (GA)	279	135.1	32.29	1.28	—	—	—	—	1,170	199.7	2.05	85	*	15
Riverside (GA)	—	—	—	—	—	—	—	—	369 ²	258.3	2.64	—	—	100
McIntosh (GA)	379	140.8	30.44	.89	5	446.0	25.85	.50	—	—	—	100	*	—
Seminole Electric Coop Inc	3,920	175.4	42.47	2.85	42	458.9	26.66	.27	—	—	—	100	*	—
Seminole (FL)	3,920	175.4	42.47	2.85	42	458.9	26.66	.27	—	—	—	100	*	—
Sierra Pacific Power Co	1,183	170.8	39.39	.42	12	573.6	33.25	.05	29,184	203.4	2.09	48	*	52
Fort Churchill (NV)	—	—	—	—	—	—	—	—	9,840	201.4	2.07	—	—	100
Tracy (NV)	—	—	—	—	—	—	—	—	14,081	203.6	2.09	—	—	100
Pinon Pine (NV)	—	—	—	—	—	—	—	—	5,263	206.6	2.12	—	—	100
North Valmy (NV)	1,183	170.8	39.39	.42	12	573.6	33.25	.05	—	—	—	100	*	—
Sikeston City of	943	99.3	20.26	1.79	3	411.9	24.39	.26	—	—	—	100	*	—
Sikeston (MO)	943	99.3	20.26	1.79	3	411.9	24.39	.26	—	—	—	100	*	—
South Carolina Electric & Gas Co	5,137	153.8	39.41	1.19	102	460.2	26.67	.20	196	397.6	4.07	99	*	*
Canadys (SC)	412	153.8	39.28	1.44	32	482.5	27.97	.20	106	392.5	4.02	97	2	1
Mcmeekin (SC)	503	151.8	39.71	1.42	3	437.9	25.38	.20	36	398.6	4.08	100	*	*
Urguhart (SC)	402	151.5	39.20	1.36	2	485.5	28.14	.20	54	406.8	4.17	99	*	1
Waterree (SC)	1,409	148.9	37.52	1.35	45	458.5	26.57	.20	—	—	—	99	1	—
Williams (SC)	1,582	160.8	41.64	.79	7	433.5	25.13	.20	—	—	—	100	*	—
Cope (SC)	828	150.8	38.33	1.33	13	428.4	24.83	.20	—	—	—	100	*	—

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
South Carolina Pub Serv Auth.....	6,040	136.4	35.38	1.20	—	—	—	—	—	—	—	100	—	—
Cross (SC).....	2,707	136.1	35.35	1.14	—	—	—	—	—	—	—	100	—	—
Grainger (SC).....	154	151.9	39.95	1.47	—	—	—	—	—	—	—	100	—	—
Jefferies (SC).....	591	132.0	34.95	1.54	—	—	—	—	—	—	—	100	—	—
Winyah (SC).....	2,588	136.8	35.25	1.18	—	—	—	—	—	—	—	100	—	—
South Mississippi El Pwr Assn.....	973	201.6	49.88	.96	15	424.8	24.90	0.13	5,075	259.2	2.68	82	*	18
Moselle (MS).....	—	—	—	—	10	426.5	24.98	.04	5,075	259.2	2.68	—	1	99
R D Morrow (MS).....	973	201.6	49.88	.96	5	421.5	24.75	.31	—	—	—	100	—	—
Southern California Edison Co.....	4,399	134.1	29.33	.51	—	—	—	—	143,229	325.4	3.31	40	—	60
Alamitos (CA).....	—	—	—	—	—	—	—	—	42,761	334.8	3.37	—	—	100
Cool Water (CA).....	—	—	—	—	—	—	—	—	12,631	274.7	2.71	—	—	100
El Segundo (CA).....	—	—	—	—	—	—	—	—	11,671	339.1	3.49	—	—	100
Etiwanda (CA).....	—	—	—	—	—	—	—	—	10,978	327.0	3.30	—	—	100
Highgrove (CA).....	—	—	—	—	—	—	—	—	50	314.2	3.17	—	—	100
Huntington Beach (CA).....	—	—	—	—	—	—	—	—	8,006	322.5	3.29	—	—	100
Long Beach (CA).....	—	—	—	—	—	—	—	—	1,831	324.8	3.29	—	—	100
Mandalay (CA).....	—	—	—	—	—	—	—	—	12,930	321.0	3.37	—	—	100
Ormond Beach (CA).....	—	—	—	—	—	—	—	—	15,393	310.6	3.19	—	—	100
Redondo (CA).....	—	—	—	—	—	—	—	—	26,152	338.4	3.45	—	—	100
San Bernardino (CA).....	—	—	—	—	—	—	—	—	236	310.4	3.14	—	—	100
Mohave (NV).....	4,399	134.1	29.33	.51	—	—	—	—	590	361.9	3.71	99	—	1
Southern Illinois Power Coop.....	851	85.8	17.68	3.19	10	487.1	27.76	.00	—	—	—	100	*	—
Marion (IL).....	851	85.8	17.68	3.19	10	487.1	27.76	.00	—	—	—	100	—	—
Southern Indiana Gas & Elec Co.....	2,963	91.2	20.75	3.32	—	—	—	—	136	356.7	3.67	100	—	*
Culley (IN).....	1,044	91.4	20.65	3.11	—	—	—	—	29	351.6	3.62	100	—	*
A B Brown (IN).....	1,387	89.2	20.57	3.85	—	—	—	—	101	354.3	3.65	100	—	*
Warrick (IN).....	532	96.4	21.44	2.37	—	—	—	—	5	429.0	4.41	100	—	*
Southwestern Electric Power Co.....	11,706	144.5	22.44	.81	47	396.3	23.74	.00	31,367	259.7	2.64	85	—	15
Arsenal Hill (LA).....	—	—	—	—	—	—	—	—	1,398	265.6	2.75	—	—	100
Lieberman (LA).....	—	—	—	—	8	332.7	20.95	.00	3,322	246.6	2.47	—	1	99
Knox Lee (TX).....	—	—	—	—	6	363.9	22.53	.00	9,601	260.1	2.68	—	—	100
Lone Star (TX).....	—	—	—	—	—	—	—	—	210	251.1	2.51	—	—	100
Wilkes (TX).....	—	—	—	—	2	411.8	24.21	.00	16,777	261.6	2.64	—	—	100
Flint Creek (AR).....	2,014	147.0	24.91	.36	5	446.0	26.23	.00	—	—	—	100	—	*
Welsh Station (TX).....	5,560	169.6	28.51	.36	26	414.4	24.37	.00	—	—	—	100	—	*
Pirkey (TX).....	4,132	99.6	13.07	1.64	—	—	—	—	59	283.6	2.93	100	—	*
Southwestern Public Service Co.....	9,008	184.3	31.98	.35	—	—	—	—	66,139	255.5	2.58	70	—	30
Maddox (NM).....	—	—	—	—	—	—	—	—	6,597	253.6	2.54	—	—	100
Cunningham (NM).....	—	—	—	—	—	—	—	—	13,873	256.8	2.63	—	—	100
Jones (TX).....	—	—	—	—	—	—	—	—	22,677	257.3	2.58	—	—	100
Moore (TX).....	—	—	—	—	—	—	—	—	607	247.6	2.48	—	—	100
Nichols (TX).....	—	—	—	—	—	—	—	—	13,592	252.9	2.56	—	—	100
Plant X (TX).....	—	—	—	—	—	—	—	—	8,295	253.2	2.54	—	—	100
Harrington (TX).....	4,547	166.2	28.91	.36	—	—	—	—	143	307.2	3.03	100	—	*
Tolk (TX).....	4,461	202.8	35.11	.35	—	—	—	—	354	268.6	2.69	100	—	*
Springfield City of.....	1,195	115.2	24.10	3.20	—	—	—	—	—	—	—	100	—	—
Dallman (IL).....	1,100	115.1	24.08	3.20	—	—	—	—	—	—	—	100	—	—
Lakeside (IL).....	95	116.5	24.42	3.16	—	—	—	—	—	—	—	100	—	—
Springfield City of.....	1,215	117.7	21.93	.32	—	—	—	—	892	245.3	2.49	96	—	4
James River (MO).....	660	123.5	23.97	.40	—	—	—	—	700	235.5	2.39	95	—	5
Southwest (MO).....	555	110.0	19.50	.23	—	—	—	—	192	281.0	2.85	98	—	2
St Joseph Light & Power Co.....	387	103.5	21.80	2.40	70	254.1	16.66	1.53	462	272.3	2.67	90	5	5
Lakeroad (MO).....	387	103.5	21.80	2.40	70	254.1	16.66	1.53	462	272.3	2.67	90	5	5
Sunflower Electric Coop Inc.....	1,112	115.6	19.51	.34	—	—	—	—	136	310.5	3.04	99	—	1
Holcomb (KS).....	1,112	115.6	19.51	.34	—	—	—	—	136	310.5	3.04	99	—	1

See footnotes at end of table.
 Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Tacoma Public Utilities	11	169.0	34.51	0.46	*	541.1	31.36	0.50	15	4,519.5	47.38	99	*	*
Steam No.2 (WA)	11	169.0	34.51	.46	*	541.1	31.36	.50	15	4,519.5	47.38	99	*	*
Tallahassee City of	—	—	—	—	—	—	—	—	15,819	312.0	3.25	—	—	100
Hopkins (FL)	—	—	—	—	—	—	—	—	12,553	311.7	3.25	—	—	100
Purdom (FL)	—	—	—	—	—	—	—	—	3,266	313.2	3.27	—	—	100
Tampa Electric Co⁵	8,143	160.2	36.61	1.93	689	366.5	22.12	.52	—	—	—	98	2	—
Big Bend (FL)	—	—	—	—	40	458.3	26.58	.22	—	—	—	—	83	17
Gannon (FL)	961	245.1	62.64	1.23	87	442.4	25.66	.21	—	—	—	—	98	2
Hookers Point (FL)	—	—	—	—	307	282.4	17.83	.94	—	—	—	—	—	100
Polk Station (FL)	—	—	—	—	255	435.7	25.35	.16	—	—	—	—	—	100
Davant Transfer (LA)	7,182	147.3	33.12	2.02	—	—	—	—	—	—	—	100	—	—
Taunton City of	—	—	—	—	679	312.3	19.92	1.00	1,068	289.2	2.97	—	80	20
Cleary (MA)	—	—	—	—	679	312.3	19.92	1.00	1,068	289.2	2.97	—	80	20
Tennessee Valley Authority⁶	43,911	110.6	25.70	2.25	331	422.2	24.81	.50	—	—	—	100	*	—
Colbert (AL)	1,985	115.2	28.22	1.58	102	389.3	22.88	.50	—	—	—	99	1	—
Widows Creek (AL)	2,857	116.7	28.07	2.70	40	425.2	24.99	.50	—	—	—	100	*	—
Paradise (KY)	8,351	93.4	20.01	4.12	4	431.3	25.34	.50	—	—	—	100	*	—
Shawnee (KY)	3,364	125.5	28.56	.80	23	443.6	26.06	.50	—	—	—	100	*	—
Bull Run (TN)	2,396	111.0	27.93	1.45	32	410.9	24.14	.50	—	—	—	100	*	—
Cumberland (TN)	8,027	106.3	24.76	2.87	38	432.9	25.44	.50	—	—	—	100	*	—
Gallatin (TN)	1,423	117.3	28.74	2.57	10	369.2	21.69	.50	—	—	—	100	*	—
Sevier (TN)	2,089	125.9	32.02	1.72	4	440.3	25.87	.50	—	—	—	100	*	—
Johnsonville (TN)	2,788	115.6	28.06	1.80	60	473.5	27.82	.50	—	—	—	99	1	—
Kingston (TN)	3,844	121.2	30.39	1.26	17	425.0	24.97	.50	—	—	—	100	*	—
GRT Terminal (TN)	3,670	107.6	23.95	1.52	—	—	—	—	—	—	—	100	—	—
Cora Transfer (TN)	2,142	105.6	21.98	.47	—	—	—	—	—	—	—	100	—	—
Cahokia (AL)	973	113.9	26.46	.50	—	—	—	—	—	—	—	100	—	—
Terrebonne Parish Consol Govt	—	—	—	—	—	—	—	—	1,153	250.6	2.68	—	—	100
Houma (LA)	—	—	—	—	—	—	—	—	1,153	250.6	2.68	—	—	100
Texas Municipal Power Agency	1,824	121.5	21.09	.31	—	—	—	—	58	266.2	2.72	100	—	*
Gibbons Creek (TX)	1,824	121.5	21.09	.31	—	—	—	—	58	266.2	2.72	100	—	*
Texas-New Mexico Power Co	1,756	139.7	19.03	.82	—	—	—	—	102	291.5	2.97	100	—	*
TNP One (Tx)	1,756	139.7	19.03	.82	—	—	—	—	102	291.5	2.97	100	—	*
Texas Utilities Electric Co⁷	33,272	98.9	12.94	.90	418	462.6	26.81	.00	348,167	279.7	2.86	55	*	45
Dallas (TX)	—	—	—	—	—	—	—	—	*	237.8	2.41	—	—	100
Lake Hubbard (TX)	—	—	—	—	72	448.3	25.99	.00	22,609	280.8	2.89	—	2	98
Mountain Creek (TX)	—	—	—	—	—	—	—	—	26,082	281.2	2.86	—	—	100
North Lake (TX)	—	—	—	—	10	489.1	28.35	.00	15,990	278.7	2.84	—	*	100
Parkdale (TX)	—	—	—	—	—	—	—	—	5,265	277.6	2.79	—	—	100
Eagle Mountain (TX)	—	—	—	—	—	—	—	—	7,965	279.7	2.85	—	—	100
Graham (TX)	—	—	—	—	—	—	—	—	21,643	276.1	2.83	—	—	100
Handley (TX)	—	—	—	—	89	489.7	28.38	.00	35,943	277.7	2.83	—	1	99
Morgan Creek (TX)	—	—	—	—	—	—	—	—	28,443	277.6	2.81	—	—	100
Permian Basin (TX)	—	—	—	—	—	—	—	—	29,587	283.1	2.89	—	—	100
Big Brown (TX)	5,126	101.8	13.49	.74	—	—	—	—	726	286.1	2.93	99	—	1
Collin (TX)	—	—	—	—	—	—	—	—	2,674	281.3	2.84	—	—	100
Lake Creek (TX)	—	—	—	—	71	490.3	28.42	.00	7,625	281.8	2.91	—	5	95
Stryker (TX)	—	—	—	—	1	455.1	26.38	.00	19,970	283.3	2.97	—	*	100
Tradinghouse (TX)	—	—	—	—	—	—	—	—	51,379	276.5	2.83	—	—	100
Trinidad (TX)	—	—	—	—	—	—	—	—	5,850	277.1	2.81	—	—	100
Valley (TX)	—	—	—	—	52	454.5	26.34	.00	28,399	283.9	2.89	—	1	99
Martin Lake (TX)	13,056	83.8	11.06	1.24	53	423.6	24.55	.00	—	—	—	100	*	—
Monticello (TX)	11,546	115.7	14.77	.48	35	428.3	24.82	.00	—	—	—	100	*	—
Sandow No 4 (TX)	3,544	97.4	13.11	1.22	—	—	—	—	—	—	—	100	—	—
Decordova (TX)	—	—	—	—	35	465.4	26.97	.00	38,018	280.9	2.86	—	1	99

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		Coal	Petroleum	Gas
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Toledo Edison Co	1,539	131.3	25.82	.43	6	433.9	25.26	.38	—	—	—	100	*	—
Bay Shore (OH)	1,539	131.3	25.82	.43	6	433.9	25.26	.38	—	—	—	100	*	—
Tri State G & T Assn Inc	4,550	106.0	21.69	.42	—	—	—	—	66	228.8	2.51	100	*	*
Nucla (CO)	386	82.6	17.76	.90	—	—	—	—	—	—	—	100	*	—
Craig (CO)	4,163	108.3	22.05	.37	—	—	—	—	66	228.8	2.51	100	—	*
Tucson Electric Power Co	3,563	150.3	28.20	.69	5	520.0	30.61	.05	2,955	282.1	2.87	96	*	4
Irvington (AZ)	351	190.5	37.92	.43	—	—	—	—	2,955	282.1	2.87	70	—	30
Springerville (AZ)	3,212	145.7	27.14	.71	5	520.0	30.61	.05	—	—	—	100	*	—
Union Electric Co	14,618	97.3	17.45	.51	107	455.9	26.38	.22	1,935	270.0	2.76	99	*	1
Venice No.2 (IL)	—	—	—	—	66	467.7	27.15	.19	1,272	256.3	2.62	—	23	77
Labadie (MO)	7,372	89.8	15.78	.36	20	426.2	24.52	.26	—	—	—	100	*	—
Meramec (MO)	1,119	128.1	26.86	.85	—	—	—	—	662	296.4	3.03	97	*	3
Sioux (MO)	2,386	111.6	21.06	1.05	7	460.7	26.51	.29	—	—	—	100	*	—
Rush Island (MO)	3,741	91.4	15.63	.35	14	439.8	25.30	.29	—	—	—	100	*	—
United Illuminating Co	952	190.5	50.02	.54	4,789	281.3	17.99	.91	282	257.0	2.65	45	55	1
Bridgeport Harbor (CT)	952	190.5	50.02	.54	955	277.3	17.70	.88	—	—	—	80	20	—
New Haven Hbr (CT)	—	—	—	—	3,833	282.3	18.07	.92	282	257.0	2.65	—	99	1
United Power Assn	1,041	73.5	9.77	.69	3	500.7	28.81	.40	—	—	—	100	*	—
Stanton (ND)	1,041	73.5	9.77	.69	3	500.7	28.81	.40	—	—	—	100	*	—
UtiliCorp United Inc	1,386	95.8	18.93	.45	—	—	—	—	—	—	—	100	—	—
Sibley (MO)	1,386	95.8	18.93	.45	—	—	—	—	—	—	—	100	—	—
Vero Beach City of	—	—	—	—	6	458.4	27.31	.38	2,654	344.1	3.59	—	1	99
Vero Beach (FL)	—	—	—	—	6	458.4	27.31	.38	2,654	344.1	3.59	—	1	99
Vineland City of	16	192.4	49.75	.77	40	307.5	19.39	.76	—	—	—	62	38	—
H M Down (NJ)	16	192.4	49.75	.77	40	307.5	19.39	.76	—	—	—	62	38	—
Virginia Electric & Power Co	12,602	131.2	32.63	1.28	1,360	283.0	17.62	1.07	8,619	274.0	2.93	95	3	3
Bremo Bluff (VA)	566	138.6	33.08	.95	7	456.5	26.84	.20	—	—	—	100	*	—
Chesterfield (VA)	2,890	142.4	35.64	1.09	—	—	—	—	7,593	292.9	3.06	90	—	10
Chesapeake Energy (VA)	1,735	141.6	36.12	1.12	17	425.4	25.01	.20	—	—	—	100	*	—
Possum Point (VA)	816	144.3	35.87	1.00	267	300.2	18.83	.64	—	—	—	92	8	—
Yorktown (VA)	733	146.8	36.58	1.31	4	433.2	25.47	.20	1,027	157.7	1.97	93	*	7
Mount Storm (WV)	3,958	111.1	27.19	1.67	43	497.1	29.23	.20	—	—	—	100	*	—
Clover (VA)	1,904	131.4	33.16	1.08	11	453.8	26.69	.10	—	—	—	100	*	—
Storage Facility # 1	—	—	—	—	1,011	264.2	16.49	1.25	—	—	—	—	100	—
West Penn Power Co	4,984	133.9	34.08	2.19	26	447.2	26.48	.30	27 ²	403.7	4.04	100	*	*
Armstrong (PA)	906	111.1	27.94	1.85	5	463.7	27.46	.30	—	—	—	100	*	—
Hatfield (PA)	3,467	140.3	36.08	2.09	10	447.5	26.50	.30	—	—	—	100	*	—
Mitchell (PA)	611	130.4	31.85	3.25	11	439.8	26.04	.30	27 ²	403.7	4.04	99	*	*
WestPlains Energy	—	—	—	—	—	—	—	—	7,309	248.0	2.45	—	—	100
Cimarron River (KS)	—	—	—	—	—	—	—	—	1,151	241.3	2.36	—	—	100
Large (KS)	—	—	—	—	—	—	—	—	4,613	254.2	2.50	—	—	100
Mullergren (KS)	—	—	—	—	—	—	—	—	1,545	235.0	2.35	—	—	100
West Texas Utilities Co	2,635	138.3	23.38	.43	—	—	—	—	32,862 ²	273.4	2.76	57	—	43
Oklunion (TX)	2,635	138.3	23.38	.43	—	—	—	—	—	—	—	100	—	—
Oak Creek (TX)	—	—	—	—	—	—	—	—	4,695	274.0	2.81	—	—	100
Paint Creek (TX)	—	—	—	—	—	—	—	—	2,327	283.3	2.86	—	—	100
Rio Pecos (TX)	—	—	—	—	—	—	—	—	5,599	232.2	2.34	—	—	100
San Angelo (TX)	—	—	—	—	—	—	—	—	8,225	253.5	2.51	—	—	100
Fort Phantom (TX)	—	—	—	—	—	—	—	—	12,016	303.6	3.08	—	—	100
Western Farmers Elec Coop Inc ..	1,106	101.4	17.46	.26	—	—	—	—	17,051	244.2	2.55	52	—	48
Anadarko (OK)	—	—	—	—	—	—	—	—	12,438	246.2	2.57	—	—	100

See footnotes at end of table.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

Table 31. Receipts, Average Delivered Cost, and Quality of Fossil Fuels by Electric Utility and Plant, 1997 (Continued)

Electric Utility Plant (State)	Coal				Petroleum ¹				Gas			% of Total Btu		
	Receipts (1,000 Short Tons)	Cost		(% Avg. Sulfur)	Receipts (1,000 bbls)	Cost		(% Avg. Sulfur)	Receipts (1,000 Mcf)	Cost		C o r a	P e t r o l e u m	G a s
		(cents per MM Btu)	(\$ per Short Ton)			(cents per MM Btu)	(\$ per bbl)			(cents per MM Btu)	(\$ per Mcf)			
Western Farmers Elec Coop Inc														
Mooreland (OK).....	—	—	—	—	—	—	—	—	4,612	238.9	2.49	—	—	100
Hugo (OK).....	1,106	101.4	17.46	0.26	—	—	—	—	—	—	—	100	—	—
Western Massachusetts Elec Co					73	348.5	21.80	0.65	2,210	259.5	2.66	—	17	83
West Springfield (MA).....	—	—	—	—	73	348.5	21.80	.65	2,210	259.5	2.66	—	17	83
Wisconsin Electric Power Co.....	10,861	115.5	23.18	.63	34	475.0	27.78	.42	616 ²	339.8	3.44	100	*	*
Presque Isle (MI).....	1,717	149.7	31.01	.54	1	639.0	37.38	.24	—	—	—	100	*	—
Oak Creek (WI).....	2,399	134.6	31.18	.84	—	—	—	—	412	340.0	3.44	99	—	1
Port Washington (WI).....	639	142.9	37.25	1.24	—	—	—	—	11	440.0	4.45	100	—	*
Valley (WI).....	728	150.7	39.74	1.69	—	—	—	—	59	346.0	3.50	100	—	*
Pleasant Prairie (WI).....	5,378	78.0	13.20	.34	—	—	—	—	134	328.3	3.33	100	—	*
Storage Facility #1.....	—	—	—	—	32	468.4	27.40	.43	—	—	—	—	100	—
Wisconsin Power & Light Co.....	8,503	107.5	18.84	.44	23	459.7	27.03	.00	290	329.3	3.31	100	*	*
Blackhawk (WI).....	—	—	—	—	—	—	—	—	290	329.3	3.31	—	—	100
Edgewater (WI).....	2,553	122.4	21.51	.38	12	448.5	26.37	.00	—	—	—	100	*	—
Nelson Dewey (WI).....	667	122.0	23.27	.44	*	471.4	27.72	.00	—	—	—	100	*	—
Rock River (WI).....	361	122.3	22.97	.40	3	450.3	26.48	.00	—	—	—	100	*	—
Columbia (WI).....	4,922	96.2	16.55	.47	8	479.0	28.17	.00	—	—	—	100	*	—
Wisconsin Public Service Corp.....	3,356	106.1	18.74	.25	—	—	—	—	407	299.9	3.04	99	—	1
Pulliam (WI).....	1,407	99.4	17.59	.22	—	—	—	—	312	298.0	3.02	99	—	1
Weston (WI).....	1,949	110.9	19.56	.27	—	—	—	—	95	306.1	3.10	100	—	*
Wyandotte Municipal Serv Comm	119	148.2	37.46	1.17	—	—	—	—	—	—	—	100	—	—
Wyandotte (MI).....	119	148.2	37.46	1.17	—	—	—	—	—	—	—	100	—	—
Total.....	880,588 ²	127.3	26.16	1.11	117,789 ²	288.0	18.30	1.05	2,764,696 ²	276.0	2.81	84	3	13

¹ Does not include petroleum coke receipts of 2,192,000 short tons at an average cost of 91.2 cents per million Btu.

² Includes at least one delivery at a price of 1,000 cents per million Btu or greater. High price is frequently caused when fixed costs are averaged into a small quantity.

³ Most coal destined for the Barry plant is reported by the Alabama Power Company as it is received at the Gorgas Transshipping Facility.

⁴ The cost reported under IMT Transfer (Louisiana) is the weighted average cost of coal delivered to this facility. Florida Power Corporation incurs additional costs for transporting coal from the transfer facility to the Crystal River power plant. These additional costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

⁵ The cost reported under Davant Transfer (Louisiana) is the weighted average cost of coal delivered to this facility located in Louisiana. The Tampa Electric Company incurs additional costs for transporting this coal from Davant to its power plants which are located in Florida. These costs are not included in data shown in this report. When aggregated at the State level, data for this transfer facility are shown as though the coal were delivered to Florida.

⁶ Coal reported as delivered to the Cahokia, Cora, and GRT transfer facilities is later transferred to individual electric plants located in Alabama, Kentucky, and Tennessee. The cost of transportation from the these facilities to the electric plants is not included in the costs shown in this report. Coal delivered to Cahokia is later transferred primarily to the Colbert and Widows Creek plants in Alabama. Approximately 90 percent of the coal delivered to the Cora facility is transferred to the Allen plant. Most of the remaining coal is transferred to the Paradise plant. All coal delivered to the Cora facility is shown in this report as being delivered to Tennessee. Approximately 60 percent of the coal delivered to the GRT facility is later delivered to the Gallatin plant. Widdows Creek, Johnsonville, Paradise, and Cumberland each receive approximately 8 percent. Colbert and Shawnee each receive approximately 4 percent. All coal delivered to GRT is shown in this report as being delivered to Tennessee.

⁷ Data for Texas Utilities Electric Company include lignite delivered for the Aluminium Company of America (ALCOA) portion of Unit 4 of the Sandow Plant.

* = Number less than 0.5.

Notes: • Totals may not equal sum of components because of independent rounding. • Data are for electric generating plants with a total steam-electric and combined-cycle nameplate capacity of 50 or more megawatts. • Mcf = thousand cubic feet. • MM Btu = million Btu. • bbls = barrels. • Cost = average delivered cost.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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