

Quarterly Coal Report October-December 1998

Energy Information Administration
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Preface

The *Quarterly Coal Report (QCR)* provides comprehensive information about U.S. coal production, distribution, exports, imports, receipts, prices, consumption, and stocks to a wide audience, including Congress, Federal and State agencies, the coal industry, and the general public. Coke production, consumption, distribution, imports, and exports data are also provided. The data presented in the QCR are collected and published by the Energy Information Administration (EIA) to fulfill data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275), as amended.

This report presents detailed quarterly data for October through December 1998 and aggregated quarterly historical data for 1992 through the third quarter of 1998. Appendix A displays, from 1992 on, detailed quarterly historical coal imports data, as specified in Section 202 of the Energy Policy and Conservation Amendments Act of 1985 (Public Law 99-58).

To provide a complete picture of coal supply and demand in the United States, historical information has been integrated in this report. Additional historical data can also be found in the following EIA publications :

Annual Energy Review 1997 DOE/EIA-0384(98); *Monthly Energy Review* DOE/EIA-0035; *Coal Data : A Reference* DOE/EIA-0064(93) DOE/EIA-0035; and *Coal Industry Annual* DOE/EIA-0584(97) .

The historical data in this report are collected by the EIA in three quarterly coal surveys (coal consumption at manufacturing plants, coal production, and coal consumption at coke plants), one annual coal production survey, and two monthly surveys of electric utilities. The coal surveys originated in the 1920's, at the Bureau of Mines, U.S. Department of the Interior. In 1977, the responsibility for these surveys was transferred to the EIA under the Department of

Energy Organization Act (Public Law 95-91). The two electric utility surveys originated at the Federal Power Commission (FPC)--one in 1936 under the Federal Power Act and one in 1972 under FPC Order Number 453. The EIA continued these surveys, reducing the frequency and quantity of information requested and increasing the automation of the associated data processing and report generation functions. Coal export and import data are obtained from the Bureau of the Census, U.S. Department of Commerce, which compiles monthly data from documents filed with the U.S. Customs Service, as required by law.

All data for 1998, with the exception of coal production, are final. Coal production data for 1998 are preliminary and are based on the quarterly survey, Form 7000-2, "Quarterly Mine Employment and Coal Production Report," U.S. Department of Labor, Mine Safety and Health Administration. U.S. coal production data for 1997 and previous years are based on the annual survey Form EIA-7A, "Coal Production Report."

The coke import data for 1998 have been revised. In an effort to more accurately reflect U.S. coke imports, an additional category of the "Harmonized Tariff Schedule" - "coke and semicoke of coal not commercially suitable for fuel" is now included in the coke imports totals for 1998. The data for the historical years of 1991 through 1997 will be revised in the next issue of the "Quarterly Coal Report."

Coke and breeze data are shown at the Census Division level in order to make maximum amounts of data available without the withholding of data to avoid disclosures of individual operations.

The Office of Coal, Nuclear, Electric and Alternate Fuels acknowledges the cooperation of the respondents in supplying the information published in this report.

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Table 1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1992-1998
(Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks ¹	Consumption ²	Exports	Consumer Stocks ¹	Losses and Unaccounted For ³
1992							
January - March	255,956	679	39,853	220,594	24,731	168,632	
April - June	242,735	1,043	40,513	210,037	27,010	173,270	
July - September	249,055	882	35,198	237,698	26,481	161,878	
October - December	249,799	1,199	33,993	224,093	24,294	163,692	
Total	997,545	3,803		907,655	102,516		-5,826
1993							
January - March	243,417	1,213	38,453	229,165	18,870	152,619	
April - June	233,750	1,093	34,827	214,820	19,946	154,842	
July - September	227,131	2,142	27,183	249,872	18,522	121,909	
October - December	241,127	2,861	25,284	232,087	17,181	120,458	
Total	945,424	7,309		944,081	74,519		-13,924
1994							
January - March	255,153	1,850	34,139	237,596	14,877	112,278	
April - June	256,964	1,577	35,758	223,145	17,940	126,694	
July - September	260,853	2,304	32,955	245,820	19,704	121,225	
October - December	260,535	1,853	33,219	223,640	18,838	136,139	
Total	1,033,504	7,584		951,461	71,359		-5,348
1995							
January - March	267,121	1,795	42,460	227,695	18,988	144,004	
April - June	249,352	1,609	42,104	217,496	23,184	151,657	
July - September	257,857	1,725	36,193	259,415	22,175	131,739	
October - December	258,644	2,071	34,444	236,274	24,201	134,639	
Total	1,032,974	7,201		962,039	88,547		-10,136
1996							
January - March	259,756	1,713	36,851	243,360	20,516	124,752	
April - June	263,397	1,552	37,344	229,264	23,039	134,280	
July - September	272,118	2,071	33,780	259,657	23,504	127,588	
October - December	268,585	1,790	28,648	251,053	23,414	122,979	
Total	1,063,856	7,126		1,005,573	90,473		-7,608
1997							
January - March	274,080	1,331	37,544	246,633	20,011	120,671	
April - June	270,136	1,708	42,529	233,463	20,603	127,588	
July - September	271,650	2,222	39,111	269,464	22,354	109,516	
October - December	274,065	2,226	33,973	258,065	20,576	106,401	
Total	1,089,932	7,487		1,029,228	83,545		-4,101
1998							
January - March	281,583	1,839	E 40,994	247,299	18,621	114,574	
April - June	275,409	2,193	E 38,331	243,796	20,749	124,366	
July - September	278,581	2,145	E 39,803	277,307	19,898	111,862	
October - December	282,560	2,547	36,144	246,265	18,780	128,089	
Total	1,118,133	8,724		1,042,748	78,048		-17,798

¹ Reported as of the last day of the quarter.

² Total/Annual includes coal consumed by independent power producers and cogeneration plants not included in the other industrial, coke and commercial sectors. Therefore, quarterly data does not total to Total/Annual data.

³ Losses and Unaccounted For is calculated as production plus imports minus the change in producer and distributor stocks minus consumption minus exports minus the change in consumer stocks.

^E Estimated.

Note: Total may not equal sum of components because of independent rounding.

Sources: • Production: Energy Information Administration (EIA), Form EIA-6, Schedule Q, "Quarterly Coal Report;" and Form EIA-7A, "Coal Production Report"; Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report;" and State mining agency coal production reports; • Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145" • Producer and Distributor Stocks: EIA, Form EIA-6, "Coal Distribution Report;" and Form EIA-6, Schedule Q, "Quarterly Coal Report;" • Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545" • Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report;" Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-5, "Coke Plant Report - Quarterly;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-7A, "Coal Production Report;" and Form EIA-6, "Coal Distribution Report."

Table 2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1992-1998
(Thousand Short Tons)

Year and Quarter	Production	Imports ¹	Producer and Distributor Stocks ²	Consumption ³	Exports
1992 January - March	5,892	508	2,101	6,290	116
April - June	5,850	430	2,027	6,197	157
July - September	5,837	333	2,055	5,897	245
October - December.....	5,831	468	1,883	6,347	124
Total	23,410	1,739		24,731	642
1993 January - March	5,711	360	1,678	6,181	95
April - June	5,885	485	1,683	6,176	189
July - September	5,894	297	1,481	6,113	280
October - December.....	5,692	392	1,461	5,834	271
Total	23,182	1,534		24,303	835
1994 January - March	5,507	292	1,090	6,072	99
April - June	5,753	479	897	6,242	182
July - September	5,680	377	997	5,775	182
October - December.....	5,746	463	936	6,073	198
Total	22,686	1,612		24,163	660
1995 January - March	5,848	484	897	6,287	135
April - June	5,955	447	1,143	5,969	187
July - September	5,979	382	1,170	6,146	187
October - December.....	5,966	503	1,302	6,098	240
Total	23,749	1,816		24,500	750
1996 January - March	5,746	418	1,144	6,193	128
April - June	5,786	240	1,173	5,597	399
July - September	5,869	152	1,158	5,785	251
October - December.....	5,675	301	1,323	5,468	343
Total	23,075	1,111		23,043	1,121
1997 January - March	5,551	271	1,348	5,734	63
April - June	5,488	411	1,522	5,442	282
July - September	5,598	497	1,634	5,723	260
October - December.....	5,478	387	1,294	5,978	226
Total	22,116	1,565		22,877	832
1998 January - March	4,812	766	952	5,761	79
April - June	5,144	1,045	886	6,047	208
July - September	5,094	1,213	842	6,203	148
October - December.....	4,991	810	933	5,528	183
Total	20,041	3,834		23,539	619

¹ The coke imports data have been revised for 1998. In an effort to more accurately reflect U.S. coke imports, an additional category has been included in the totals (see Preface). The historical data for 1991 through 1997 will be revised in the next issue of the "Quarterly Coal Report."

² Reported as of the last day of the quarter.

³ Consumption is equal to production plus imports plus/minus the change in producer and distributor stocks minus exports.

Notes: Total may not equal sum of components because of independent rounding.

Sources: • Production, Consumption, and Producer and Distributor Stocks: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly" • Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145" and • Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Production

Table 3. U.S. Coal Production, 1992-1998
(Thousand Short Tons)

Year	January - March	April - June	July - September	October - December	Year to Date
1992.....	255,956	242,735	249,055	249,799	997,545
1993.....	243,417	233,750	227,131	241,127	945,424
1994.....	255,153	256,964	260,853	260,535	1,033,504
1995.....	267,121	249,352	257,857	258,644	1,032,974
1996.....	259,756	263,397	272,118	268,585	1,063,856
1997.....	274,080	270,136	271,650	274,065	1,089,932
1998.....	281,583	275,409	278,581	282,560	1,118,133

Notes: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA), Form EIA-6, Schedule Q, "Quarterly Coal Report;" and Form EIA-7A, "Coal Production Report;" Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report;" and State mining agency coal production reports.

Table 4. Coal Production by State
(Thousand Short Tons)

Coal-Producing Region and State	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
Alabama.....	5,705	5,316	5,796	23,013	24,468	-5.9
Alaska.....	316	268	437	1,344	1,450	-7.3
Arizona.....	3,056	2,507	3,197	11,315	11,723	-3.5
Arkansas.....	5	7	6	24	18	32.3
Colorado.....	7,624	7,538	5,734	29,631	27,449	8.0
Illinois.....	9,930	9,012	9,669	39,732	41,159	-3.5
Indiana.....	9,091	9,498	9,672	36,803	35,497	3.7
Kansas.....	86	63	88	341	360	-5.3
Kentucky Total.....	35,791	37,575	39,727	150,295	155,853	-3.6
Eastern.....	27,994	29,584	30,308	116,654	120,918	-3.5
Western.....	7,797	7,991	9,419	33,641	34,936	-3.7
Louisiana.....	881	859	790	3,216	3,545	-9.3
Maryland.....	859	1,075	905	3,961	4,160	-4.8
Missouri.....	97	119	91	372	401	-7.2
Montana.....	10,942	10,805	11,781	42,840	41,005	4.5
New Mexico.....	7,979	7,161	6,132	28,597	27,025	5.8
North Dakota.....	8,105	7,720	7,778	30,530	29,580	3.2
Ohio.....	6,726	6,668	7,738	28,048	29,154	-3.8
Oklahoma.....	384	404	423	1,661	1,621	2.5
Pennsylvania Total.....	20,153	20,613	19,916	81,017	76,198	6.3
Anthracite.....	1,396	1,430	1,247	5,231	4,678	11.8
Bituminous.....	18,757	19,183	18,669	75,786	71,520	6.0
Tennessee.....	729	651	750	2,696	3,300	-18.3
Texas.....	13,116	13,564	13,102	52,583	53,328	-1.4
Utah.....	7,135	6,446	6,692	26,075	26,683	-2.3
Virginia.....	8,560	8,518	8,917	33,747	35,837	-5.8
Washington.....	1,191	1,356	1,294	4,638	4,495	3.2
West Virginia Total.....	42,853	40,812	42,363	171,244	173,743	-1.4
Northern.....	11,283	10,262	10,263	44,717	42,802	4.5
Southern.....	31,570	30,549	32,100	126,527	130,941	-3.4
Wyoming.....	81,241	80,026	71,066	314,409	281,881	11.5
Appalachian Total.....	113,580	113,237	116,693	460,380	467,778	-1.6
Interior Total.....	41,389	41,517	43,260	168,374	170,863	-1.5
Western Total.....	127,591	123,828	114,112	489,379	451,291	8.4
East of the Miss. River.....	140,399	139,737	145,453	570,556	579,369	-1.5
West of the Miss. River.....	142,162	138,843	128,613	547,577	510,563	7.2
U.S. Total.....	282,560	278,581	274,065	1,118,133	1,089,932	2.6

Notes: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA), Form EIA-6, Schedule Q, "Quarterly Coal Report;" and Form EIA-7A, "Coal Production Report;" Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report;" and State mining agency coal production reports.

Table 5. Coke and Breeze Production at Coke Plants

(Thousand Short Tons)

Census Division	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
Middle Atlantic Total	1,515	1,620	2,243	6,371	8,994	-29.2
East North Central Total	2,437	2,322	2,225	9,224	8,882	3.8
South Atlantic Total	w	w	w	w	w	w
East South Central Total	705	736	781	2,922	3,393	-13.9
Mountain Total	w	w	w	w	w	w
U.S. Total	5,306	5,415	5,786	21,283	23,349	-8.8
Coke Total	4,991	5,094	5,478	20,041	22,116	-9.4
Breeze Total	314	321	309	1,242	1,233	.7

^w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Exports and Imports

Table 6. U.S. Coal Exports and Imports, 1992-1998

(Thousand Short Tons)

Year	January - March		April - June		July - September		October - December		Year to Date	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1992.....	24,731	679	27,010	1,043	26,481	882	24,294	1,199	102,516	3,803
1993.....	18,870	1,213	19,946	1,093	18,522	2,142	17,181	2,861	74,519	7,309
1994.....	14,877	1,850	17,940	1,577	19,704	2,304	18,838	1,853	71,359	7,584
1995.....	18,988	1,795	23,184	1,609	22,175	1,725	24,201	2,071	88,547	7,201
1996.....	20,516	1,713	23,039	1,552	23,504	2,071	23,414	1,790	90,473	7,126
1997.....	20,011	1,331	20,603	1,708	22,354	2,222	20,576	2,226	83,545	7,487
1998.....	18,621	1,839	20,749	2,193	19,898	2,145	18,780	2,547	78,048	8,724

Notes: Total may not equal sum of components because of independent rounding. More detailed data included in Table A3.

Sources: Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545;" and Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 7. Average Price of U.S. Coal Exports and Imports, 1992-1998

(Dollars per Short Ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1992.....	\$42.28	\$33.63	\$41.34	\$32.96	\$40.70	\$34.43	\$41.07	\$33.08	\$41.34	\$33.46
1993.....	42.46	30.70	41.42	32.26	40.72	29.52	41.00	28.91	41.41	29.89
1994.....	41.89	28.86	40.01	28.73	38.86	30.92	39.43	31.93	39.93	30.21
1995.....	39.90	32.33	39.59	36.16	40.99	33.61	40.55	34.54	40.27	34.13
1996.....	41.77	33.52	40.78	32.46	40.53	33.19	40.08	34.55	40.76	33.45
1997.....	41.72	33.85	40.80	35.26	39.42	33.69	40.40	34.49	40.55	34.32
1998.....	41.66	33.98	38.49	31.43	37.83	32.38	37.73	31.38	38.93	32.18

Notes: Exports: Average price is based on the free alongside ship (f.a.s.) value. Imports: Average price is based on the customs import value. More detailed data included in Table A4. Total may not equal sum of components because of independent rounding.

Sources: Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545;" and Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 8. U.S. Coal Exports
(Short Tons)

Continent and Country of Destination	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	6,563,044	6,501,378	5,025,039	22,315,844	16,946,731	31.7
Canada ¹	6,058,214	6,213,433	4,574,542	20,653,728	14,975,471	37.9
Dominican Republic.....	16,450	128	—	81,611	18,952	330.6
Jamaica.....	15,382	—	13,681	30,161	41,525	-27.4
Mexico.....	472,855	287,515	433,094	1,542,656	1,898,646	-18.7
Other ²	143	302	3,722	7,688	12,137	-36.7
South America Total	1,389,178	1,811,858	1,719,078	7,034,268	8,214,094	-14.4
Argentina.....	52,157	94,050	55,676	324,072	325,347	-4
Brazil.....	1,299,166	1,710,939	1,596,998	6,474,851	7,454,523	-13.1
Chile.....	86	39	83	50,838	145,802	-65.1
Other ²	37,769	6,830	66,321	184,507	288,422	-36.0
Europe Total	7,486,431	8,063,699	9,715,823	33,773,032	41,331,151	-18.3
Belgium & Luxembourg.....	700,544	542,543	1,036,974	3,194,863	4,318,896	-26.0
Bulgaria.....	—	110,431	111,921	989,368	1,114,238	-11.2
Denmark.....	—	—	—	274,433	350,071	-21.6
Finland.....	185,441	74,672	238,627	462,975	661,527	-30.0
France.....	921,537	603,685	832,292	3,191,646	3,398,333	-6.1
Germany, FR.....	102,515	529,953	202,848	1,246,925	870,195	43.3
Iceland.....	—	11,526	12,939	38,950	53,560	-27.3
Ireland.....	144,930	378,538	23,492	1,149,639	636,769	80.5
Italy.....	1,036,450	1,208,817	1,546,695	5,317,359	7,019,026	-24.2
Netherlands.....	1,191,459	1,226,230	1,106,539	4,516,208	4,825,328	-6.4
Norway.....	28,226	26,599	23,592	93,162	96,355	-3.3
Portugal.....	195,402	197,023	448,425	745,930	1,470,211	-49.3
Romania.....	115,805	97,297	671,263	1,097,185	2,243,690	-51.1
Spain.....	542,025	931,334	940,443	3,156,043	4,134,019	-23.7
Sweden.....	370,520	227,580	408,844	756,676	833,668	-9.2
Turkey.....	297,829	256,694	386,229	1,592,132	2,091,875	-23.9
United Kingdom.....	1,653,728	1,640,727	1,702,587	5,947,023	7,184,710	-17.2
Other ²	20	50	22,113	2,515	28,680	-91.2
Asia Total	2,890,222	2,872,136	3,512,598	12,311,113	14,497,818	-15.1
China (Taiwan).....	454,195	383,736	747,980	1,519,178	2,240,689	-32.2
Israel.....	193,690	—	67,059	527,203	593,035	-11.1
Japan.....	1,734,271	1,905,426	1,662,830	7,734,378	7,973,942	-3.0
Korea, Republic of.....	494,649	569,936	1,024,672	2,452,696	3,489,240	-29.7
Other ²	13,417	13,038	10,057	77,658	200,912	-61.3
Oceania & Australia Total	621	21	—	4,775	813	487.3
Africa Total	450,373	649,249	603,515	2,608,614	2,554,224	2.1
Algeria.....	59,355	114,186	55,010	343,166	264,089	29.9
Egypt.....	105,544	101,309	267,543	890,977	1,130,171	-21.2
Morocco.....	—	—	—	68,102	141,980	-52.0
South Africa, Rep of.....	285,474	433,754	263,516	1,298,632	986,709	31.6
Other ²	—	—	17,446	7,737	31,275	-75.3
Total	18,779,869	19,898,341	20,576,053	78,047,646	83,544,831	-6.6

¹ Based on the U.S. - Canada Free Trade Agreement; as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Table 9. Average Price of U.S. Coal Exports
(Dollars per Short Ton)

Continent and Country of Destination	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$29.24	\$27.26	\$30.35	\$28.48	\$30.57	-6.8
Canada ¹	27.97	26.82	28.86	27.65	29.16	-5.2
Dominican Republic.....	34.93	-	-	36.38	36.74	-1.0
Jamaica.....	38.78	-	30.53	39.23	38.19	2.7
Mexico.....	44.83	36.53	45.64	38.61	41.31	-6.5
Other ²	-	40.74	40.79	40.99	39.81	3.0
South America Total	42.30	42.13	44.32	42.82	43.94	-2.6
Argentina.....	44.15	44.20	46.06	44.67	47.69	-6.3
Brazil.....	42.19	42.02	44.40	42.85	44.12	-2.9
Chile.....	-	-	-	28.67	32.24	-11.1
Other ²	43.70	50.63	40.72	42.07	40.81	3.1
Europe Total	42.53	42.60	44.17	43.28	43.02	.6
Belgium & Luxembourg.....	46.65	48.17	46.46	46.38	45.71	1.5
Bulgaria.....	-	44.26	46.33	44.57	46.42	-4.0
Denmark.....	-	-	-	34.02	31.72	7.2
Finland.....	40.61	40.32	39.55	40.50	41.63	-2.7
France.....	45.93	45.66	44.95	46.07	45.96	.2
Germany, FR.....	40.11	33.01	47.86	35.49	44.59	-20.4
Iceland.....	-	54.16	57.66	55.88	59.33	-5.8
Ireland.....	34.50	35.01	47.17	36.38	37.99	-4.2
Italy.....	45.87	47.12	46.63	46.53	45.54	2.2
Netherlands.....	43.88	45.68	45.20	45.26	44.97	.6
Norway.....	56.89	53.92	58.38	55.80	58.38	-4.4
Portugal.....	37.37	37.83	36.35	38.03	36.76	3.5
Romania.....	40.82	41.28	43.97	42.31	44.58	-5.1
Spain.....	41.05	43.67	41.86	42.89	37.01	15.9
Sweden.....	47.05	47.01	48.28	47.16	48.19	-2.2
Turkey.....	43.36	44.35	44.49	44.92	46.07	-2.5
United Kingdom.....	36.86	37.75	41.63	39.01	39.30	-7
Other ²	-	-	-	34.93	34.59	1.0
Asia Total	38.16	39.11	38.98	39.37	39.73	-9
China (Taiwan).....	36.96	37.33	37.34	36.29	36.75	-1.2
Israel.....	32.34	-	34.95	33.50	36.81	-9.0
Japan.....	36.79	37.94	37.41	38.59	39.00	-1.1
Korea, Republic of.....	45.90	43.83	42.98	44.79	43.98	1.8
Other ²	55.84	56.05	39.34	45.76	36.33	26.0
Oceania & Australia Total	29.87	-	-	48.03	40.79	17.7
Africa Total	45.10	45.89	48.66	45.52	48.50	-6.2
Algeria.....	45.28	42.82	47.49	43.77	46.64	-6.2
Egypt.....	38.71	44.21	48.84	43.59	51.29	-15.0
Morocco.....	-	-	-	31.57	30.67	2.9
South Africa, Rep of.....	47.42	47.09	49.25	48.13	48.66	-1.1
Other ²	-	-	40.82	38.85	39.27	-1.1
Total ³	37.34	37.30	40.12	38.55	40.24	-4.2
U.S. Total ⁴	37.73	37.83	40.40	38.89	40.55	-4.1

¹ Based on the U.S. - Canada Free Trade Agreement; as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

³ The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton, inclusively.

⁴ U.S. Total is the average price of all coal exports.

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Table 10. U.S. Steam Coal Exports
(Short Tons)

Continent and Country of Destination	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	5,018,223	4,941,619	3,288,047	17,368,443	11,592,222	49.8
Canada ¹	4,515,081	4,655,631	2,983,191	15,726,776	10,084,325	56.0
Dominican Republic.....	16,450	128	-	81,611	18,952	330.6
Jamaica.....	15,382	-	13,681	30,161	41,525	-27.4
Mexico.....	471,167	285,558	287,453	1,522,207	1,435,283	6.1
Other ²	143	302	3,722	7,688	12,137	-36.7
South America Total	8,749	13,375	80,693	212,745	572,801	-62.9
Argentina.....	761	233	9,486	21,373	48,237	-55.7
Brazil.....	35	6,344	4,803	16,502	90,340	-81.7
Chile.....	86	39	83	50,838	145,802	-65.1
Other ²	7,867	6,759	66,321	124,032	288,422	-57.0
Europe Total	1,704,557	1,931,999	2,249,559	7,771,467	12,529,609	-38.0
Belgium & Luxembourg.....	15,117	-	207,082	269,630	946,688	-71.5
Denmark.....	-	-	-	274,433	350,071	-21.6
Finland.....	-	-	99,898	-	160,259	-
France.....	6	7,512	140,762	88,714	342,241	-74.1
Germany, FR.....	40,297	433,685	29,328	866,707	220,628	292.8
Ireland.....	144,930	378,538	23,492	1,149,639	515,948	122.8
Italy.....	82,025	7,105	349,075	763,714	2,437,770	-68.7
Netherlands.....	187,074	60,735	143,333	400,872	711,421	-43.7
Norway.....	85	7,085	-	7,170	6,638	8.0
Portugal.....	128,127	125,572	377,822	467,838	1,256,170	-62.8
Romania.....	-	-	-	-	95,536	-
Spain.....	176,512	165,000	304,089	757,909	1,882,688	-59.7
Turkey.....	-	1,894	1,988	3,114	5,093	-38.9
United Kingdom.....	930,364	744,823	550,644	2,719,212	3,569,845	-23.8
Other ²	20	50	22,046	2,515	28,613	-91.2
Asia Total	1,488,442	1,305,632	1,517,037	5,523,103	6,519,928	-15.3
China (Taiwan).....	318,552	253,376	480,150	1,174,348	1,686,095	-30.4
Israel.....	193,690	-	239	453,918	456,474	-6
Japan.....	974,904	926,923	655,257	3,405,732	3,182,750	7.0
Korea, Republic of.....	-	112,295	371,334	423,568	1,017,011	-58.4
Other ²	1,296	13,038	10,057	65,537	177,598	-63.1
Oceania & Australia Total	621	21	-	1,944	813	139.1
Africa Total	-	-	18,285	76,563	175,095	-56.3
Egypt.....	-	-	839	724	1,840	-60.7
Morocco.....	-	-	-	68,102	141,980	-52.0
Other ²	-	-	17,446	7,737	31,275	-75.3
Total	8,220,592	8,192,646	7,153,621	30,954,265	31,390,468	-1.4

¹ Based on the U.S. - Canada Free Trade Agreement; as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

Notes: Total may not equal sum of components because of independent rounding. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Table 11. Average Price of U.S. Steam Coal Exports
(Dollars per Short Ton)

Continent and Country of Destination	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$28.15	\$25.55	\$27.24	\$26.76	\$28.26	-5.3
Canada ¹	26.30	24.85	25.57	25.51	26.64	-4.3
Dominican Republic.....	34.93	-	-	36.38	36.74	-1.0
Jamaica.....	38.78	-	30.53	39.23	38.19	2.7
Mexico.....	44.83	36.53	43.56	38.48	38.67	-5
Other ²	-	40.74	40.79	40.99	39.81	3.0
South America Total	40.82	40.81	40.73	37.82	38.78	-2.5
Argentina.....	40.76	-	40.81	40.80	40.79	*
Brazil.....	-	40.81	40.79	40.81	42.12	-3.1
Chile.....	-	-	-	28.67	32.24	-11.1
Other ²	40.82	-	40.72	40.83	40.81	.1
Europe Total	29.11	29.56	33.10	31.22	32.52	-4.0
Belgium & Luxembourg.....	46.56	-	36.01	35.91	36.34	-1.2
Denmark.....	-	-	-	34.02	31.72	7.2
Finland.....	-	-	36.20	-	36.20	-
France.....	-	35.52	33.84	36.14	34.84	3.7
Germany, FR.....	32.30	30.24	38.96	30.70	35.04	-12.4
Ireland.....	34.50	35.01	47.17	36.38	38.13	-4.6
Italy.....	28.86	40.80	38.66	37.66	39.30	-4.2
Netherlands.....	28.55	27.62	32.86	27.91	32.52	-14.2
Norway.....	34.33	56.93	-	56.66	-	-
Portugal.....	32.70	33.02	34.92	33.60	35.48	-5.3
Romania.....	-	-	-	-	29.17	-
Spain.....	24.36	22.09	25.31	22.43	22.38	.2
Turkey.....	-	40.80	43.94	40.78	42.02	-3.0
United Kingdom.....	28.38	27.16	29.90	28.64	29.99	-4.5
Other ²	-	-	-	34.93	34.59	1.0
Asia Total	33.50	34.12	34.34	34.18	34.94	-2.2
China (Taiwan).....	34.52	34.52	34.22	34.46	34.71	-7
Israel.....	32.34	-	40.82	33.15	35.92	-7.7
Japan.....	33.40	33.66	34.45	33.88	34.97	-3.1
Korea, Republic of.....	-	34.41	34.16	35.43	35.01	1.2
Other ²	37.35	56.05	39.34	43.53	33.56	29.7
Oceania & Australia Total	29.87	-	-	37.25	40.79	-8.7
Africa Total	-	-	40.81	32.38	32.31	.2
Egypt.....	-	-	40.62	39.88	40.73	-2.1
Morocco.....	-	-	-	31.57	30.67	2.9
Other ²	-	-	40.82	38.85	39.27	-1.1
Total ³	29.36	27.93	30.84	29.34	31.61	-7.2
U.S. Total ⁴	30.38	29.10	31.84	30.24	32.42	-6.7

¹ Based on the U.S. - Canada Free Trade Agreement; as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

³ The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton, inclusively.

⁴ U.S. Total is the average price of all coal exports.

* Rounded to zero

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value. Steam coal includes bituminous, subbituminous, lignite, and anthracite.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Table 12. U.S. Metallurgical Coal Exports
(Short Tons)

Continent and Country of Destination	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	1,544,821	1,559,759	1,736,992	4,947,401	5,354,509	-7.6
Canada ¹	1,543,133	1,557,802	1,591,351	4,926,952	4,891,146	.7
Mexico.....	1,688	1,957	145,641	20,449	463,363	-95.6
South America Total	1,380,429	1,798,483	1,638,385	6,821,523	7,641,293	-10.7
Argentina.....	51,396	93,817	46,190	302,699	277,110	9.2
Brazil.....	1,299,131	1,704,595	1,592,195	6,458,349	7,364,183	-12.3
Other ²	29,902	71	-	60,475	-	-
Europe Total	5,781,874	6,131,700	7,466,264	26,001,565	28,801,542	-9.7
Belgium & Luxembourg.....	685,427	542,543	829,892	2,925,233	3,372,208	-13.3
Bulgaria.....	-	110,431	111,921	989,368	1,114,238	-11.2
Finland.....	185,441	74,672	138,729	462,975	501,268	-7.6
France.....	921,531	596,173	691,530	3,102,932	3,056,092	1.5
Germany, FR.....	62,218	96,268	173,520	380,218	649,567	-41.5
Iceland.....	-	11,526	12,939	38,950	53,560	-27.3
Ireland.....	-	-	-	-	120,821	-
Italy.....	954,425	1,201,712	1,197,620	4,553,645	4,581,256	-6
Netherlands.....	1,004,385	1,165,495	963,206	4,115,336	4,113,907	*
Norway.....	28,141	19,514	23,592	85,992	89,717	-4.2
Portugal.....	67,275	71,451	70,603	278,092	214,041	29.9
Romania.....	115,805	97,297	671,263	1,097,185	2,148,154	-48.9
Spain.....	365,513	766,334	636,354	2,398,134	2,251,331	6.5
Sweden.....	370,520	227,580	408,844	756,676	833,668	-9.2
Turkey.....	297,829	254,800	384,241	1,589,018	2,086,782	-23.9
United Kingdom.....	723,364	895,904	1,151,943	3,227,811	3,614,865	-10.7
Other ²	-	-	67	-	67	-
Asia Total	1,401,780	1,566,504	1,995,561	6,788,010	7,977,890	-14.9
China (Taiwan).....	135,643	130,360	267,830	344,830	554,594	-37.8
Israel.....	-	-	66,820	73,285	136,561	-46.3
Japan.....	759,367	978,503	1,007,573	4,328,646	4,791,192	-9.7
Korea, Republic of.....	494,649	457,641	653,338	2,029,128	2,472,229	-17.9
Other ²	12,121	-	-	12,121	23,314	-48.0
Oceania & Australia Total	-	-	-	2,831	-	-
Africa Total	450,373	649,249	585,230	2,532,051	2,379,129	6.4
Algeria.....	59,355	114,186	55,010	343,166	264,089	29.9
Egypt.....	105,544	101,309	266,704	890,253	1,128,331	-21.1
South Africa, Rep of.....	285,474	433,754	263,516	1,298,632	986,709	31.6
Total	10,559,277	11,705,695	13,422,432	47,093,381	52,154,363	-9.7

¹ Based on the U.S. - Canada Free Trade Agreement; as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

* Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Table 13. Average Price of U.S. Metallurgical Coal Exports
(Dollars per Short Ton)

Continent and Country of Destination	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$32.66	\$32.86	\$35.97	\$34.44	\$35.39	-2.7
Canada ¹	32.65	32.86	34.72	34.38	34.10	.8
Mexico.....	49.78	-	49.73	50.28	49.86	.8
South America Total	42.31	42.14	44.48	42.96	44.32	-3.1
Argentina.....	44.18	44.20	47.13	44.93	48.88	-8.1
Brazil.....	42.19	42.02	44.41	42.86	44.15	-2.9
Other ²	44.45	50.63	-	44.46	-	-
Europe Total	46.50	46.71	47.47	46.84	47.60	-1.6
Belgium & Luxembourg.....	46.65	48.17	49.06	47.34	48.34	-2.1
Bulgaria.....	-	44.26	46.33	44.57	46.42	-4.0
Finland.....	40.61	40.32	41.96	40.50	43.37	-6.6
France.....	45.93	45.79	47.21	46.35	47.20	-1.8
Germany, FR.....	45.17	45.47	49.37	46.41	47.84	-3.0
Iceland.....	-	54.16	57.66	55.88	59.33	-5.8
Ireland.....	-	-	-	-	37.42	-
Italy.....	47.33	47.16	48.96	48.02	48.85	-1.7
Netherlands.....	46.74	46.62	46.96	46.88	47.10	-.5
Norway.....	57.12	52.82	58.38	55.70	58.38	-4.6
Portugal.....	46.27	46.27	44.00	45.49	44.31	2.7
Romania.....	40.82	41.28	43.97	42.31	45.31	-6.6
Spain.....	49.11	48.31	49.75	48.62	49.23	-1.3
Sweden.....	47.05	47.01	48.28	47.16	48.19	-2.2
Turkey.....	43.36	44.38	44.49	44.93	46.08	-2.5
United Kingdom.....	47.75	46.55	47.24	47.74	48.49	-1.5
Asia Total	43.11	43.27	42.50	43.59	43.64	-1
China (Taiwan).....	42.69	42.81	42.93	42.54	42.95	-1.0
Israel.....	-	-	34.93	35.69	39.79	-10.3
Japan.....	41.14	41.99	39.33	42.29	41.68	1.5
Korea, Republic of.....	45.90	46.14	47.99	46.75	47.68	-2.0
Other ²	57.72	-	-	57.72	57.41	.6
Oceania & Australia Total	-	-	-	55.11	-	-
Africa Total	45.10	45.89	48.91	45.92	49.69	-7.6
Algeria.....	45.28	42.82	47.49	43.77	46.64	-6.2
Egypt.....	38.71	44.21	48.87	43.60	51.31	-15.0
South Africa, Rep of.....	47.42	47.09	49.25	48.13	48.66	-1.1
Total ³	43.41	43.76	44.94	44.48	45.36	-1.9
U.S. Total ⁴	43.46	43.93	44.96	44.58	45.45	-1.9

¹ Based on the U.S. - Canada Free Trade Agreement; as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

³ The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal exports and fall within the range of \$20 to \$60 per short ton, inclusively.

⁴ U.S. Total is the average price of all coal exports.

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the free alongside ship (f.a.s.) value.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Table 14. Coal Exports by Customs District
(Short Tons)

Customs District	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
Eastern Total	10,783,513	12,077,494	13,146,727	48,667,747	52,806,370	-7.8
Boston, MA	-	-	21,725	-	21,725	-
Baltimore, MD	1,188,054	1,734,158	951,916	6,576,290	6,296,567	4.4
Portland, ME	268,488	28,897	302	399,938	590	(1)
Buffalo, NY	1,484,657	1,678,964	1,232,030	5,144,374	3,593,949	43.1
New York City, NY	291	448	408	9,251	3,445	168.5
Ogdensburg, NY	7,286	14,791	38,173	84,634	91,512	-7.5
Philadelphia, PA	32,050	66,586	43,815	201,683	264,622	-23.8
Norfolk, VA	7,802,687	8,553,650	10,858,286	36,251,577	42,532,871	-14.8
St. Albans, VT	-	-	72	-	1,089	-
Southern Total	2,921,564	2,615,682	3,164,526	11,260,674	15,326,619	-26.5
Mobile, AL	1,039,782	1,002,465	1,182,079	4,536,848	5,379,294	-15.7
Savannah, GA	45	99	-	1,547	36,513	-95.8
Miami, FL	521	430	1,132	2,051	1,328	54.4
Tampa, FL	99	90	125	189	215	-12.1
New Orleans, LA	1,383,705	1,309,992	1,463,626	4,847,744	7,639,166	-36.5
Wilmington, NC	61	-	-	61	60	1.7
San Juan, PR	-	-	83,251	39,742	83,274	-52.3
Charleston, SC	-	6	5,331	97	164,215	-99.9
El Paso, TX	-	-	-	-	9	-
Houston-Galveston, TX	31,172	15,098	140,362	299,031	559,995	-46.6
Laredo, TX	466,179	287,502	288,620	1,533,364	1,462,550	4.8
Western Total	978,129	880,816	1,221,126	3,793,412	4,770,815	-20.5
Anchorage, AK	-	78,574	267,073	343,385	740,469	-53.6
Nogales, AZ	22	-	-	22	-	-
Los Angeles, CA	976,748	801,237	882,176	3,440,312	3,785,260	-9.1
San Diego, CA	-	13	217	2,616	480	445.0
San Francisco, CA	110	-	29,919	2,941	103,506	-97.2
Great Falls, MT	975	873	282	2,962	595	397.8
Portland, OR	-	-	40,786	-	40,786	-
Seattle, WA	274	119	673	1,174	99,719	-98.8
Northern Total	4,087,480	4,315,843	3,037,312	14,290,864	10,615,774	34.6
Chicago, IL	-	-	20,601	-	20,601	-
Detroit, MI	586,416	823,588	385,821	2,484,569	2,282,794	8.8
Duluth, MN	604,448	397,984	128,197	1,093,087	128,381	(1)
Pembina, ND	34,956	12,798	227	62,585	705	(1)
Cleveland, OH	2,861,660	3,081,473	2,502,466	10,650,578	8,183,293	30.2
Milwaukee, WI	-	-	-	45	-	-
Other Ports	9,183	8,506	6,362	34,949	25,253	38.4
Total	18,779,869	19,898,341	20,576,053	78,047,646	83,544,831	-6.6

¹ Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Table 15. U.S. Coke Exports
(Short Tons)

Continent and Country of Destination	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	155,598	129,675	215,138	568,280	752,412	-24.5
Canada ¹	123,694	83,298	128,186	326,434	497,946	-34.4
Mexico.....	31,374	43,991	85,697	237,314	251,374	-5.6
Other ²	530	2,386	1,255	4,532	3,092	46.6
South America Total	-	1,367	-	1,367	18,573	-92.6
Europe Total	27,603	17,014	11,213	49,321	61,454	-19.7
Turkey.....	-	12,433	-	12,433	11,843	5.0
Other ²	27,603	4,581	11,213	36,888	49,611	-25.6
Total	183,201	148,056	226,351	618,968	832,439	-25.6

¹ Based on the U.S. - Canada Free Trade Agreement; as of January 1990, the U.S. Department of Commerce began reporting statistics on U.S. exports to Canada based on information on imports provided monthly by the Canadian government.

² Includes countries with exports less than or equal to 50,000 short tons in 1997.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545."

Table 16. U.S. Coal Imports
(Short Tons)

Continent and Country of Origin	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	370,308	368,146	405,720	1,168,361	1,211,910	-3.6
Canada.....	369,038	368,146	405,720	1,166,397	1,211,557	-3.7
Mexico.....	1,270	-	-	1,964	353	456.4
South America Total	1,685,021	1,360,094	1,330,580	5,960,370	4,631,213	28.7
Argentina.....	-	-	-	-	13	-
Colombia.....	1,125,311	850,027	707,874	3,478,185	3,117,122	11.6
Venezuela.....	559,710	510,067	622,706	2,482,185	1,514,078	63.9
Europe Total	36,733	2,304	8,298	43,572	26,635	63.6
Belgium & Luxembourg.....	286	1,850	1,144	3,983	6,016	-33.8
Germany, FR.....	-	-	-	-	20	-
Italy.....	11	-	-	36	-	-
Norway.....	-	-	6,942	-	20,383	-
Spain.....	36,432	-	-	36,432	-	-
Switzerland.....	-	-	201	-	201	-
United Kingdom.....	4	454	11	3,121	15	(¹)
Asia Total	421,726	344,275	449,999	1,416,281	1,460,503	-3.0
China (Mainland).....	897	329	1,076	2,566	2,006	27.9
Hong Kong.....	-	10	-	10	-	-
Indonesia.....	420,828	343,936	448,923	1,413,704	1,425,916	-9
Japan.....	1	-	-	1	-	-
Vietnam.....	-	-	-	-	32,581	-
Oceania & Australia Total	33,066	70,510	31,052	135,099	156,515	-13.7
Australia.....	33,066	28,071	31,052	92,660	115,510	-19.8
New Zealand.....	-	42,439	-	42,439	41,005	3.5
Total	2,546,854	2,145,329	2,225,649	8,723,683	7,486,776	16.5

¹ Changes of 500 percent or more are not shown.

Notes: Total may not equal sum of components because of independent rounding. Coal imports include coal to Puerto Rico and the Virgin Islands.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 17. Average Price of U.S. Coal Imports
(Dollars per Short Ton)

Continent and Country of Origin	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$36.63	\$35.91	\$40.56	\$35.38	\$38.11	-7.2
Canada.....	36.69	35.91	40.56	35.40	38.11	-7.1
Mexico.....	20.87	-	-	20.87	-	-
South America Total	31.36	30.61	32.76	31.16	32.49	-4.1
Colombia.....	30.98	30.91	31.17	31.21	32.11	-2.8
Venezuela.....	32.27	30.12	34.57	31.09	33.26	-6.5
Europe Total	36.48	-	49.22	36.80	49.22	-25.2
Norway.....	-	-	49.45	-	49.45	-
Spain.....	36.48	-	-	36.48	-	-
Switzerland.....	-	-	41.20	-	41.20	-
United Kingdom.....	-	-	-	42.03	-	-
Asia Total	33.79	32.10	32.86	34.13	33.05	3.2
Indonesia.....	33.79	32.10	32.86	34.13	32.82	4.0
Vietnam.....	-	-	-	-	49.09	-
Oceania & Australia Total	32.25	32.08	31.45	31.89	33.47	-4.7
Australia.....	32.25	32.08	31.45	31.89	33.47	-4.7
Total ¹	32.57	31.76	34.19	32.19	33.50	-3.9
U.S. Total ²	31.38	32.38	34.49	32.18	34.32	-6.2

¹ The average prices presented in this table, with the exception of U.S. Total, are considered to be representative prices for coal imports and fall within the range of \$20 to \$55 per short ton, inclusively.

² U.S. Total is the average price of all coal imports.

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. Coal imports include coal to Puerto Rico and the Virgin Islands.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 18. Coal Imports by Customs District
(Short Tons)

Customs District	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
Eastern Total	682,483	562,810	679,738	2,418,583	2,508,318	-3.6
Boston, MA.....	476,073	268,853	356,260	1,439,079	1,533,510	-6.2
Portland, ME.....	73,190	143,717	146,069	367,609	366,768	.2
Buffalo, NY.....	295	1,850	1,166	3,992	6,060	-34.1
New York City, NY.....	101,589	148,390	164,053	512,213	518,043	-1.1
Ogdensburg, NY.....	19	-	-	19	-	-
Philadelphia, PA.....	31,317	-	12,190	95,671	83,918	14.0
Norfolk, VA.....	-	-	-	-	19	-
Southern Total	1,342,360	1,067,553	927,267	4,447,422	2,985,167	49.0
Mobile, AL.....	187,208	243,463	61,968	884,788	214,241	313.0
Savannah, GA.....	78,394	156,398	16,750	374,677	178,085	110.4
Miami, FL.....	-	-	38,591	90,381	38,604	134.1
Tampa, FL.....	664,240	323,509	298,169	1,671,217	1,320,515	26.6
New Orleans, LA.....	301,795	267,889	292,919	946,756	840,919	12.6
San Juan, PR.....	49,273	33,799	60,414	195,162	201,413	-3.1
Houston-Galveston, TX.....	-	42,495	122,284	165,853	154,865	7.1
Laredo, TX.....	1,270	-	-	1,964	353	456.4
Virgin Islands.....	60,180	-	36,172	116,624	36,172	222.4
Western Total	180,052	189,758	235,702	812,443	862,053	-5.8
Los Angeles, CA.....	4	-	-	4	149	-97.3
San Diego, CA.....	1	-	-	1	-	-
Honolulu, HI.....	152,099	146,557	204,928	681,812	759,385	-10.2
Great Falls, MT.....	-	-	1	-	282	-
Portland, OR.....	-	-	6,942	6,992	20,383	-65.7
Seattle, WA.....	27,948	43,201	23,831	123,634	81,854	51.0
Northern Total	341,959	325,208	382,942	1,045,235	1,131,238	-7.6
Chicago, IL.....	-	33,083	123,466	66,829	329,778	-79.7
Detroit, MI.....	185,185	131,814	162,299	415,127	388,678	6.8
Duluth, MN.....	-	-	-	-	416	-
Pembina, ND.....	155,877	160,048	96,101	560,779	410,509	36.6
Milwaukee, WI.....	897	263	1,076	2,500	1,857	34.6
Total	2,546,854	2,145,329	2,225,649	8,723,683	7,486,776	16.5

Note: Total may not equal sum of components because of independent rounding.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table 19. U.S. Coke Imports
(Short Tons)

Continent and Country of Origin	October - December 1998	July - September 1998	October - December 1997	Year to date		
				1998	1997	Percent Change
North America Total	20,334	20,325	1,387	63,949	19,222	232.7
Canada.....	20,334	20,325	1,387	63,949	19,222	232.7
Asia Total	789,982	1,192,484	385,419	3,770,503	1,546,070	143.9
China (Mainland).....	193,127	639,010	117,429	1,708,475	528,399	223.3
Japan.....	596,855	553,474	267,990	2,062,028	1,017,671	102.6
Total ¹	810,316	1,212,809	386,806	3,834,452	1,565,292	145.0

¹ The coke imports data have been revised for 1998. In an effort to more accurately reflect U.S. coke imports, an additional category has been included in the totals (see Preface). The historical data for 1991 through 1997 will be revised in the next issue of the "Quarterly Coal Report."

Note: Total may not equal sum of components because of independent rounding.
Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Receipts

Table 20. U.S. Coal Receipts by End-Use Sector, 1992-1998
(Thousand Short Tons)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial	Residential and Commercial	Total
1992 January - March	190,139	8,410	17,902	1,843	218,294
April - June	187,772	7,915	17,873	1,149	214,708
July - September	201,143	7,592	18,503	1,236	228,473
October - December	196,909	8,110	19,625	1,925	226,569
Total	775,963	32,027	73,903	6,153	888,046
1993 January - March	188,401	7,951	18,095	1,817	216,264
April - June	190,085	8,067	18,062	1,354	217,568
July - September	191,054	7,426	18,075	1,094	217,649
October - December	199,612	7,661	20,127	1,956	229,356
Total	769,152	31,104	74,359	6,221	880,836
1994 January - March	199,981	7,318	17,990	2,016	227,305
April - June	208,576	8,438	18,408	1,187	236,610
July - September	212,849	7,881	18,777	1,135	240,642
October - December	210,523	8,081	19,717	1,674	239,996
Total	831,929	31,719	74,893	6,013	944,553
1995 January - March	205,054	8,261	17,871	1,638	232,824
April - June	199,275	8,192	17,144	1,032	225,643
July - September	211,914	8,135	18,369	1,063	239,481
October - December	210,617	8,449	18,510	2,074	239,649
Total	826,860	33,036	71,895	5,807	937,597
1996 January - March	204,394	7,894	17,444	1,802	231,534
April - June	212,197	7,974	16,995	1,201	238,368
July - September	226,454	8,187	17,598	1,201	253,440
October - December	219,656	7,616	18,804	1,802	247,878
Total	862,701	31,672	70,842	6,006	971,220
1997 January - March	213,527	7,330	17,352	1,939	240,148
April - June	215,223	7,080	17,280	1,293	240,875
July - September	225,508	7,694	17,410	1,293	251,904
October - December	226,329	7,447	18,692	1,939	254,407
Total	880,588	29,550	70,733	6,463	987,334
1998 January - March	225,243	6,742	17,213	1,939	251,138
April - June	227,432	7,308	18,614	1,201	254,556
July - September	240,587	7,305	17,211	1,293	266,395
October - December	236,186	6,999	17,855	1,939	262,978
Total	929,448	28,354	70,893	6,372	1,035,067

Notes: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration • Electric Utilities: FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants" • Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report-Manufacturing Plants;" Form EIA-6, "Coal Distribution Report;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-7A, "Coal Production Report;" and • Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 21. Average Price of U.S. Coal Receipts by End-Use Sector, 1992-1998
(Dollars per Short Ton)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial ¹
1992 January - March	\$29.48	\$47.88	\$33.56
April - June.....	29.76	48.22	31.93
July - September.....	29.01	48.06	32.36
October - December.....	29.21	47.51	33.25
Average Annual Price	29.36	47.92	32.78
1993 January - March	28.64	48.50	32.86
April - June.....	28.95	47.41	32.08
July - September.....	28.31	47.07	31.65
October - December.....	28.44	46.74	32.31
Average Annual Price	28.58	47.44	32.23
1994 January - March	28.04	47.04	32.79
April - June.....	28.71	46.66	32.47
July - September.....	28.00	46.15	32.26
October - December.....	27.35	46.41	32.66
Average Annual Price	28.03	46.56	32.55
1995 January - March	27.35	47.19	32.51
April - June.....	27.46	47.57	32.52
July - September.....	26.79	47.02	32.36
October - December.....	26.47	47.56	32.32
Average Annual Price	27.01	47.34	32.42
1996 January - March	26.54	47.45	32.51
April - June.....	26.89	48.39	32.39
July - September.....	26.10	46.02	32.12
October - December.....	26.31	47.33	32.28
Average Annual Price	26.45	47.33	32.32
1997 January - March	26.54	48.16	32.60
April - June.....	26.49	48.24	32.29
July - September.....	25.72	46.71	32.33
October - December.....	25.92	47.40	32.40
Average Annual Price	26.16	47.61	32.41
1998 January - March	25.90	45.79	32.77
April - June.....	25.92	45.84	31.92
July - September.....	25.66	46.43	32.13
October - December.....	25.09	46.17	32.23
Average Annual Price	25.64	46.06	32.26

¹ Manufacturing plants only.

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the cost, insurance and freight (c.i.f. value). Price data for the Residential and Commercial sector are not available. See Technical Note 1 in Appendix C.

Sources: Energy Information Administration (EIA) • Electric Utilities: Federal Energy Regulatory Commission (FERC), FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants" • Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" and • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants."

Table 22. Coal Receipts by Census Division and State
(Thousand Short Tons)

Census Division and State	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
New England Total	774	1,385	1,988	5,949	7,525	-20.9
Connecticut.....	180	28	209	664	973	-31.8
Maine.....	53	50	44	169	194	-12.9
Massachusetts.....	177	847	1,209	3,539	4,612	-23.3
New Hampshire.....	335	431	417	1,465	1,633	-10.3
Rhode Island.....	1	1	1	3	3	2.6
Vermont.....	28	27	108	109	110	-1
Middle Atlantic Total	18,068	18,270	18,977	71,175	73,127	-2.7
New Jersey.....	735	625	581	2,329	2,103	10.8
New York.....	3,392	3,293	3,245	12,443	11,292	10.2
Pennsylvania.....	13,942	14,352	15,151	56,403	59,733	-5.6
East North Central Total	61,030	61,104	60,562	238,165	231,723	2.8
Illinois.....	12,109	11,421	11,729	46,363	47,321	-2.0
Indiana.....	16,848	17,594	17,058	68,306	64,509	5.9
Michigan.....	10,725	10,754	10,630	38,913	35,726	8.9
Ohio.....	14,829	14,884	15,142	59,327	58,818	.9
Wisconsin.....	6,520	6,452	6,003	25,256	25,348	-4
West North Central Total	39,021	37,817	34,624	148,754	134,236	10.8
Iowa.....	6,657	6,747	5,151	25,003	20,095	24.4
Kansas.....	4,457	4,644	4,307	18,576	16,812	10.5
Minnesota.....	5,253	5,098	5,061	19,721	19,183	2.8
Missouri.....	10,337	10,042	8,830	40,048	35,052	14.3
Nebraska.....	3,258	3,041	2,599	12,310	11,042	11.5
North Dakota.....	8,551	7,746	8,023	30,942	29,675	4.3
South Dakota.....	507	498	653	2,154	2,378	-9.4
South Atlantic Total	44,445	45,049	41,764	175,386	164,465	6.6
Delaware.....	435	685	416	1,921	1,868	2.8
District of Columbia.....	12	8	12	37	40	-8.4
Florida.....	7,628	7,069	7,303	29,225	28,914	1.1
Georgia.....	8,085	9,801	7,787	33,734	30,413	10.9
Maryland.....	2,896	2,895	2,886	11,670	10,970	6.4
North Carolina.....	7,774	7,568	6,966	30,030	28,549	5.2
South Carolina.....	3,773	3,680	3,632	14,923	13,871	7.6
Virginia.....	4,075	4,373	4,038	16,274	15,610	4.3
West Virginia.....	9,766	8,969	8,723	37,573	34,230	9.8
East South Central Total	27,524	28,905	29,788	113,354	115,920	-2.2
Alabama.....	8,960	9,156	8,798	36,039	36,022	*
Kentucky.....	5,582	10,019	11,295	40,465	43,482	-6.9
Mississippi.....	1,244	1,696	1,511	6,099	6,267	-2.7
Tennessee.....	7,738	8,035	8,184	30,751	30,150	2.0
West South Central Total	37,676	40,500	35,081	150,292	141,907	5.9
Arkansas.....	3,892	3,843	3,028	14,457	12,175	18.7
Louisiana.....	3,589	4,029	3,142	14,096	13,230	6.5
Oklahoma.....	5,022	5,027	4,537	20,694	19,312	7.2
Texas.....	25,173	27,601	24,374	101,046	97,190	4.0
Mountain Total	31,305	30,309	28,953	118,704	109,731	8.2
Arizona.....	4,935	5,158	4,913	19,565	17,486	11.9
Colorado.....	4,779	4,855	4,368	18,837	17,548	7.3
Idaho.....	110	153	70	452	392	15.6
Montana.....	2,816	2,871	2,756	10,680	9,391	13.7
Nevada.....	2,473	2,319	1,942	8,246	7,031	17.3
New Mexico.....	4,250	4,345	3,831	15,923	15,860	.4
Utah.....	4,252	3,933	4,305	16,836	16,738	.6
Wyoming.....	7,688	6,676	6,768	28,165	25,286	11.4
Pacific Total	3,135	3,056	2,671	13,286	8,699	52.7
Alaska.....	151	101	151	498	505	-1.4
California.....	749	690	553	2,876	2,106	36.5
Hawaii.....	38	33	52	148	155	-4.5
Oregon.....	629	420	479	3,521	966	264.6
Washington.....	1,568	1,811	1,435	6,244	4,967	25.7
U.S. Total	262,978	266,395	254,407	1,035,067	987,334	4.8

* Rounded to zero.

Notes: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants;" Form EIA-3, "Quarterly Coal Consumption-Manufacturing Plants;" Form EIA-5, "Coke Plant Report - Quarterly;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-7A, "Coal Production Report;" and Form EIA-6, "Coal Distribution Report."

Table 23. Quantity and Price of Coal Receipts at Electric Utility Plants by Census Division and State

Census Division and State	October-December 1998		October-December 1997		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1998		1997		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
New England	668	170	1,799	169	5,538	168	7,125	171	-22.3	-2.1
Connecticut.....	178	181	193	189	657	181	952	190	-31.0	-4.9
Massachusetts.....	157	172	1,191	167	3,473	168	4,545	170	-23.6	-1.3
New Hampshire.....	333	162	416	167	1,408	161	1,628	163	-13.5	-1.2
Mid Atlantic	14,146	136	13,990	138	55,557	138	54,185	138	2.5	-.5
New Jersey.....	730	156	576	174	2,312	159	2,087	176	10.8	-9.4
New York.....	2,567	143	2,427	142	9,296	143	8,277	142	12.3	.7
Pennsylvania.....	10,849	133	10,986	135	43,948	135	43,821	136	.3	-4
East North Central	53,374	127	52,767	130	208,745	130	202,401	131	3.1	-.6
Illinois.....	10,511	141	9,945	147	39,867	156	40,750	155	-2.2	.2
Indiana.....	14,250	112	14,267	117	57,091	112	53,353	116	7.0	-3.5
Michigan.....	9,263	133	9,488	136	34,906	133	32,145	137	8.6	-2.5
Ohio.....	13,357	135	13,591	135	53,442	136	52,743	132	1.3	3.3
Wisconsin.....	5,994	105	5,475	108	23,438	107	23,410	109	.1	-1.4
West North Central	35,120	87	30,718	90	134,443	89	120,150	92	11.9	-3.0
Iowa.....	5,873	83	4,291	91	21,657	88	16,675	94	29.9	-6.5
Kansas.....	4,431	98	4,276	96	18,445	98	16,672	102	10.6	-3.9
Minnesota.....	4,655	99	4,513	103	17,915	107	17,591	109	1.8	-2.3
Missouri.....	9,952	92	8,437	93	38,589	92	33,553	93	15.0	-1.8
Nebraska.....	3,142	59	2,467	58	11,940	59	10,638	59	12.2	.2
North Dakota.....	6,682	76	6,199	81	24,199	76	23,087	78	4.8	-2.1
South Dakota.....	384	93	536	90	1,699	93	1,934	92	-12.2	.8
South Atlantic	40,522	143	37,895	146	159,850	145	149,311	148	7.1	-2.0
Delaware.....	385	153	362	152	1,744	156	1,682	157	3.7	-.5
Florida.....	7,325	161	6,990	169	27,904	165	27,595	172	1.1	-4.5
Georgia.....	7,611	154	7,246	159	31,748	155	28,346	159	12.0	-2.5
Maryland.....	2,666	147	2,681	148	10,845	146	10,139	150	7.0	-2.9
North Carolina.....	7,213	142	6,385	140	27,818	144	26,151	143	6.4	.6
South Carolina.....	3,258	145	3,090	145	12,945	145	11,835	145	9.4	*
Virginia.....	3,196	137	3,117	139	12,716	138	11,930	139	6.6	-1.1
West Virginia.....	8,869	122	8,024	123	34,130	122	31,633	124	7.9	-1.3
East South Central	24,407	126	26,491	124	100,791	126	102,352	124	-1.5	1.7
Alabama.....	7,684	156	7,468	154	30,920	157	30,378	154	1.8	2.5
Kentucky.....	8,708	107	10,305	105	36,962	106	39,550	105	-6.5	1.3
Mississippi.....	1,192	157	1,440	155	5,886	154	6,043	155	-2.6	-6
Tennessee.....	6,823	114	7,279	113	27,023	112	26,381	112	2.4	*
West South Central	36,150	119	33,485	128	144,195	123	135,858	127	6.1	-2.7
Arkansas.....	3,812	136	2,968	158	14,173	147	11,879	164	19.3	-10.2
Louisiana.....	3,573	143	3,132	149	14,043	143	13,167	148	6.7	-3.4
Oklahoma.....	4,798	88	4,275	91	19,747	91	18,378	92	7.5	-9
Texas.....	23,967	118	23,111	129	96,231	124	92,435	126	4.1	-1.6
Mountain	29,632	105	27,380	105	112,208	107	103,539	111	8.4	-3.1
Arizona.....	4,743	133	4,735	137	18,826	133	16,788	142	12.1	-6.6
Colorado.....	4,567	97	4,149	95	18,061	99	16,711	101	8.1	-2.3
Montana.....	2,753	70	2,678	70	10,520	67	9,160	68	14.8	-1.4
Nevada.....	2,419	121	1,891	132	8,035	130	6,851	139	17.3	-6.8
New Mexico.....	4,227	124	3,809	127	15,841	131	15,775	134	.4	-2.2
Utah.....	3,782	107	3,908	103	14,896	115	15,053	111	-1.0	3.2
Wyoming.....	7,140	84	6,209	78	26,029	79	23,201	81	12.2	-2.4
Pacific	2,167	138	1,804	137	8,120	138	5,667	154	43.3	-10.4
Oregon.....	629	109	413	114	2,014	109	875	114	130.2	-4.4
Washington.....	1,538	150	1,391	145	6,106	149	4,792	163	27.4	-8.5
U.S. Total	236,186	123	226,329	126	929,448	125	880,588	127	5.5	-1.7

* For percent change, the value is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 24. Quantity and Price of Contract Coal Receipts at Electric Utility Plants by Census Division and State

Census Division and State	October-December 1998		October-December 1997		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1998		1997		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
New England	457	171	1,470	169	4,453	168	5,889	171	-24.4	-1.9
Connecticut.....	108	184	179	190	493	185	870	192	-43.3	-3.8
Massachusetts.....	90	169	1,035	166	2,932	166	4,024	169	-27.1	-1.6
New Hampshire.....	260	166	257	165	1,028	165	995	163	3.3	1.5
Mid Atlantic	11,145	140	10,940	143	45,136	141	41,691	142	8.3	-1.0
New Jersey.....	608	159	509	175	1,891	162	1,882	177	.5	-8.5
New York.....	2,055	143	2,234	141	7,897	144	7,354	140	7.4	2.5
Pennsylvania.....	8,482	137	8,197	142	35,348	139	32,455	141	8.9	-1.1
East North Central	38,549	132	37,756	137	156,617	136	151,908	137	3.1	-1.3
Illinois.....	8,692	146	7,863	158	34,093	162	33,873	164	.6	-1.1
Indiana.....	9,715	116	10,293	122	39,742	116	38,206	123	4.0	-5.7
Michigan.....	6,303	136	6,355	139	26,271	135	25,217	138	4.2	-2.4
Ohio.....	9,293	145	8,669	149	38,325	146	35,463	143	8.1	1.7
Wisconsin.....	4,546	106	4,577	102	18,186	104	19,149	103	-5.0	.9
West North Central	28,226	87	27,275	90	110,045	88	107,439	92	2.4	-4.0
Iowa.....	4,002	81	3,628	91	15,927	87	13,739	94	15.9	-7.4
Kansas.....	4,431	98	4,276	96	18,283	98	16,606	102	10.1	-3.8
Minnesota.....	4,435	98	4,427	102	17,253	106	17,156	109	.6	-2.6
Missouri.....	5,907	93	6,220	93	23,249	90	26,850	94	-13.4	-3.8
Nebraska.....	2,386	55	1,991	56	9,436	56	8,277	56	14.0	-.2
North Dakota.....	6,682	76	6,198	81	24,199	76	22,876	78	5.8	-2.0
South Dakota.....	384	93	536	90	1,699	93	1,934	92	-12.2	.8
South Atlantic	28,798	145	27,128	148	112,997	146	108,150	148	4.5	-1.7
Delaware.....	381	153	357	152	1,698	156	1,482	158	14.5	-.8
Florida.....	5,151	166	4,818	174	18,851	171	17,843	179	5.6	-4.5
Georgia.....	3,850	158	4,051	167	15,589	159	15,532	166	.4	-4.4
Maryland.....	1,775	146	1,919	148	7,461	146	7,464	148	*	-1.6
North Carolina.....	5,382	144	4,317	144	21,009	147	19,208	146	9.4	.3
South Carolina.....	2,635	144	2,434	144	10,528	144	8,776	145	20.0	-.5
Virginia.....	2,139	137	2,156	140	8,509	139	8,661	139	-1.8	-.6
West Virginia.....	7,485	125	7,076	125	29,353	125	29,184	125	.6	-.4
East South Central	18,952	128	18,868	127	77,258	129	76,191	127	1.4	1.5
Alabama.....	6,136	160	6,372	159	26,231	162	25,996	158	.9	2.5
Kentucky.....	6,385	106	6,281	103	24,637	106	26,608	104	-7.4	2.1
Mississippi.....	921	161	1,221	156	4,947	157	5,087	156	-2.8	.4
Tennessee.....	5,510	112	4,994	111	21,443	111	18,499	112	15.9	-.8
West South Central	32,525	118	31,415	128	133,396	123	128,492	127	3.8	-2.5
Arkansas.....	3,450	138	2,850	158	12,994	151	11,079	167	17.3	-10.0
Louisiana.....	3,335	140	3,132	149	13,660	142	13,167	148	3.7	-4.2
Oklahoma.....	4,603	88	4,211	91	19,115	91	18,303	92	4.4	-.7
Texas.....	21,136	118	21,222	128	87,627	124	85,944	126	2.0	-1.4
Mountain	27,641	106	25,454	106	105,028	108	97,172	111	8.1	-3.0
Arizona.....	4,193	134	3,998	141	16,408	136	14,313	147	14.6	-7.4
Colorado.....	4,091	99	3,699	97	16,789	100	15,182	103	10.6	-2.6
Montana.....	2,753	70	2,678	70	10,520	67	9,160	68	14.8	-1.4
Nevada.....	2,054	124	1,534	138	6,791	132	6,151	142	10.4	-7.3
New Mexico.....	4,227	124	3,809	127	15,841	131	15,775	134	.4	-2.2
Utah.....	3,782	107	3,780	103	14,678	115	14,187	113	3.5	2.1
Wyoming.....	6,541	85	5,956	79	24,001	80	22,404	81	7.1	-1.2
Pacific	1,191	160	1,284	147	4,623	159	4,549	165	1.6	-3.5
Washington.....	1,191	160	1,284	147	4,623	159	4,549	165	1.6	-3.5
U.S. Total	187,485	124	181,591	127	749,553	127	721,482	129	3.9	-1.7

* For percent change, the value is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 25. Quantity and Price of Spot Coal Receipts at Electric Utility Plants by Census Division and State

Census Division and State	October-December 1998		October-December 1997		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1998		1997		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
New England	211	167	329	172	1,086	165	1,236	170	-12.2	-2.8
Connecticut	70	176	14	172	164	170	82	175	100.0	-2.5
Massachusetts.....	68	177	156	174	541	174	521	176	3.8	-1.3
New Hampshire.....	73	150	159	169	381	151	633	164	-39.8	-8.2
Mid Atlantic	3,001	122	3,049	121	10,421	122	12,494	124	-16.6	-1.5
New Jersey.....	123	144	67	164	421	146	205	164	105.2	-10.5
New York.....	512	139	194	152	1,399	141	923	159	51.6	-11.3
Pennsylvania.....	2,367	117	2,789	117	8,601	117	11,366	120	-24.3	-2.1
East North Central	14,825	114	15,010	113	52,129	114	50,493	112	3.2	1.5
Illinois.....	1,818	117	2,083	102	5,775	118	6,877	115	-16.0	2.0
Indiana.....	4,535	106	3,974	103	17,349	104	15,147	100	14.5	4.0
Michigan.....	2,960	128	3,133	131	8,635	129	6,928	132	24.6	-2.2
Ohio.....	4,064	114	4,921	110	15,117	113	17,280	109	-12.5	3.7
Wisconsin.....	1,448	104	899	134	5,252	117	4,261	130	23.3	-9.4
West North Central	6,894	88	3,443	89	24,398	91	12,711	87	91.9	3.7
Iowa.....	1,871	87	662	90	5,730	88	2,936	91	95.1	-2.8
Kansas.....	-	-	-	-	162	64	66	74	147.3	-14.0
Minnesota.....	220	114	86	125	662	122	435	120	52.1	1.3
Missouri.....	4,046	90	2,217	91	15,340	94	6,703	91	128.9	2.8
Nebraska.....	756	70	476	67	2,504	69	2,360	67	6.1	3.0
North Dakota.....	*	56	1	55	*	56	210	80	-99.9	-30.5
South Atlantic	11,724	140	10,766	142	46,853	141	41,161	145	13.8	-2.6
Delaware.....	3	135	5	152	46	151	200	153	-76.9	-1.2
Florida.....	2,174	147	2,172	158	9,053	151	9,752	160	-7.2	-5.5
Georgia.....	3,761	150	3,195	147	16,159	150	12,813	148	26.1	1.4
Maryland.....	891	147	762	148	3,384	145	2,675	155	26.5	-6.2
North Carolina.....	1,830	139	2,068	133	6,809	134	6,943	133	-1.9	1.0
South Carolina.....	623	146	655	145	2,418	146	3,059	143	-21.0	1.5
Virginia.....	1,056	136	961	138	4,207	136	3,269	139	28.7	-2.1
West Virginia.....	1,384	106	948	109	4,778	107	2,449	108	95.1	-1.2
East South Central	5,455	122	7,624	115	23,533	116	26,161	114	-10.0	1.7
Alabama.....	1,548	139	1,095	131	4,689	133	4,382	128	7.0	4.3
Kentucky.....	2,323	108	4,025	108	12,325	106	12,942	106	-4.8	-3
Mississippi.....	271	140	219	150	938	137	956	147	-1.8	-6.6
Tennessee.....	1,313	122	2,285	117	5,580	118	7,881	114	-29.2	3.5
West South Central	3,625	121	2,070	135	10,799	122	7,366	128	46.6	-4.3
Arkansas.....	362	116	118	135	1,179	109	800	117	47.4	-7.1
Louisiana.....	238	177	-	-	383	179	-	-	-	-
Oklahoma.....	194	84	63	122	632	86	75	116	NM	-26.1
Texas.....	2,831	118	1,889	135	8,605	124	6,491	129	32.6	-4.1
Mountain	1,991	95	1,925	97	7,180	95	6,367	99	12.8	-3.7
Arizona.....	550	120	738	112	2,417	114	2,475	117	-2.3	-2.8
Colorado.....	477	87	449	79	1,273	80	1,529	82	-16.8	-2.7
Nevada.....	365	105	357	108	1,244	119	699	114	77.9	4.1
Utah.....	-	-	128	105	218	96	866	88	-74.8	9.4
Wyoming.....	599	70	253	65	2,028	65	797	72	154.5	-10.2
Pacific	976	114	520	115	3,497	114	1,118	116	212.8	-1.6
Oregon.....	629	109	413	114	2,014	109	875	114	130.2	-4.4
Washington.....	347	121	107	122	1,483	121	243	124	NM	-2.0
U.S. Total	48,700	119	44,738	121	179,895	120	159,106	121	13.1	-1.3

* For percent change, the value is less than 0.05 percent.

NM Percent change calculation not meaningful as value is greater than 500.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 26. Average Cost of Coal Receipts at Electric Utility Plants by Census Division and State
(Dollars per Short Ton)

Census Division and State	October-December 1998	July-September 1998	October-December 1997	Year to Date		
				1998	1997	Percent Change
New England	\$44.47	\$42.19	\$43.42	\$42.94	\$43.67	-1.7
Connecticut	47.20	48.61	49.50	47.59	50.02	-4.9
Massachusetts.....	45.12	41.95	42.36	42.30	42.72	-1.0
New Hampshire	42.70	42.25	43.64	42.35	42.62	-6
Mid Atlantic	33.95	34.30	34.43	34.33	34.39	-2
New Jersey	40.93	41.68	45.76	41.71	45.94	-9.2
New York.....	37.11	37.35	37.27	37.44	37.32	.3
Pennsylvania	32.73	33.24	33.21	33.28	33.28	*
East North Central	26.92	27.88	27.57	27.51	27.68	-6
Illinois	27.34	31.43	28.53	30.22	30.41	-6
Indiana.....	23.81	23.53	24.43	23.63	24.35	-3.0
Michigan	28.29	28.48	28.87	28.19	28.93	-2.6
Ohio.....	32.27	32.77	32.09	32.52	31.41	3.5
Wisconsin.....	19.52	20.65	20.56	19.97	20.43	-2.2
West North Central	14.49	14.90	14.99	14.91	15.39	-3.1
Iowa.....	14.32	15.28	15.68	15.12	16.23	-6.8
Kansas.....	17.02	16.73	16.82	17.06	17.91	-4.7
Minnesota.....	17.63	19.21	18.25	19.00	19.47	-2.4
Missouri.....	16.33	16.38	16.69	16.40	16.80	-2.4
Nebraska.....	10.11	10.01	9.94	10.07	10.06	.1
North Dakota.....	10.01	9.74	10.52	10.01	10.21	-2.0
South Dakota.....	16.21	16.19	15.77	16.19	15.99	1.2
South Atlantic	35.33	35.71	36.05	35.58	36.34	-2.1
Delaware	40.06	40.80	40.04	40.52	41.05	-1.3
Florida	38.95	40.22	41.09	40.03	41.82	-4.3
Georgia.....	36.22	36.22	37.40	36.31	37.28	-2.6
Maryland	37.92	37.35	38.09	37.63	38.75	-2.9
North Carolina	35.47	35.92	34.75	35.66	35.35	.9
South Carolina	37.08	37.11	37.07	37.05	37.21	-4
Virginia	34.52	34.78	34.92	34.73	34.98	-7
West Virginia.....	30.14	30.04	30.67	30.06	30.68	-2.0
East South Central	29.39	28.91	28.57	29.10	28.70	1.4
Alabama	36.06	35.89	35.31	36.28	35.58	2.0
Kentucky	24.84	24.71	24.45	24.52	24.20	1.3
Mississippi.....	34.56	32.06	32.15	32.51	32.44	.2
Tennessee.....	26.78	25.84	26.77	26.39	26.67	-1.0
West South Central	18.52	19.11	19.94	19.34	19.69	-1.8
Arkansas.....	23.72	26.71	27.44	25.53	28.56	-10.6
Louisiana	23.10	23.43	24.31	23.15	23.97	-3.4
Oklahoma	15.23	15.68	15.68	15.74	15.87	-8
Texas	17.67	17.99	19.17	18.61	18.69	-5
Mountain	20.35	21.00	20.45	20.83	21.52	-3.2
Arizona.....	26.97	26.88	27.75	27.12	28.95	-6.3
Colorado	19.00	19.08	18.61	19.41	19.93	-2.6
Montana.....	11.75	9.75	11.83	11.36	11.52	-1.3
Nevada.....	27.18	28.75	29.81	29.07	31.10	-6.5
New Mexico.....	22.26	24.08	22.90	23.72	24.23	-2.1
Utah.....	24.18	27.66	23.29	25.97	25.22	3.0
Wyoming.....	14.65	14.12	13.71	13.83	14.16	-2.3
Pacific	22.81	22.69	22.44	23.07	25.19	-8.4
Oregon.....	18.58	18.94	19.89	18.92	19.95	-5.2
Washington	24.54	23.59	23.20	24.44	26.15	-6.5
U.S. Total	25.09	25.66	25.92	25.64	26.16	-2.0

* For percent change, the value is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding.

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

Table 27. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-December 1998

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	8,757	205	6,853	162	1,052	139	16,661	183	0.90	3.9	1.7	-2.4
Arizona	12,183	120	-	-	-	-	12,183	120	.48	10.3	-3.8	-1.0
Colorado	22,289	124	399	111	-	-	22,687	124	.42	4.8	.3	.6
Illinois	255	152	14,520	137	20,185	128	34,961	132	1.96	-6	-3.0	-3.8
Indiana	1,621	147	11,451	122	20,033	100	33,106	110	2.09	9.6	.7	.4
Kansas	-	-	-	-	353	102	353	102	3.73	16.2	-7.9	10.2
Kentucky	17,343	152	74,788	140	28,361	108	120,492	135	1.28	-1.1	-6	-6.4
Louisiana	-	-	2,736	134	696	148	3,432	137	1.32	-3.9	-1.1	-17.6
Maryland	-	-	3,950	123	1	130	3,951	123	1.35	9.4	-1.3	1.9
Missouri	-	-	-	-	193	118	193	118	2.90	-23.1	8.1	-12.2
Montana	20,644	144	19,526	87	25	109	40,195	117	.59	4.9	-6.4	-1.2
New Mexico	7,129	153	19,770	131	-	-	26,899	137	.75	2.5	-5.4	-3
North Dakota	-	-	23,136	76	1,002	82	24,138	76	1.16	5.0	-2.2	-9
Ohio	2	154	355	124	22,914	143	23,270	143	3.01	-9.0	11.8	1.1
Oklahoma	-	-	-	-	162	109	162	109	2.76	22.7	-9.3	14.3
Pennsylvania	1,892	148	43,645	134	12,558	122	58,095	132	1.43	9.2	.4	-1.1
Tennessee	48	155	2,387	127	-	-	2,435	128	1.04	-20.1	1.3	13.5
Texas	-	-	24,638	111	24,704	90	49,342	100	1.63	-1.8	4.4	-1.9
Utah	18,283	115	649	113	-	-	18,933	115	.40	2.9	-1	-4.7
Virginia	5,858	154	10,648	139	311	126	16,818	144	.77	9.6	-1.4	-8.0
Washington	-	-	4,624	159	-	-	4,624	159	.85	4.4	-4.1	4.8
West Virginia	34,606	149	44,610	136	26,894	128	106,110	138	1.23	1.9	-1.9	3.2
Wyoming	287,720	111	16,842	108	-	-	304,562	110	.39	12.8	-3.6	-2.9
Imported.....	5,313	156	532	147	-	-	5,845	156	.51	20.0	-2.5	-11.3
Total.....	443,943	124	326,059	129	159,446	119	929,448	125	1.04	5.5	-1.7	-4.2

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-December 1998, 1997

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1998	1997	1998	1997	1998	1997	1998	1997
Alabama	30,920	30,378	84.8	85.6	0.99	0.97	157	154
Alabama.....	16,432	15,494	91.3	93.8	.89	.90	184	181
Colorado.....	675	827	71.7	100.0	.40	.44	118	113
Illinois.....	1,124	1,557	15.9	13.0	1.78	1.19	131	132
Indiana.....	61	-	-	-	3.13	-	110	-
Kentucky.....	4,454	3,393	72.0	67.0	1.68	1.93	120	115
Montana.....	-	25	-	-	-	.47	-	110
Pennsylvania.....	39	85	100.0	100.0	1.63	1.85	112	113
Tennessee.....	553	894	100.0	100.0	.71	.70	137	133
Utah.....	-	122	-	81.1	-	.39	-	122
Virginia.....	35	-	-	-	.67	-	139	-
West Virginia.....	1,494	2,756	48.3	68.8	1.53	1.26	131	133
Wyoming.....	6,053	5,226	99.8	99.3	.31	.30	119	113
Arizona	18,826	16,788	87.2	85.3	.54	.54	133	142
Arizona.....	7,680	6,646	100.0	100.0	.49	.50	117	119
Colorado.....	207	-	-	-	.42	-	190	-
Montana.....	94	-	-	-	.39	-	132	-
New Mexico.....	10,593	9,959	82.4	77.0	.58	.56	146	161
Wyoming.....	251	183	-	-	.29	.40	119	108
Arkansas	14,173	11,879	91.7	93.3	.34	.37	147	164
Wyoming.....	14,173	11,879	91.7	93.3	.34	.37	147	164
Colorado	18,061	16,711	93.0	90.9	.39	.38	99	101
Colorado.....	11,000	10,500	89.7	90.0	.41	.41	107	108
New Mexico.....	11	-	-	-	.43	-	127	-
Wyoming.....	7,051	6,211	98.2	92.3	.35	.34	83	87
Connecticut	657	952	75.0	91.4	.40	.41	181	190
Kentucky.....	456	760	90.6	99.3	.38	.39	183	192
Virginia.....	-	4	-	100.0	-	.52	-	184
West Virginia.....	95	153	84.2	72.6	.46	.47	182	188
Imported coal Venezuela.....	106	35	-	-	.46	.48	171	170
Delaware	1,744	1,682	97.3	88.1	.75	.76	156	157
Kentucky.....	92	-	100.0	-	.53	-	172	-
Maryland.....	170	161	100.0	100.0	1.11	1.11	146	148
Pennsylvania.....	523	501	97.5	80.2	1.01	1.03	142	142
Virginia.....	145	188	100.0	95.3	.58	.65	177	157
West Virginia.....	814	833	95.9	88.9	.56	.56	162	169
Florida	27,904	27,595	67.6	64.7	1.28	1.31	165	172
Alabama.....	129	362	-	-	.83	1.70	160	177
Colorado.....	-	14	-	-	-	.54	-	183
Illinois.....	7,466	6,015	83.0	79.1	1.86	1.90	163	178
Indiana.....	30	5	100.0	-	2.79	.62	125	164
Kentucky.....	13,443	14,539	65.9	61.1	1.18	1.28	168	173
Virginia.....	789	957	94.6	91.2	.62	.75	206	204
West Virginia.....	2,241	2,546	52.3	47.3	1.34	1.16	165	170
Wyoming.....	1,064	971	-	-	.46	.49	134	141
Imported coal Colombia.....	1,909	1,385	76.8	100.0	.55	.66	146	150
Imported coal Indonesia.....	597	741	62.6	100.0	.22	.37	157	163
Imported coal Venezuela.....	235	59	-	-	.58	1.13	159	130
Georgia	31,748	28,346	49.1	54.8	.72	.71	155	159
Alabama.....	72	50	-	-	1.52	1.51	142	135
Illinois.....	677	1,033	100.0	95.5	1.13	.95	138	147
Kentucky.....	16,043	14,728	57.2	65.7	.82	.79	149	155
Tennessee.....	48	-	-	-	.50	-	155	-
Virginia.....	3,447	2,199	57.1	60.1	.69	.72	153	157
West Virginia.....	4,888	4,688	77.1	75.8	.62	.58	180	181
Wyoming.....	6,158	5,369	-	-	.42	.45	150	150
Imported coal Venezuela.....	414	279	-	-	.81	1.07	145	135
Illinois	39,867	40,750	85.5	83.1	1.13	1.20	156	155
Colorado.....	1,204	1,135	90.4	75.8	.44	.45	140	136
Illinois.....	13,985	14,315	85.0	83.6	2.30	2.46	123	124
Indiana.....	1,625	1,708	63.5	53.1	.90	.88	152	142
Kentucky.....	98	226	90.8	15.9	2.31	.51	119	171
Montana.....	1,713	1,572	100.0	100.0	.35	.35	220	255
Utah.....	818	1,377	93.5	72.2	.40	.38	158	173
West Virginia.....	-	47	-	-	-	.72	-	146
Wyoming.....	20,425	20,370	85.7	86.1	.34	.37	179	175
Indiana	57,091	53,353	69.6	71.6	1.55	1.54	112	116
Illinois.....	4,043	4,788	63.0	86.1	2.14	2.08	117	131
Indiana.....	28,750	25,608	65.6	60.8	2.11	2.10	108	108

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-December 1998, 1997 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1998	1997	1998	1997	1998	1997	1998	1997
Indiana								
Kentucky.....	1,406	952	42.6	75.3	1.16	1.27	121	125
Montana.....	—	1,245	—	100.0	—	.35	—	254
Ohio.....	945	1,225	—	—	3.44	3.44	110	104
Pennsylvania.....	699	707	90.4	91.6	1.55	1.72	107	107
Virginia.....	813	864	100.0	96.4	.52	.54	160	157
West Virginia.....	2,332	1,257	40.4	54.4	1.16	.96	117	138
Wyoming.....	18,103	16,706	84.7	86.2	.34	.34	116	113
Iowa.....	21,657	16,675	73.5	82.4	.51	.52	88	94
Colorado.....	515	467	94.4	91.3	.42	.46	132	135
Illinois.....	360	288	22.8	52.1	2.30	2.19	114	123
Indiana.....	90	218	100.0	77.3	1.23	1.31	125	123
Kentucky.....	195	54	38.2	—	2.06	2.26	118	122
Montana.....	141	78	15.9	—	.34	.36	139	148
Ohio.....	11	—	—	—	3.31	—	140	—
Pennsylvania.....	11	—	—	—	1.00	—	140	—
West Virginia.....	1	11	—	—	2.08	2.08	164	155
Wyoming.....	20,333	15,559	74.6	83.5	.45	.46	84	90
Kansas.....	18,445	16,672	99.1	99.6	.52	.55	98	102
Colorado.....	886	1,509	100.0	100.0	.42	.38	122	126
Illinois.....	30	129	100.0	100.0	2.16	2.70	128	107
Kansas.....	353	246	100.0	100.0	3.73	3.52	102	107
Missouri.....	21	154	100.0	100.0	3.05	3.78	127	101
Montana.....	378	104	100.0	100.0	.37	.41	93	95
Oklahoma.....	75	26	100.0	62.9	2.71	2.96	119	117
Wyoming.....	16,702	14,503	99.0	99.6	.42	.43	96	99
Kentucky.....	36,962	39,550	66.7	67.3	2.04	2.16	106	105
Colorado.....	2,841	2,118	99.6	99.7	.44	.44	128	129
Illinois.....	246	191	—	—	2.06	2.25	101	102
Indiana.....	2,022	2,336	95.5	98.9	2.93	2.83	97	92
Kentucky.....	24,333	26,751	59.1	63.8	2.29	2.44	104	102
Ohio.....	659	788	92.4	49.8	3.50	3.59	93	91
Pennsylvania.....	75	115	71.6	82.1	1.72	1.72	109	107
Utah.....	22	143	100.0	93.0	.50	.54	139	134
West Virginia.....	6,519	6,607	71.3	63.9	1.52	1.37	108	112
Wyoming.....	245	502	71.0	54.1	.35	.51	98	109
Louisiana.....	14,043	13,167	97.3	100.0	.70	.78	143	148
Colorado.....	52	—	—	—	.42	—	153	—
Louisiana.....	3,432	3,570	100.0	100.0	1.32	1.60	137	138
Texas.....	123	—	100.0	—	2.34	—	132	—
Wyoming.....	10,134	9,597	99.7	100.0	.54	.54	143	151
Imported coal Indonesia.....	303	—	—	—	.09	—	188	—
Maryland.....	10,845	10,139	68.8	73.6	.91	.88	146	150
Kentucky.....	485	601	100.0	84.2	.58	.63	146	152
Maryland.....	678	768	92.0	87.9	1.14	1.11	176	175
Pennsylvania.....	3,249	1,801	18.4	40.2	1.11	1.12	147	152
West Virginia.....	6,433	6,969	89.5	79.8	.80	.81	142	146
Massachusetts.....	3,473	4,545	84.4	88.5	.57	.57	168	170
Kentucky.....	558	717	86.7	90.4	.50	.52	180	179
Pennsylvania.....	183	280	100.0	88.0	1.11	1.04	161	166
West Virginia.....	1,793	2,088	74.0	80.0	.56	.56	168	171
Imported coal Colombia.....	467	1,078	100.0	100.0	.51	.52	170	166
Imported coal Venezuela.....	472	383	100.0	100.0	.53	.52	153	163
Michigan.....	34,906	32,145	75.3	78.4	.63	.64	133	137
Colorado.....	672	518	91.9	98.0	.45	.48	142	134
Illinois.....	25	—	—	—	1.08	—	152	—
Indiana.....	120	162	100.0	100.0	2.11	2.06	138	136
Kentucky.....	4,440	4,007	60.7	56.8	.68	.73	151	152
Montana.....	10,739	9,431	92.5	90.2	.39	.41	145	151
Ohio.....	153	79	32.9	77.6	2.67	2.60	158	156
Pennsylvania.....	3,730	2,701	44.4	82.9	1.15	1.16	125	122
Utah.....	37	—	—	—	.44	—	141	—
West Virginia.....	4,913	5,757	54.2	64.4	.93	.89	152	153
Wyoming.....	10,078	9,490	84.7	81.7	.34	.34	99	106
Minnesota.....	17,915	17,591	96.3	97.5	.50	.51	107	109
Illinois.....	42	114	100.0	100.0	1.16	1.13	161	163
Indiana.....	69	5	—	—	1.16	1.25	150	149
Kentucky.....	1	—	—	—	1.07	—	150	—
Montana.....	9,486	9,592	95.1	95.5	.66	.65	110	110
Wyoming.....	8,317	7,880	98.5	100.0	.29	.31	103	108

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-December 1998, 1997 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1998	1997	1998	1997	1998	1997	1998	1997
Mississippi	5,886	6,043	84.1	84.2	0.71	0.65	154	155
Alabama	28	126	-	-	.57	.83	148	146
Colorado	-	36	-	-	-	.42	-	155
Illinois	1,415	1,149	89.9	87.7	1.26	1.00	141	138
Kentucky	967	1,225	98.4	70.0	.73	.80	197	192
Montana	2,831	3,221	95.9	100.0	.39	.42	147	145
Pennsylvania	7	-	100.0	-	1.12	-	142	-
Wyoming	463	285	-	-	.48	.53	132	134
Imported coal Venezuela	174	-	-	-	.60	-	140	-
Missouri	38,589	33,553	60.2	80.0	.41	.52	92	93
Colorado	30	-	-	-	.54	-	137	-
Illinois	1,803	2,652	41.5	78.2	1.67	2.12	131	130
Indiana	148	-	-	-	.60	-	131	-
Kansas	-	58	-	93.5	-	2.84	-	128
Kentucky	43	74	65.7	100.0	1.50	1.33	192	181
Missouri	172	97	96.7	95.9	2.89	2.57	117	122
Oklahoma	-	12	-	100.0	-	2.87	-	128
Utah	-	11	-	100.0	-	.47	-	145
Wyoming	36,392	30,649	61.3	80.0	.31	.32	89	89
Montana	10,520	9,160	100.0	100.0	.85	.86	67	68
Montana	10,123	8,650	100.0	100.0	.88	.89	68	69
Wyoming	397	510	100.0	100.0	.28	.27	54	55
Nebraska	11,940	10,638	79.0	77.8	.32	.37	59	59
Wyoming	11,940	10,638	79.0	77.8	.32	.37	59	59
Nevada	8,035	6,851	84.5	89.8	.42	.45	130	139
Arizona	4,503	4,399	100.0	100.0	.47	.46	126	134
Colorado	20	48	100.0	100.0	.41	.49	196	201
Utah	3,512	2,387	64.6	71.4	.35	.43	135	147
Wyoming	-	17	-	-	-	.48	-	95
New Hampshire	1,408	1,628	73.0	61.1	1.07	1.09	161	163
Pennsylvania	814	860	98.2	79.4	1.13	1.11	166	166
Virginia	-	10	-	-	-	1.06	-	212
West Virginia	229	453	100.0	69.1	1.75	1.41	161	156
Imported coal Colombia	35	35	-	-	.49	.48	173	160
Imported coal Indonesia	-	41	-	-	-	.40	-	191
Imported coal Venezuela	331	229	-	-	.51	.55	148	161
New Jersey	2,312	2,087	81.8	90.2	.86	.95	159	176
Kentucky	110	106	74.1	100.0	.58	.50	151	174
Pennsylvania	*	-	100.0	-	.61	-	192	-
Virginia	760	880	96.2	91.5	.52	.57	154	175
West Virginia	1,403	1,101	76.8	88.1	1.10	1.33	163	176
Imported coal Venezuela	39	-	-	-	.52	-	155	-
New Mexico	15,841	15,775	100.0	100.0	.88	.90	131	134
New Mexico	15,841	15,775	100.0	100.0	.88	.90	131	134
New York	9,296	8,277	84.9	88.8	1.34	1.38	143	142
Kentucky	999	789	82.8	74.1	.50	.46	180	187
Ohio	5	18	-	-	3.16	2.93	128	125
Pennsylvania	3,770	2,745	79.7	88.3	1.26	1.32	137	136
West Virginia	3,930	4,228	90.5	93.0	1.75	1.68	137	135
Imported coal Colombia	35	147	100.0	71.7	.47	.50	170	171
Imported coal Venezuela	559	350	85.4	88.1	.48	.49	167	173
North Carolina	27,818	26,151	75.5	73.5	.72	.73	144	143
Kentucky	15,721	15,342	69.3	68.3	.77	.79	142	140
Virginia	408	595	7.1	-	.79	.90	137	129
West Virginia	11,689	10,174	86.3	85.7	.65	.62	147	148
Wyoming	-	40	-	-	-	.56	-	179
North Dakota	24,199	23,087	100.0	99.1	1.16	1.17	76	78
North Dakota	24,138	22,979	100.0	99.6	1.16	1.17	76	78
Wyoming	61	107	100.0	-	.46	.52	78	65
Ohio	53,442	52,743	71.7	67.2	1.69	1.69	136	132
Illinois	2	-	-	-	.73	-	132	-
Indiana	19	2	-	-	1.07	1.92	114	103
Kentucky	8,492	8,518	52.5	62.4	.74	.77	124	131
Montana	-	42	-	-	-	.31	-	149
Ohio	20,143	21,556	85.6	75.3	2.97	2.92	149	133
Pennsylvania	4,755	3,503	39.9	38.6	1.42	1.40	126	116
Virginia	586	461	100.0	93.9	.54	.60	125	122
West Virginia	17,992	17,429	77.8	67.3	.92	.83	133	136
Wyoming	1,452	1,232	9.9	33.4	.36	.28	121	124

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-December 1998, 1997 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1998	1997	1998	1997	1998	1997	1998	1997
Oklahoma	19,747	18,378	96.8	99.6	0.35	0.35	91	92
Oklahoma	87	94	100.0	84.2	2.81	2.22	102	121
Wyoming	19,660	18,283	96.8	99.7	.33	.34	91	92
Oregon	2,014	875	-	-	.37	.38	109	114
Wyoming	2,014	875	-	-	.37	.38	109	114
Pennsylvania	43,948	43,821	80.4	74.1	1.78	1.74	135	136
Maryland	32	14	-	-	.99	.89	131	132
Ohio	212	310	100.0	100.0	3.05	3.03	165	169
Pennsylvania	34,522	34,383	76.4	68.7	1.57	1.55	130	131
West Virginia	9,182	9,113	95.5	93.6	2.52	2.39	152	151
South Carolina	12,945	11,835	81.3	74.2	.94	.93	145	145
Kentucky	11,287	10,204	79.6	72.0	.93	.90	144	144
Tennessee	359	392	100.0	91.7	1.09	1.17	154	151
Virginia	1,041	1,109	100.0	96.5	1.04	1.07	151	152
West Virginia	258	130	56.7	-	.69	1.25	158	149
South Dakota	1,699	1,934	100.0	100.0	.82	.72	93	92
Montana	1,699	1,934	100.0	100.0	.82	.72	93	92
Tennessee	27,023	26,381	79.4	70.1	1.44	1.60	112	112
Colorado	1,344	638	100.0	83.5	.43	.46	117	115
Illinois	2,915	2,231	59.9	48.7	1.66	1.84	108	109
Kentucky	13,822	15,850	77.0	68.8	1.83	1.90	113	112
Pennsylvania	637	813	97.7	92.3	1.60	1.81	109	112
Tennessee	1,476	1,763	99.5	93.5	1.17	.97	117	117
Utah	1,446	1,212	47.6	98.1	.49	.47	124	122
Virginia	1,924	1,882	87.0	82.0	1.21	1.40	129	126
West Virginia	32	-	-	-	.60	-	137	-
Wyoming	3,427	1,991	95.2	41.9	.37	.45	91	89
Texas	96,231	92,435	91.1	93.0	.95	1.01	124	126
Colorado	1,375	1,517	66.5	-	.37	.37	141	135
Texas	49,219	50,224	100.0	100.0	1.63	1.66	100	96
Wyoming	45,467	40,595	82.5	88.0	.43	.43	142	153
Imported coal Colombia	84	99	-	-	.46	.32	179	176
Imported coal Venezuela	85	-	-	-	.58	-	175	-
Utah	14,896	15,053	98.5	94.2	.41	.42	115	111
Colorado	1,797	1,960	97.4	90.6	.42	.40	189	181
Utah	13,099	13,070	98.7	95.0	.41	.42	106	102
Wyoming	-	22	-	-	-	.27	-	128
Virginia	12,716	11,930	66.9	72.6	.77	.80	138	139
Kentucky	2,959	2,872	53.2	48.4	.95	.92	142	145
Maryland	-	30	-	-	-	1.35	-	152
Pennsylvania	17	-	-	-	1.16	-	148	-
Virginia	6,868	6,197	74.8	78.8	.75	.78	134	135
West Virginia	2,872	2,831	62.6	84.3	.64	.72	144	144
Washington	6,106	4,792	75.7	94.9	.72	.77	149	163
Montana	1,482	355	-	34.6	.37	.40	121	126
Washington	4,624	4,427	100.0	100.0	.85	.81	159	166
Imported coal Canada	-	10	-	-	-	.42	-	171
West Virginia	34,130	31,633	86.0	92.3	1.51	1.57	122	124
Kentucky	32	-	-	-	.68	-	114	-
Maryland	3,070	2,640	92.4	96.5	1.41	1.40	109	107
Ohio	1,142	1,586	99.0	100.0	3.08	3.10	89	86
Pennsylvania	2,891	2,440	93.9	85.4	1.18	1.17	125	125
West Virginia	26,995	24,967	84.0	92.0	1.49	1.53	125	128
Wisconsin	23,438	23,410	77.6	81.8	.50	.54	107	109
Colorado	68	357	74.7	-	.46	.47	141	136
Illinois	828	719	-	-	.76	.85	136	133
Indiana	173	160	-	-	1.26	1.22	139	136
Kentucky	55	83	-	-	.61	.69	187	177
Montana	1,509	2,082	98.5	99.6	.58	.67	112	107
New Mexico	454	508	100.0	100.0	.49	.46	153	156
Pennsylvania	2,173	2,244	64.5	48.4	1.15	1.17	145	146
Utah	-	72	-	-	-	.44	-	164
West Virginia	7	24	-	-	1.59	.53	172	147
Wyoming	18,171	17,160	81.4	90.2	.35	.37	96	96
Wyoming	26,029	23,201	92.2	96.6	.61	.61	79	81
Wyoming	26,029	23,201	92.2	96.6	.61	.61	79	81
U.S. Total	929,448	880,588	80.6	81.9	1.04	1.08	125	127

* For quantity data, the value is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-December 1998, 1997

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1998	1997	1998	1997	1998	1997	1998	1997
Alabama	16,661	16,032	90.1	90.6	0.90	0.92	183	180
Alabama.....	16,432	15,494	91.3	93.8	.89	.90	184	181
Florida.....	129	362	-	-	.83	1.70	160	177
Georgia.....	72	50	-	-	1.52	1.51	142	135
Mississippi.....	28	126	-	-	.57	.83	148	146
Arizona	12,183	11,045	100.0	100.0	.48	.49	120	125
Arizona.....	7,680	6,646	100.0	100.0	.49	.50	117	119
Nevada.....	4,503	4,399	100.0	100.0	.47	.46	126	134
Colorado	22,687	21,645	89.6	83.4	.42	.41	124	124
Alabama.....	675	827	71.7	100.0	.40	.44	118	113
Arizona.....	207	-	-	-	.42	-	190	-
Colorado.....	11,000	10,500	89.7	90.0	.41	.41	107	108
Florida.....	-	14	-	-	-	.54	-	183
Illinois.....	1,204	1,135	90.4	75.8	.44	.45	140	136
Iowa.....	515	467	94.4	91.3	.42	.46	132	135
Kansas.....	886	1,509	100.0	100.0	.42	.38	122	126
Kentucky.....	2,841	2,118	99.6	99.7	.44	.44	128	129
Louisiana.....	52	-	-	-	.42	-	153	-
Michigan.....	672	518	91.9	98.0	.45	.48	142	134
Mississippi.....	-	36	-	-	-	.42	-	155
Missouri.....	30	-	-	-	.54	-	137	-
Nevada.....	20	48	100.0	100.0	.41	.49	196	201
Tennessee.....	1,344	638	100.0	83.5	.43	.46	117	115
Texas.....	1,375	1,517	66.5	-	.37	.37	141	135
Utah.....	1,797	1,960	97.4	90.6	.42	.40	189	181
Wisconsin.....	68	357	74.7	-	.46	.47	141	136
Illinois	34,961	35,182	72.7	75.6	1.96	2.04	132	136
Alabama.....	1,124	1,557	15.9	13.0	1.78	1.19	131	132
Florida.....	7,466	6,015	83.0	79.1	1.86	1.90	163	178
Georgia.....	677	1,033	100.0	95.5	1.13	.95	138	147
Illinois.....	13,985	14,315	85.0	83.6	2.30	2.46	123	124
Indiana.....	4,043	4,788	63.0	86.1	2.14	2.08	117	131
Iowa.....	360	288	22.8	52.1	2.30	2.19	114	123
Kansas.....	30	129	100.0	100.0	2.16	2.70	128	107
Kentucky.....	246	191	-	-	2.06	2.25	101	102
Michigan.....	25	-	-	-	1.08	-	152	-
Minnesota.....	42	114	100.0	100.0	1.16	1.13	161	163
Mississippi.....	1,415	1,149	89.9	87.7	1.26	1.00	141	138
Missouri.....	1,803	2,652	41.5	78.2	1.67	2.12	131	130
Ohio.....	2	-	-	-	.73	-	132	-
Tennessee.....	2,915	2,231	59.9	48.7	1.66	1.84	108	109
Wisconsin.....	828	719	-	-	.76	.85	136	133
Indiana	33,106	30,203	66.7	63.3	2.09	2.08	110	109
Alabama.....	61	-	-	-	3.13	-	110	-
Florida.....	30	5	100.0	-	2.79	.62	125	164
Illinois.....	1,625	1,708	63.5	53.1	.90	.88	152	142
Indiana.....	28,750	25,608	65.6	60.8	2.11	2.10	108	108
Iowa.....	90	218	100.0	77.3	1.23	1.31	125	123
Kentucky.....	2,022	2,336	95.5	98.9	2.93	2.83	97	92
Michigan.....	120	162	100.0	100.0	2.11	2.06	138	136
Minnesota.....	69	5	-	-	1.16	1.25	150	149
Missouri.....	148	-	-	-	.60	-	131	-
Ohio.....	19	2	-	-	1.07	1.92	114	103
Wisconsin.....	173	160	-	-	1.26	1.22	139	136
Kansas	353	304	100.0	98.8	3.73	3.38	102	111
Kansas.....	353	246	100.0	100.0	3.73	3.52	102	107
Missouri.....	-	58	-	93.5	-	2.84	-	128
Kentucky	120,492	121,793	65.5	65.6	1.28	1.37	135	136
Alabama.....	4,454	3,393	72.0	67.0	1.68	1.93	120	115
Connecticut.....	456	760	90.6	99.3	.38	.39	183	192
Delaware.....	92	-	100.0	-	.53	-	172	-
Florida.....	13,443	14,539	65.9	61.1	1.18	1.28	168	173
Georgia.....	16,043	14,728	57.2	65.7	.82	.79	149	155
Illinois.....	98	226	90.8	15.9	2.31	.51	119	171
Indiana.....	1,406	952	42.6	75.3	1.16	1.27	121	125
Iowa.....	195	54	38.2	-	2.06	2.26	118	122
Kentucky.....	24,333	26,751	59.1	63.8	2.29	2.44	104	102
Maryland.....	485	601	100.0	84.2	.58	.63	146	152
Massachusetts.....	558	717	86.7	90.4	.50	.52	180	179

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-December 1998, 1997 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1998	1997	1998	1997	1998	1997	1998	1997
Kentucky								
Michigan.....	4,440	4,007	60.7	56.8	0.68	0.73	151	152
Minnesota.....	1	-	-	-	1.07	-	150	-
Mississippi.....	967	1,225	98.4	70.0	.73	.80	197	192
Missouri.....	43	74	65.7	100.0	1.50	1.33	192	181
New Jersey.....	110	106	74.1	100.0	.58	.50	151	174
New York.....	999	789	82.8	74.1	.50	.46	180	187
North Carolina.....	15,721	15,342	69.3	68.3	.77	.79	142	140
Ohio.....	8,492	8,518	52.5	62.4	.74	.77	124	131
South Carolina.....	11,287	10,204	79.6	72.0	.93	.90	144	144
Tennessee.....	13,822	15,850	77.0	68.8	1.83	1.90	113	112
Virginia.....	2,959	2,872	53.2	48.4	.95	.92	142	145
West Virginia.....	32	-	-	-	.68	-	114	-
Wisconsin.....	55	83	-	-	.61	.69	187	177
Louisiana	3,432	3,570	100.0	100.0	1.32	1.60	137	138
Louisiana.....	3,432	3,570	100.0	100.0	1.32	1.60	137	138
Maryland	3,951	3,613	91.9	93.7	1.35	1.32	123	124
Delaware.....	170	161	100.0	100.0	1.11	1.11	146	148
Maryland.....	678	768	92.0	87.9	1.14	1.11	176	175
Pennsylvania.....	32	14	-	-	.99	.89	131	132
Virginia.....	-	30	-	-	-	1.35	-	152
West Virginia.....	3,070	2,640	92.4	96.5	1.41	1.40	109	107
Missouri	193	251	97.1	98.4	2.90	3.31	118	109
Kansas.....	21	154	100.0	100.0	3.05	3.78	127	101
Missouri.....	172	97	96.7	95.9	2.89	2.57	117	122
Montana	40,195	38,332	92.3	95.5	.59	.60	117	125
Alabama.....	-	25	-	-	-	.47	-	110
Arizona.....	94	-	-	-	.39	-	132	-
Illinois.....	1,713	1,572	100.0	100.0	.35	.35	220	255
Indiana.....	-	1,245	-	100.0	-	.35	-	254
Iowa.....	141	78	15.9	-	.34	.36	139	148
Kansas.....	378	104	100.0	100.0	.37	.41	93	95
Michigan.....	10,739	9,431	92.5	90.2	.39	.41	145	151
Minnesota.....	9,486	9,592	95.1	95.5	.66	.65	110	110
Mississippi.....	2,831	3,221	95.9	100.0	.39	.42	147	145
Montana.....	10,123	8,650	100.0	100.0	.88	.89	68	69
Ohio.....	-	42	-	-	-	.31	-	149
South Dakota.....	1,699	1,934	100.0	100.0	.82	.72	93	92
Washington.....	1,482	355	-	34.6	.37	.40	121	126
Wisconsin.....	1,509	2,082	98.5	99.6	.58	.67	112	107
New Mexico	26,899	26,243	93.0	91.3	.75	.75	137	145
Arizona.....	10,593	9,959	82.4	77.0	.58	.56	146	161
Colorado.....	11	-	-	-	.43	-	127	-
New Mexico.....	15,841	15,775	100.0	100.0	.88	.90	131	134
Wisconsin.....	454	508	100.0	100.0	.49	.46	153	156
North Dakota	24,138	22,979	100.0	99.6	1.16	1.17	76	78
North Dakota.....	24,138	22,979	100.0	99.6	1.16	1.17	76	78
Ohio	23,270	25,563	82.7	72.7	3.01	2.98	143	128
Indiana.....	945	1,225	-	-	3.44	3.44	110	104
Iowa.....	11	-	-	-	3.31	-	140	-
Kentucky.....	659	788	92.4	49.8	3.50	3.59	93	91
Michigan.....	153	79	32.9	77.6	2.67	2.60	158	156
New York.....	5	18	-	-	3.16	2.93	128	125
Ohio.....	20,143	21,556	85.6	75.3	2.97	2.92	149	133
Pennsylvania.....	212	310	100.0	100.0	3.05	3.03	165	169
West Virginia.....	1,142	1,586	99.0	100.0	3.08	3.10	89	86
Oklahoma	162	132	100.0	81.5	2.76	2.42	109	121
Kansas.....	75	26	100.0	62.9	2.71	2.96	119	117
Missouri.....	-	12	-	100.0	-	2.87	-	128
Oklahoma.....	87	94	100.0	84.2	2.81	2.22	102	121
Pennsylvania	58,095	53,177	69.7	68.5	1.43	1.45	132	131
Alabama.....	39	85	100.0	100.0	1.63	1.85	112	113
Delaware.....	523	501	97.5	80.2	1.01	1.03	142	142
Indiana.....	699	707	90.4	91.6	1.55	1.72	107	107
Iowa.....	11	-	-	-	1.00	-	140	-
Kentucky.....	75	115	71.6	82.1	1.72	1.72	109	107
Maryland.....	3,249	1,801	18.4	40.2	1.11	1.12	147	152
Massachusetts.....	183	280	100.0	88.0	1.11	1.04	161	166
Michigan.....	3,730	2,701	44.4	82.9	1.15	1.16	125	122

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-December 1998, 1997 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1998	1997	1998	1997	1998	1997	1998	1997
Pennsylvania								
Mississippi.....	7	-	100.0	-	1.12	-	142	-
New Hampshire.....	814	860	98.2	79.4	1.13	1.11	166	166
New Jersey.....	*	-	100.0	-	.61	-	192	-
New York.....	3,770	2,745	79.7	88.3	1.26	1.32	137	136
Ohio.....	4,755	3,503	39.9	38.6	1.42	1.40	126	116
Pennsylvania.....	34,522	34,383	76.4	68.7	1.57	1.55	130	131
Tennessee.....	637	813	97.7	92.3	1.60	1.81	109	112
Virginia.....	17	-	-	-	1.16	-	148	-
West Virginia.....	2,891	2,440	93.9	85.4	1.18	1.17	125	125
Wisconsin.....	2,173	2,244	64.5	48.4	1.15	1.17	145	146
Tennessee	2,435	3,049	97.8	95.2	1.04	.91	128	126
Alabama.....	553	894	100.0	100.0	.71	.70	137	133
Georgia.....	48	-	-	-	.50	-	155	-
South Carolina.....	359	392	100.0	91.7	1.09	1.17	154	151
Tennessee.....	1,476	1,763	99.5	93.5	1.17	.97	117	117
Texas	49,342	50,224	100.0	100.0	1.63	1.66	100	96
Louisiana.....	123	-	100.0	-	2.34	-	132	-
Texas.....	49,219	50,224	100.0	100.0	1.63	1.66	100	96
Utah	18,933	18,393	88.0	89.9	.40	.42	115	115
Alabama.....	-	122	-	81.1	-	.39	-	122
Illinois.....	818	1,377	93.5	72.2	.40	.38	158	173
Kentucky.....	22	143	100.0	93.0	.50	.54	139	134
Michigan.....	37	-	-	-	.44	-	141	-
Missouri.....	-	11	-	100.0	-	.47	-	145
Nevada.....	3,512	2,387	64.6	71.4	.35	.43	135	147
Tennessee.....	1,446	1,212	47.6	98.1	.49	.47	124	122
Utah.....	13,099	13,070	98.7	95.0	.41	.42	106	102
Wisconsin.....	-	72	-	-	-	.44	-	164
Virginia	16,818	15,346	76.5	77.9	.77	.84	144	146
Alabama.....	35	-	-	-	.67	-	139	-
Connecticut.....	-	4	-	100.0	-	.52	-	184
Delaware.....	145	188	100.0	95.3	.58	.65	177	157
Florida.....	789	957	94.6	91.2	.62	.75	206	204
Georgia.....	3,447	2,199	57.1	60.1	.69	.72	153	157
Indiana.....	813	864	100.0	96.4	.52	.54	160	157
New Hampshire.....	-	10	-	-	-	1.06	-	212
New Jersey.....	760	880	96.2	91.5	.52	.57	154	175
North Carolina.....	408	595	7.1	-	.79	.90	137	129
Ohio.....	586	461	100.0	93.9	.54	.60	125	122
South Carolina.....	1,041	1,109	100.0	96.5	1.04	1.07	151	152
Tennessee.....	1,924	1,882	87.0	82.0	1.21	1.40	129	126
Virginia.....	6,868	6,197	74.8	78.8	.75	.78	134	135
Washington	4,624	4,427	100.0	100.0	.85	.81	159	166
Washington.....	4,624	4,427	100.0	100.0	.85	.81	159	166
West Virginia	106,110	104,163	79.4	79.6	1.23	1.19	138	141
Alabama.....	1,494	2,756	48.3	68.8	1.53	1.26	131	133
Connecticut.....	95	153	84.2	72.6	.46	.47	182	188
Delaware.....	814	833	95.9	88.9	.56	.56	162	169
Florida.....	2,241	2,546	52.3	47.3	1.34	1.16	165	170
Georgia.....	4,888	4,688	77.1	75.8	.62	.58	180	181
Illinois.....	-	47	-	-	-	.72	-	146
Indiana.....	2,332	1,257	40.4	54.4	1.16	.96	117	138
Iowa.....	1	11	-	-	2.08	2.08	164	155
Kentucky.....	6,519	6,607	71.3	63.9	1.52	1.37	108	112
Maryland.....	6,433	6,969	89.5	79.8	.80	.81	142	146
Massachusetts.....	1,793	2,088	74.0	80.0	.56	.56	168	171
Michigan.....	4,913	5,757	54.2	64.4	.93	.89	152	153
New Hampshire.....	229	453	100.0	69.1	1.75	1.41	161	156
New Jersey.....	1,403	1,101	76.8	88.1	1.10	1.33	163	176
New York.....	3,930	4,228	90.5	93.0	1.75	1.68	137	135
North Carolina.....	11,689	10,174	86.3	85.7	.65	.62	147	148
Ohio.....	17,992	17,429	77.8	67.3	.92	.83	133	136
Pennsylvania.....	9,182	9,113	95.5	93.6	2.52	2.39	152	151
South Carolina.....	258	130	56.7	-	.69	1.25	158	149
Tennessee.....	32	-	-	-	.60	-	137	-
Virginia.....	2,872	2,831	62.6	84.3	.64	.72	144	144
West Virginia.....	26,995	24,967	84.0	92.0	1.49	1.53	125	128
Wisconsin.....	7	24	-	-	1.59	.53	172	147

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-December 1998, 1997 (Continued)

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1998	1997	1998	1997	1998	1997	1998	1997
Wyoming	304,562	270,052	81.6	86.4	0.39	0.40	110	115
Alabama.....	6,053	5,226	99.8	99.3	.31	.30	119	113
Arizona.....	251	183	—	—	.29	.40	119	108
Arkansas.....	14,173	11,879	91.7	93.3	.34	.37	147	164
Colorado.....	7,051	6,211	98.2	92.3	.35	.34	83	87
Florida.....	1,064	971	—	—	.46	.49	134	141
Georgia.....	6,158	5,369	—	—	.42	.45	150	150
Illinois.....	20,425	20,370	85.7	86.1	.34	.37	179	175
Indiana.....	18,103	16,706	84.7	86.2	.34	.34	116	113
Iowa.....	20,333	15,559	74.6	83.5	.45	.46	84	90
Kansas.....	16,702	14,503	99.0	99.6	.42	.43	96	99
Kentucky.....	245	502	71.0	54.1	.35	.51	98	109
Louisiana.....	10,134	9,597	99.7	100.0	.54	.54	143	151
Michigan.....	10,078	9,490	84.7	81.7	.34	.34	99	106
Minnesota.....	8,317	7,880	98.5	100.0	.29	.31	103	108
Mississippi.....	463	285	—	—	.48	.53	132	134
Missouri.....	36,392	30,649	61.3	80.0	.31	.32	89	89
Montana.....	397	510	100.0	100.0	.28	.27	54	55
Nebraska.....	11,940	10,638	79.0	77.8	.32	.37	59	59
Nevada.....	—	17	—	—	—	.48	—	95
North Carolina.....	—	40	—	—	—	.56	—	179
North Dakota.....	61	107	100.0	—	.46	.52	78	65
Ohio.....	1,452	1,232	9.9	33.4	.36	.28	121	124
Oklahoma.....	19,660	18,283	96.8	99.7	.33	.34	91	92
Oregon.....	2,014	875	—	—	.37	.38	109	114
Tennessee.....	3,427	1,991	95.2	41.9	.37	.45	91	89
Texas.....	45,467	40,595	82.5	88.0	.43	.43	142	153
Utah.....	—	22	—	—	—	.27	—	128
Wisconsin.....	18,171	17,160	81.4	90.2	.35	.37	96	96
Wyoming.....	26,029	23,201	92.2	96.6	.61	.61	79	81
Imported Coal	5,845	4,871	56.3	82.1	.51	.57	156	160
Canada	—	10	—	—	—	.42	—	171
Washington.....	—	10	—	—	—	.42	—	171
Colombia	2,530	2,744	77.8	93.6	.54	.58	152	159
Florida.....	1,909	1,385	76.8	100.0	.55	.66	146	150
Massachusetts.....	467	1,078	100.0	100.0	.51	.52	170	166
New Hampshire.....	35	35	—	—	.49	.48	173	160
New York.....	35	147	100.0	71.7	.47	.50	170	171
Texas.....	84	99	—	—	.46	.32	179	176
Venezuela	2,416	1,335	39.3	51.8	.57	.65	155	159
Connecticut.....	106	35	—	—	.46	.48	171	170
Florida.....	235	59	—	—	.58	1.13	159	130
Georgia.....	414	279	—	—	.81	1.07	145	135
Massachusetts.....	472	383	100.0	100.0	.53	.52	153	163
Mississippi.....	174	—	—	—	.60	—	140	—
New Hampshire.....	331	229	—	—	.51	.55	148	161
New Jersey.....	39	—	—	—	.52	—	155	—
New York.....	559	350	85.4	88.1	.48	.49	167	173
Texas.....	85	—	—	—	.58	—	175	—
Indonesia	900	782	41.5	94.8	.18	.37	167	165
Florida.....	597	741	62.6	100.0	.22	.37	157	163
Louisiana.....	303	—	—	—	.09	—	188	—
New Hampshire.....	—	41	—	—	—	.40	—	191
U.S. Total	929,448	880,588	80.6	81.9	1.04	1.08	125	127

* For quantity data, the value is less than 0.5 thousand short tons. For Contract Receipts (percent), the value is less than 0.05.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

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

Table 30. Coal Receipts at Coke Plants by Census Division
(Thousand Short Tons)

Census Division	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
Middle Atlantic Total	2,027	2,165	2,925	8,430	11,555	-27.0
East North Central Total	3,160	3,205	2,826	12,442	10,825	14.9
South Atlantic Total	w	w	w	w	w	w
East South Central Total	917	974	939	3,777	4,290	-12.0
Mountain Total	w	w	w	w	w	w
U.S. Total	6,999	7,305	7,447	28,354	29,550	-4.0

^w Withheld to avoid disclosure of individual company data.

Notes: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Table 31. Average Price of Coal Receipts at Coke Plants by Census Division
(Dollars per Short Tons)

Census Division	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
Middle Atlantic Total	\$45.01	\$43.67	\$46.20	\$44.16	\$47.05	-6.1
East North Central Total	48.19	49.12	49.40	48.39	49.12	-1.5
South Atlantic Total	w	w	w	w	w	w
East South Central Total	\$46.22	\$46.84	\$47.45	\$46.43	\$47.72	-2.7
Mountain Total	w	w	w	w	w	w
U.S. Total	\$46.17	\$46.43	\$47.40	\$46.06	\$47.61	-3.3

^w Withheld to avoid disclosure of individual company data.

Notes: Average price is based on the cost, insurance, and freight (c.i.f. value). Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Table 32. Coal Receipts at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

Census Division and State	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
New England Total	90	85	173	358	349	2.7
Connecticut.....	-	-	14	-	14	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	*	50	*	NM
Rhode Island.....	-	-	-	-	-	-
Vermont.....	27	27	107	107	107	*
Middle Atlantic Total	1,445	w	w	5,728	w	w
New Jersey.....	w	w	w	w	w	w
New York.....	w	475	408	w	1,478	w
Pennsylvania.....	1,056	1,013	1,200	4,179	4,397	-5.0
East North Central Total	4,085	3,787	4,559	15,567	17,128	-9.1
Illinois.....	970	888	1,024	3,870	3,852	.5
Indiana.....	1,015	986	1,351	4,289	5,085	-15.7
Michigan.....	724	591	730	2,074	2,492	-16.8
Ohio.....	898	859	973	3,667	3,923	-6.5
Wisconsin.....	477	463	479	1,667	1,776	-6.1
West North Central Total	3,599	3,443	3,605	13,344	13,080	2.0
Iowa.....	672	885	748	3,002	3,046	-1.4
Kansas.....	25	28	30	113	138	-17.5
Minnesota.....	566	384	516	1,691	1,486	13.8
Missouri.....	305	320	314	1,206	1,234	-2.2
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	123	122	116	454	443	2.6
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	303	329	313	1,321	1,319	.1
Georgia.....	469	465	536	1,973	2,051	-3.8
Maryland.....	213	196	189	773	776	-4
North Carolina.....	504	453	523	2,017	2,206	-8.6
South Carolina.....	515	477	543	1,973	2,035	-3.0
Virginia.....	569	567	617	2,315	2,511	-7.8
West Virginia.....	432	405	423	1,619	1,634	-9
East South Central Total	w	w	w	w	w	w
Alabama.....	688	601	688	2,654	2,605	1.9
Kentucky.....	419	454	564	1,818	2,254	-19.3
Mississippi.....	w	w	w	w	w	w
Tennessee.....	875	847	866	3,601	3,638	-1.0
West South Central Total	1,439	1,427	1,508	5,865	5,758	1.9
Arkansas.....	79	62	60	284	296	-4.1
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,206	1,191	1,263	4,815	4,755	1.3
Mountain Total	w	w	w	w	w	w
Arizona.....	192	179	177	739	698	6.0
Colorado.....	193	190	200	721	772	-6.6
Idaho.....	101	w	w	423	w	w
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	228	236	99	853	525	62.5
Wyoming.....	506	464	517	1,947	1,945	.1
Pacific Total	778	768	676	4,525	2,398	88.7
Alaska.....	w	w	w	w	w	w
California.....	716	669	520	2,753	1,997	37.8
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	23	66	37	116	153	-24.2
U.S. Total	17,855	17,211	18,692	70,893	70,733	.2

* Rounded to zero.

NM Percent change calculation not meaningful as value is greater than 500.

w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption-Manufacturing Plants;" Form EIA-867, "Annual Nonutility Power Producer Report;" and Form EIA-7A, "Coal Production Report."

Table 33. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State
(Dollars per Short Ton)

Census Division and State	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
New England Total	\$60.03	\$58.06	\$64.33	\$60.50	\$63.46	-4.7
Connecticut	-	-	-	-	-	-
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
New Hampshire	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic Total	\$35.25	w	w	\$35.53	w	w
New Jersey	w	w	w	w	w	w
New York	w	\$42.36	\$41.33	w	\$41.52	w
Pennsylvania	\$32.87	32.92	34.26	\$33.33	34.20	-2.5
East North Central Total	34.32	33.15	34.03	33.17	33.53	-1.1
Illinois	29.85	29.78	29.80	29.46	29.76	-1.0
Indiana	30.77	29.96	30.75	30.21	29.75	1.5
Michigan	40.97	39.13	43.06	40.06	41.94	-4.5
Ohio	34.82	32.21	33.72	33.52	34.05	-1.6
Wisconsin	40.16	40.72	39.59	40.42	40.02	1.0
West North Central Total	18.47	18.86	19.06	18.72	19.02	-1.6
Iowa	27.34	29.64	28.57	28.19	28.92	-2.5
Kansas	32.17	32.44	31.93	31.08	31.93	-2.6
Minnesota	28.02	28.59	29.49	29.70	31.03	-4.3
Missouri	30.31	29.30	30.25	30.48	30.06	1.4
Nebraska	w	w	w	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	\$25.00	\$22.93	\$22.81	\$23.99	\$23.36	2.7
South Atlantic Total	w	w	w	w	w	w
Delaware	w	w	w	w	w	w
District of Columbia	-	-	-	-	-	-
Florida	\$44.48	\$44.24	\$44.65	\$44.62	\$45.13	-1.1
Georgia	44.48	44.98	44.95	44.54	44.84	-7
Maryland	31.99	31.80	32.53	32.41	32.62	-6
North Carolina	42.66	41.96	43.06	42.61	43.14	-1.2
South Carolina	43.80	43.57	44.10	44.03	44.23	-5
Virginia	42.87	43.14	43.87	43.61	43.85	-5
West Virginia	48.94	49.14	36.45	48.24	35.31	36.6
East South Central Total	w	w	w	w	w	w
Alabama	\$39.34	\$40.50	\$40.11	\$40.09	\$40.20	-3
Kentucky	43.45	42.78	45.23	43.66	44.71	-2.3
Mississippi	w	w	w	w	w	w
Tennessee	\$36.25	\$36.76	\$36.93	\$36.62	\$36.33	.8
West South Central Total	23.78	22.93	22.43	22.91	22.42	2.2
Arkansas	42.05	41.60	39.65	41.58	42.38	-1.9
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	\$21.66	\$21.35	\$20.85	\$21.05	\$20.13	4.6
Mountain Total	w	w	w	w	w	w
Arizona	\$38.28	\$38.58	\$37.56	\$38.67	\$38.81	-3
Colorado	24.46	24.62	25.41	24.88	25.13	-1.0
Idaho	34.15	w	w	34.31	w	w
Montana	w	w	w	w	w	w
Nevada	w	w	w	w	w	w
New Mexico	w	w	w	w	w	w
Utah	\$18.99	\$19.80	\$20.33	\$19.05	\$19.27	-1.2
Wyoming	24.13	24.01	24.14	24.10	23.68	1.8
Pacific Total	42.68	43.07	43.11	43.12	43.24	-3
Alaska	w	w	w	w	w	w
California	\$40.61	\$40.71	\$39.69	\$41.02	\$40.15	2.2
Hawaii	w	w	w	w	w	w
Oregon	w	w	w	w	w	w
Washington	\$56.89	\$49.33	\$64.21	\$56.51	\$59.80	-5.5
U.S. Total	32.23	32.13	32.40	32.26	32.41	-5

^w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding. Price data are for manufacturing plants only.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption-Manufacturing Plants".

Table 34. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Thousand Short Tons)

NAICS Code	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
311 Food Manufacturing.....	2,095	1,932	2,240	8,020	7,943	1.0
312 Beverage and Tobacco Product Mfg.....	132	121	138	520	563	-7.8
313 Textile Mills.....	252	185	273	906	1,007	-10.0
315 Apparel Manufacturing.....	w	w	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	w	-	w	-
321 Wood Product Manufacturing.....	w	w	w	w	w	w
322 Paper Manufacturing.....	3,227	3,018	3,448	12,404	13,205	-6.1
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	1,799	w	6,737	w
325 Chemicals Manufacturing.....	3,055	3,002	3,286	12,233	12,709	-3.7
326 Plastics and Rubber Products Mfg.....	44	47	48	185	201	-7.9
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w	w	w
331 Primary Metal Manufacturing ²	w	w	2,263	w	8,617	w
332 Fabricated Metal Product Mfg.....	72	34	66	225	281	-19.7
333 Machinery Manufacturing.....	86	38	115	265	328	-19.3
334 Computer and Electronic Product Mfg.....	w	w	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	183	91	226	632	855	-26.1
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w	w	w
U.S. Total.....	16,659	16,009	17,575	64,562	66,594	-3.1

¹ Includes coal gasification projects.

² Excludes coke plants.

^w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants."

Table 35. Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Dollars per Short Ton)

NAICS Code	October - December 1998	July - September 1998	October - December 1997	Percent Difference October - December: 1998 versus 1997
311 Food Manufacturing.....	\$29.64	\$29.87	\$30.48	-2.8
312 Beverage and Tobacco Product Mfg.....	44.53	44.55	46.37	-4.0
313 Textile Mills.....	47.62	45.82	47.68	-1
315 Apparel Manufacturing.....	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	w	-
321 Wood Product Manufacturing.....	w	w	w	w
322 Paper Manufacturing.....	\$39.93	\$39.86	\$39.65	.7
323 Printing and Related Support.....	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	11.11	w
325 Chemicals Manufacturing.....	\$35.28	\$36.40	34.49	2.3
326 Plastics and Rubber Products Mfg.....	31.35	31.95	31.99	-2.0
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w
331 Primary Metal Manufacturing ²	w	w	\$26.75	w
332 Fabricated Metal Product Mfg.....	\$46.08	\$52.90	47.36	-2.7
333 Machinery Manufacturing.....	37.14	37.50	42.41	-12.4
334 Computer and Electronic Product Mfg.....	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w
336 Transportation Equipment Mfg.....	\$40.00	\$38.33	\$41.84	-4.4
337 Furniture and Related Product Mfg.....	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w
U.S. Total.....	\$32.23	\$32.13	\$32.40	-5

¹ Includes coal gasification projects.

² Excludes coke plants.

^w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants."

Table 36. Coal Receipts by the Residential and Commercial Sector by Census Division and State
(Thousand Short Tons)

Census Division and State	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
New England Total	15	10	15	52	51	1.5
Connecticut.....	2	1	2	7	7	-4.7
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	2	1	2	6	6	7.2
Rhode Island.....	1	1	1	3	3	2.6
Vermont.....	1	1	1	2	2	-6.4
Middle Atlantic Total	451	301	451	1,460	1,504	-2.9
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	373	249	373	1,194	1,244	-4.0
East North Central Total	411	274	411	1,411	1,370	3.0
Illinois.....	89	59	89	274	295	-7.3
Indiana.....	119	79	119	388	395	-2.0
Michigan.....	57	38	57	205	188	8.6
Ohio.....	99	66	99	394	329	19.9
Wisconsin.....	49	32	49	151	162	-7.0
West North Central Total	302	201	302	967	1,006	-3.9
Iowa.....	112	75	112	343	374	-8.1
Kansas.....	1	*	1	18	2	NM
Minnesota.....	32	21	32	115	105	9.6
Missouri.....	80	53	80	254	266	-4.6
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	*	*	*	1	1	12.9
South Atlantic Total	180	120	180	639	598	6.8
Delaware.....	w	w	w	w	w	w
District of Columbia.....	12	8	12	37	40	-8.4
Florida.....	-	-	-	*	-	-
Georgia.....	5	3	5	14	17	-16.3
Maryland.....	16	11	16	52	55	-4.8
North Carolina.....	58	38	58	195	192	1.4
South Carolina.....	*	*	*	4	1	410.0
Virginia.....	55	36	55	225	182	23.3
West Virginia.....	32	21	32	106	105	.7
East South Central Total	w	w	w	w	w	w
Alabama.....	22	15	22	67	73	-7.9
Kentucky.....	106	71	106	307	354	-13.4
Mississippi.....	w	w	w	w	w	w
Tennessee.....	39	26	39	127	131	-3.1
West South Central Total	87	58	87	233	291	-19.9
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	*	*	*	*	*	.0
Mountain Total	w	w	w	w	w	w
Arizona.....	*	*	*	*	*	-1.0
Colorado.....	19	13	19	54	65	-15.9
Idaho.....	9	6	9	30	30	-1.3
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	37	25	37	117	123	-4.8
Wyoming.....	42	28	42	189	140	34.3
Pacific Total	190	127	190	642	634	1.3
Alaska.....	w	w	w	w	w	w
California.....	33	22	33	122	109	12.6
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	6	4	6	22	22	1.7
U.S. Total	1,939	1,293	1,939	6,372	6,463	-1.4

* Rounded to zero.

NM Percent change calculation not meaningful as value is greater than 500.

w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-6, "Coal Distribution Report."

Consumption

Table 37. U.S. Coal Consumption by End-Use Sector 1992-1998

(Thousand Short Tons)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial	Residential and Commercial	Other Power Producers ¹	Total
1992						
January - March	191,151	8,340	19,260	1,843	—	220,594
April - June	183,507	8,097	17,284	1,149	—	210,037
July - September	210,419	8,200	17,843	1,236	—	237,698
October - December	194,783	7,729	19,656	1,925	—	224,093
Total	779,860	32,366	74,042	6,153	15,234	907,655
1993						
January - March	200,285	7,783	19,281	1,817	—	229,165
April - June	187,746	7,886	17,834	1,354	—	214,820
July - September	223,142	7,960	17,675	1,094	—	249,872
October - December	202,335	7,694	20,102	1,956	—	232,087
Total	813,508	31,323	74,892	6,221	18,137	944,081
1994						
January - March	207,915	7,754	19,911	2,016	—	237,596
April - June	196,254	7,965	17,739	1,187	—	223,145
July - September	218,616	7,945	18,123	1,135	—	245,820
October - December	194,484	8,077	19,405	1,674	—	223,640
Total	817,270	31,740	75,179	6,013	21,260	951,461
1995						
January - March	198,782	8,140	19,135	1,638	—	227,695
April - June	191,107	8,291	17,066	1,032	—	217,496
July - September	232,033	8,330	17,990	1,063	—	259,415
October - December	207,085	8,251	18,864	2,074	—	236,274
Total	829,007	33,011	73,055	5,807	21,158	962,039
1996						
January - March	214,987	7,958	18,612	1,802	—	243,360
April - June	203,210	7,965	16,888	1,201	—	229,264
July - September	233,609	8,016	16,831	1,201	—	259,657
October - December	222,875	7,767	18,610	1,802	—	251,053
Total	874,681	31,706	70,941	6,006	22,239	1,005,573
1997						
January - March	218,753	7,590	18,351	1,939	—	246,633
April - June	207,661	7,410	17,099	1,293	—	233,463
July - September	243,691	7,700	16,781	1,293	—	269,464
October - December	230,256	7,503	18,368	1,939	—	258,065
Total	900,361	30,203	70,599	6,463	21,603	1,029,228
1998						
January - March	220,433	6,735	18,192	1,939	—	247,299
April - June	218,356	7,239	17,000	1,201	—	243,796
July - September	252,331	7,172	16,511	1,293	—	277,307
October - December	219,746	7,042	17,537	1,939	—	246,265
Total	910,867	28,189	69,240	6,372	^E 28,081	^E 1,042,748

¹ Coal consumed by independent power producers and cogeneration plants not included in the other industrial, coke, and commercial sectors.^E Estimated.

Notes: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) • Electric Utilities: Form EIA-759, "Monthly Power Plant Report" • Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-867, "Annual Non-utility Power Producer Report;" and Form EIA-7A, "Coal Production Report." • Residential and Commercial: Form EIA-6, "Coal Distribution Report."

Table 38. Coal Consumption by Census Division and State
(Thousand Short Tons)

Census Division and State	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
New England Total	741	1,405	2,112	5,515	7,860	-29.8
Connecticut.....	167	83	276	597	1,065	-44.0
Maine.....	31	37	45	142	194	-26.5
Massachusetts.....	155	849	1,360	3,193	4,891	-34.7
New Hampshire.....	360	408	430	1,471	1,705	-13.7
Rhode Island.....	1	1	1	3	3	2.6
Vermont.....	28	27	1	109	2	NM
Middle Atlantic Total	16,710	18,901	18,857	70,354	73,177	-3.9
New Jersey.....	574	826	793	2,374	2,867	-17.2
New York.....	3,155	3,295	3,132	12,491	11,719	6.6
Pennsylvania.....	12,982	14,781	14,933	55,489	58,591	-5.3
East North Central Total	56,209	63,312	60,302	234,207	233,976	.1
Illinois.....	10,676	12,961	12,102	44,666	47,621	-6.2
Indiana.....	15,955	18,074	17,155	66,313	66,042	.4
Michigan.....	9,812	9,835	9,368	38,144	35,888	6.3
Ohio.....	13,742	15,808	15,406	60,341	58,933	2.4
Wisconsin.....	6,025	6,633	6,270	24,743	25,491	-2.9
West North Central Total	36,204	38,618	35,280	144,792	138,156	4.8
Iowa.....	5,745	6,397	5,518	23,415	21,720	7.8
Kansas.....	3,892	5,010	4,196	17,754	17,673	.5
Minnesota.....	5,159	5,079	5,235	19,660	19,086	3.0
Missouri.....	9,327	10,716	9,098	38,676	36,665	5.5
Nebraska.....	3,111	3,016	2,546	11,887	11,211	6.0
North Dakota.....	8,458	7,853	8,049	31,083	29,360	5.9
South Dakota.....	511	547	638	2,317	2,442	-5.1
South Atlantic Total	40,578	49,432	43,720	173,253	170,697	1.5
Delaware.....	352	534	425	1,773	1,866	-5.0
District of Columbia.....	12	8	12	37	40	-8.4
Florida.....	6,803	8,211	7,021	28,821	28,719	.4
Georgia.....	7,371	10,090	8,173	32,704	32,693	*
Maryland.....	2,720	3,269	2,723	11,788	11,262	4.7
North Carolina.....	6,507	8,699	7,969	29,011	29,608	-2.0
South Carolina.....	3,162	4,415	3,831	14,630	14,111	3.7
Virginia.....	3,835	4,192	3,891	15,896	15,276	4.1
West Virginia.....	9,816	10,015	9,676	38,593	37,122	4.0
East South Central Total	25,311	29,771	29,234	108,694	113,137	-3.9
Alabama.....	9,316	10,151	9,578	36,577	36,433	.4
Kentucky.....	8,975	10,600	10,773	39,310	42,228	-6.9
Mississippi.....	1,007	1,842	1,567	5,897	6,273	-6.0
Tennessee.....	6,013	7,179	7,315	26,910	28,203	-4.6
West South Central Total	35,525	40,883	36,016	147,688	150,348	-1.8
Arkansas.....	3,923	4,336	2,829	14,563	14,069	3.5
Louisiana.....	3,263	3,698	3,417	13,891	13,874	.1
Oklahoma.....	3,907	5,579	5,167	19,817	21,109	-6.1
Texas.....	24,433	27,269	24,603	99,416	101,297	-1.9
Mountain Total	31,522	31,652	29,748	118,202	111,389	6.1
Arizona.....	5,126	5,340	4,922	19,013	18,205	4.4
Colorado.....	4,720	4,977	4,820	18,428	17,960	2.6
Idaho.....	232	39	161	451	361	25.1
Montana.....	2,898	2,871	2,772	10,787	9,517	13.3
Nevada.....	2,405	2,337	2,096	8,171	7,440	9.8
New Mexico.....	4,238	4,378	3,861	15,962	15,887	.5
Utah.....	4,381	4,349	4,112	16,604	15,923	4.3
Wyoming.....	7,523	7,361	7,003	28,786	26,096	10.3
Pacific Total	3,463	3,334	2,797	11,961	8,885	34.6
Alaska.....	190	130	215	660	740	-10.8
California.....	742	712	522	2,810	2,134	31.7
Hawaii.....	35	25	37	167	145	15.2
Oregon.....	675	615	542	2,075	917	126.2
Washington.....	1,821	1,852	1,481	6,250	4,948	26.3
U.S. Total	246,265	277,307	258,065	1,014,667	1,007,626	.7

* Rounded to zero.

NM Percent change calculation not meaningful as value is greater than 500.

Notes: Unlike Table 37, consumption data exclude coal consumed by independent power producers and cogeneration plants not included in the other industrial, coke, and commercial sectors. See Table 37, Other Power Producers column. Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report;" Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-7A, "Coal Production Report;" Form EIA-5, "Coke Plant Report - Quarterly;" and Form EIA-6, "Coal Distribution Report."

Table 39. Coal Consumption at Electric Utility Plants by Census Division and State
(Thousand Short Tons)

Census Division and State	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
New England Total	661	1,324	2,045	5,183	7,583	-31.6
Connecticut.....	165	82	274	590	1,058	-44.3
Maine.....	-	-	-	-	-	-
Massachusetts.....	137	835	1,343	3,128	4,826	-35.2
New Hampshire.....	358	407	428	1,465	1,699	-13.8
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-
Middle Atlantic Total	12,799	15,090	13,923	54,738	54,179	1.0
New Jersey.....	569	822	789	2,357	2,851	-17.3
New York.....	2,394	2,531	2,384	9,410	8,726	7.8
Pennsylvania.....	9,835	11,736	10,750	42,971	42,603	.9
East North Central Total	48,754	56,352	52,653	204,721	204,251	.2
Illinois.....	9,153	11,429	10,378	38,255	41,017	-6.7
Indiana.....	13,204	15,321	14,327	55,086	54,845	.4
Michigan.....	8,563	8,944	8,301	34,021	31,928	6.6
Ohio.....	12,298	14,429	13,874	54,455	52,893	3.0
Wisconsin.....	5,536	6,229	5,772	22,903	23,568	-2.8
West North Central Total	32,298	35,148	31,447	130,374	123,968	5.2
Iowa.....	4,876	5,532	4,631	20,031	18,195	10.1
Kansas.....	3,866	4,983	4,163	17,627	17,534	.5
Minnesota.....	4,664	4,708	4,767	17,902	17,490	2.4
Missouri.....	8,930	10,349	8,712	37,165	35,193	5.6
Nebraska.....	2,997	2,913	2,420	11,505	10,796	6.6
North Dakota.....	6,576	6,231	6,234	24,278	22,754	6.7
South Dakota.....	390	431	521	1,866	2,005	-6.9
South Atlantic Total	36,680	45,675	39,776	157,764	155,499	1.5
Delaware.....	300	478	374	1,592	1,686	-5.5
District of Columbia.....	-	-	-	-	-	-
Florida.....	6,487	7,882	6,672	27,542	27,372	.6
Georgia.....	6,918	9,618	7,625	30,731	30,631	.3
Maryland.....	2,498	3,061	2,509	10,968	10,417	5.3
North Carolina.....	5,948	8,214	7,351	26,834	27,206	-1.4
South Carolina.....	2,676	3,934	3,311	12,664	12,096	4.7
Virginia.....	2,927	3,364	2,959	12,300	11,605	6.0
West Virginia.....	8,927	9,123	8,975	35,132	34,487	1.9
East South Central Total	22,290	26,760	25,885	96,320	99,620	-3.3
Alabama.....	8,073	8,884	8,256	31,474	30,840	2.1
Kentucky.....	8,136	9,753	9,764	35,842	38,281	-6.4
Mississippi.....	965	1,779	1,501	5,684	6,035	-5.8
Tennessee.....	5,116	6,344	6,364	23,320	24,464	-4.7
West South Central Total	33,979	39,444	34,464	141,671	144,218	-1.8
Arkansas.....	3,845	4,264	2,773	14,277	13,772	3.7
Louisiana.....	3,254	3,689	3,402	13,850	13,807	.3
Oklahoma.....	3,668	5,346	4,928	18,883	20,101	-6.1
Texas.....	23,213	26,145	23,362	94,661	96,537	-1.9
Mountain Total	29,783	30,112	28,079	111,787	105,216	6.2
Arizona.....	4,950	5,162	4,742	18,316	17,503	4.6
Colorado.....	4,513	4,776	4,606	17,663	17,116	3.2
Idaho.....	-	-	-	-	-	-
Montana.....	2,835	2,839	2,692	10,627	9,286	14.4
Nevada.....	2,354	2,277	2,048	7,961	7,261	9.6
New Mexico.....	4,216	4,357	3,839	15,883	15,802	.5
Utah.....	3,941	3,823	3,723	14,664	14,252	2.9
Wyoming.....	6,975	6,878	6,428	26,674	23,997	11.2
Pacific Total	2,502	2,426	1,983	8,309	5,827	42.6
Alaska.....	39	29	63	162	235	-31.1
California.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-
Oregon.....	675	615	480	2,037	821	148.0
Washington.....	1,789	1,782	1,441	6,111	4,770	28.1
U.S. Total	219,746	252,331	230,256	910,867	900,361	1.2

Note: Total may not equal sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 40. Change in Electric Utility Net Generation by State and Census Division, October-December 1998, 1997
(Million Kilowatthours)

Census Division and State	Total ¹		Coal		Oil		Gas		Hydro		Nuclear	
	Net Change	Percent Change	Net Change	Percent Change	Net Change	Percent Change	Net Change	Percent Change	Net Change	Percent Change	Net Change	Percent Change
New England	-4,891	-26.2	-3,502	-67.8	-1,343	-21.7	-2,005	-87.4	-181	-22.5	2,174	
Connecticut.....	712	20.1	-277	-39.5	-215	-9.4	-364	-92.9	-8	-12.0	1,586	NM
Maine.....	83	10.4	-	-	45	9.5	-	-	37	11.6	*	-
Massachusetts.....	-4,592	-53.3	-3,035	-89.3	-1,207	-38.7	-647	-71.5	2	7.2	295	25.2
New Hampshire.....	10	.3	-190	-17.9	36	11.5	2	NM	-132	-65.3	295	16.2
Rhode Island.....	-999	-99.8	*	-	-3	-59.9	-995	-100.0	*	-	-	-
Vermont.....	-104	-7.9	*	-	1	26.7	*	-100.0	-80	-41.7	-2	-2
Middle Atlantic	3,871	5.1	-2,281	-6.6	1,249	36.7	-884	-19.9	-1,183	-16.6	6,971	25.8
New Jersey.....	2,521	40.8	-483	-25.5	-45	-66.8	-219	-57.8	-2	7.2	3,270	84.3
New York.....	1,606	6.1	67	1.1	1,369	49.0	-648	-16.2	-910	-13.2	1,731	25.1
Pennsylvania.....	-256	-6	-1,865	-7.0	-74	-13.6	-17	-23.2	-270	-97.3	1,970	12.1
East North Central	-3,168	-2.4	-8,691	-8.0	-187	-27.6	-547	-35.5	-270	-32.3	6,522	32.7
Illinois.....	2,666	8.5	-2,636	-13.6	-112	-58.9	-769	-75.0	10	215.5	6,173	56.6
Indiana.....	-2,098	-7.2	-2,046	-7.1	-33	-17.1	18	32.6	-36	-24.0	-	-
Michigan.....	-273	-1.3	161	.9	-52	-26.6	184	61.3	-1	-9	-565	-16.9
Ohio.....	-2,861	-7.8	-3,520	-10.7	6	8.8	2	5.2	-44	-28.9	695	18.8
Wisconsin.....	-603	-4.7	-650	-6.5	5	17.6	19	16.0	-199	-42.3	219	10.9
West North Central	1,983	3.2	1,900	4.0	-21	-7.4	-190	-22.3	-630	-14.9	885	9.5
Iowa.....	548	6.3	617	8.5	-5	-46.5	-25	-43.1	43	22.9	-81	-6.9
Kansas.....	1,283	16.2	-324	-5.0	16	92.0	-190	-32.6	*	-	1,781	207.2
Minnesota.....	477	4.5	347	4.6	-14	-7.2	27	49.3	79	53.3	21	.8
Missouri.....	1,145	6.7	12	.1	5	15.2	-2	-1.8	491	343.2	615	34.1
Nebraska.....	-477	-6.8	993	25.9	-9	-81.9	-16	-41.9	6	1.3	-1,452	-52.8
North Dakota.....	82	1.0	457	6.4	-15	-66.1	*	-35.7	-360	-41.5	-	-
South Dakota.....	-1,075	-32.4	-203	-23.8	1	57.9	17	135.0	-889	-36.3	-	-
South Atlantic	3,029	1.9	-6,834	-7.0	3,433	49.1	1,117	15.6	-1,152	-49.0	6,465	15.7
Delaware.....	44	3.4	-203	-22.4	61	28.3	186	115.2	-	-	-	-
District of Columbia.....	-7	-136.8	-	-	-7	-136.8	-	-	-	-	-	-
Florida.....	5,860	17.4	-465	-2.9	3,364	56.8	815	12.4	-2	-4.6	2,149	42.1
Georgia.....	-697	-2.8	-1,201	-7.3	-2	-8.1	71	181.3	-408	-40.9	843	11.8
Maryland.....	-2	*	263	4.0	-2	-4	-34	-29.4	-264	-76.4	35	.9
North Carolina.....	-1,861	-6.7	-3,650	-19.1	-20	-32.4	-31	-70.3	-229	-33.4	2,070	26.7
South Carolina.....	34	.2	-1,446	-17.0	-18	-40.2	-9	-42.2	-205	-58.0	1,713	16.4
Virginia.....	-229	-1.5	-47	-6	51	24.7	110	54.1	1	-8	-345	-5.0
West Virginia.....	-113	-5	-86	-4	7	18.9	11	373.8	-45	-59.9	-	-
East South Central	-10,227	-12.2	-8,448	-14.1	-581	-43.1	130	12.4	-1,272	-26.7	-55	-3
Alabama.....	-2,515	-8.6	-560	-3.0	24	71.2	158	156.0	-871	-37.3	-1,267	-16.2
Kentucky.....	-4,020	-17.3	-3,928	-17.4	-8	-21.1	-3	-6.7	-81	-12.3	-	-
Mississippi.....	-1,494	-19.0	-896	-29.8	-600	-49.1	-23	-2.6	-	-	25	.9
Tennessee.....	-2,198	-9.5	-3,063	-19.9	2	4.4	-3	-13.6	-320	-18.0	1,187	19.8
West South Central	2,414	2.5	-744	-1.5	-41	-13.1	1,542	5.1	571	46.9	1,086	6.7
Arkansas.....	1,680	18.4	1,890	42.4	26	356.9	-89	-32.0	21	4.0	-168	-4.4
Louisiana.....	553	3.8	-457	-8.7	-76	-29.1	1,057	21.5	-	-	30	.7
Oklahoma.....	-546	-4.9	-1,958	-24.7	-2	-42.2	838	29.8	577	114.9	-	-
Texas.....	726	1.1	-218	-7	11	28.6	-263	-1.2	-27	-14.1	1,224	14.6
Mountain	3,634	5.1	3,221	6.2	20	36.8	1,679	81.6	-1,170	-12.2	-114	-1.5
Arizona.....	932	4.7	520	5.6	-1	-11.9	795	335.7	-268	-10.2	-114	-1.5
Colorado.....	-234	-2.6	-190	-2.2	6	202.4	130	114.1	-179	-51.4	*	-
Idaho.....	-386	-15.1	-	-	*	114.6	*	-	-386	-15.1	-	-
Montana.....	-535	-7.3	68	1.6	*	-8.4	4	70.4	-607	-19.7	-	-
Nevada.....	1,622	27.1	647	14.3	19	163.4	654	66.9	302	61.8	-	-
New Mexico.....	739	10.1	752	11.4	1	12.4	23	3.3	-37	-92.0	-	-
Utah.....	508	5.6	475	5.5	*	-8	75	326.1	-40	-12.4	-	-
Wyoming.....	989	9.3	949	9.0	-4	-27.7	-1	-38.5	45	29.7	-	-
Pacific	-3,972	-6.3	983	34.0	-13	-13.4	-580	-6.7	-4,082	-10.6	-261	-2.2
California.....	424	1.7	-	-	-57	-61.9	-1,809	-22.2	2,653	43.0	-339	-3.6
Oregon.....	-438	-3.8	347	44.6	20	494.5	793	156.7	-1,598	-15.5	*	-
Washington.....	-3,958	-14.9	636	30.1	24	NM	436	NM	-5,137	-23.5	78	3.3
Pacific Noncontiguous	-141	-4.9	-18	-29.4	74	4.2	-133	-17.1	-64	-20.5	-	-
Alaska.....	-222	-16.5	-18	-29.4	-7	-3.7	-133	-17.1	-63	-20.6	-	-
Hawaii.....	81	5.2	-	-	81	5.2	-	-	-1	-12.8	-	-
Total	-7,469	-1.0	-24,413	-5.3	2,590	12.3	128	.2	-9,432	-13.5	23,672	15.4

¹ Total also includes geothermal and other renewable energy sources.

* Number less than 0.5 rounded to zero.

NM Percent change calculation not meaningful as value is greater than 500.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 41. Coal Carbonized at Coke Plants by Census Division
(Thousand Short Tons)

Census Division	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
Middle Atlantic Total	2,015	2,148	2,968	8,401	11,655	-27.9
East North Central Total	3,267	3,082	2,840	12,322	11,366	8.4
South Atlantic Total	w	w	w	w	w	w
East South Central Total	896	949	965	3,736	4,299	-13.1
Mountain Total	w	w	w	w	w	w
U.S. Total	7,042	7,172	7,503	28,189	30,203	-6.7

^w Withheld to avoid disclosure of individual company data.

Notes: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Table 42. Coal Consumption at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

Census Division and State	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
New England Total	w	70	52	w	226	w
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	-	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	27	27	-	107	-	-
Middle Atlantic Total	1,445	w	w	5,754	w	w
New Jersey.....	w	w	w	w	w	w
New York.....	w	390	342	w	1,419	w
Pennsylvania.....	1,065	971	1,170	4,216	4,410	-4.4
East North Central Total	3,777	3,604	4,398	15,754	16,989	-7.3
Illinois.....	926	878	1,020	3,813	3,863	-1.3
Indiana.....	1,009	1,004	1,308	4,395	5,086	-13.6
Michigan.....	512	498	655	2,190	2,415	-9.3
Ohio.....	890	853	966	3,666	3,863	-5.1
Wisconsin.....	440	372	449	1,689	1,761	-4.1
West North Central Total	3,604	3,269	3,530	13,452	13,182	2.0
Iowa.....	757	789	775	3,040	3,151	-3.5
Kansas.....	26	27	32	109	137	-20.0
Minnesota.....	464	350	436	1,642	1,490	10.2
Missouri.....	317	313	306	1,258	1,206	4.3
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	121	116	117	450	436	3.3
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	316	329	349	1,279	1,347	-5.1
Georgia.....	448	469	543	1,959	2,046	-4.2
Maryland.....	206	196	198	768	790	-2.8
North Carolina.....	502	446	560	1,982	2,210	-10.3
South Carolina.....	486	481	519	1,962	2,014	-2.6
Virginia.....	597	533	627	2,354	2,502	-5.9
West Virginia.....	425	401	442	1,613	1,652	-2.3
East South Central Total	w	w	w	w	w	w
Alabama.....	647	629	677	2,634	2,565	2.7
Kentucky.....	411	451	561	1,829	2,251	-18.8
Mississippi.....	w	w	w	w	w	w
Tennessee.....	858	809	912	3,463	3,608	-4.0
West South Central Total	1,459	1,380	1,464	5,784	5,839	-0.9
Arkansas.....	78	72	56	287	297	-3.4
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,220	1,124	1,240	4,755	4,759	-1
Mountain Total	1,428	1,184	1,281	4,977	4,702	5.8
Arizona.....	175	178	180	698	702	-6
Colorado.....	188	187	195	711	780	-8.9
Idaho.....	223	w	w	421	w	w
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	228	237	99	852	527	61.5
Wyoming.....	506	455	533	1,923	1,959	-1.9
Pacific Total	771	781	624	3,010	2,424	24.2
Alaska.....	w	w	w	w	w	w
California.....	709	691	490	2,688	2,026	32.7
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	66	34	w	156	w
U.S. Total	17,537	16,511	18,368	69,240	70,599	-1.9

^w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-867, "Annual Non-utility Power Producer Report;" and Form EIA-7A, "Coal Production Report."

Table 43. U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Thousand Short Tons)

NAICS Code	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
311 Food Manufacturing.....	2,267	1,712	2,327	8,019	7,994	0.3
312 Beverage and Tobacco Product Mfg.....	129	121	130	523	556	-5.9
313 Textile Mills.....	225	200	254	919	999	-8.0
315 Apparel Manufacturing.....	w	w	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	w	-	w	-
321 Wood Product Manufacturing.....	w	w	w	w	w	w
322 Paper Manufacturing.....	3,013	2,915	3,441	12,360	13,270	-6.9
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	1,779	w	6,698	w
325 Chemicals Manufacturing.....	3,007	2,856	3,286	12,123	12,779	-5.1
326 Plastics and Rubber Products Mfg.....	44	47	48	184	197	-6.6
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w	w	w
331 Primary Metal Manufacturing ²	w	w	2,140	w	8,489	w
332 Fabricated Metal Product Mfg.....	62	31	68	218	265	-17.8
333 Machinery Manufacturing.....	82	24	104	273	361	-24.4
334 Computer and Electronic Product Mfg.....	w	w	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	184	84	215	654	850	-23.0
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w	w	w
U.S. Total.....	16,339	15,308	17,372	64,432	66,581	-3.2

¹ Includes coal gasification projects.

² Excludes coke plants.

^w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants."

Table 44. Coal Consumption by Residential and Commercial Sector by Census Division and State
(Thousand Short Tons)

Census Division and State	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
New England Total	15	10	15	52	51	1.5
Connecticut.....	2	1	2	7	7	-4.7
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	2	1	2	6	6	7.2
Rhode Island.....	1	1	1	3	3	2.6
Vermont.....	1	1	1	2	2	-6.4
Middle Atlantic Total	451	301	451	1,460	1,504	-2.9
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	373	249	373	1,194	1,244	-4.0
East North Central Total	411	274	411	1,411	1,370	3.0
Illinois.....	89	59	89	274	295	-7.3
Indiana.....	119	79	119	388	395	-2.0
Michigan.....	57	38	57	205	188	8.6
Ohio.....	99	66	99	394	329	19.9
Wisconsin.....	49	32	49	151	162	-7.0
West North Central Total	302	201	302	967	1,006	-3.9
Iowa.....	112	75	112	343	374	-8.1
Kansas.....	1	*	1	18	2	NM
Minnesota.....	32	21	32	115	105	9.6
Missouri.....	80	53	80	254	266	-4.6
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	*	*	*	1	1	12.9
South Atlantic Total	180	120	180	639	598	6.8
Delaware.....	w	w	w	w	w	w
District of Columbia.....	12	8	12	37	40	-8.4
Florida.....	-	-	-	*	-	-
Georgia.....	5	3	5	14	17	-16.3
Maryland.....	16	11	16	52	55	-4.8
North Carolina.....	58	38	58	195	192	1.4
South Carolina.....	*	*	*	4	1	410.0
Virginia.....	55	36	55	225	182	23.3
West Virginia.....	32	21	32	106	105	.7
East South Central Total	w	w	w	w	w	w
Alabama.....	22	15	22	67	73	-7.9
Kentucky.....	106	71	106	307	354	-13.4
Mississippi.....	w	w	w	w	w	w
Tennessee.....	39	26	39	127	131	-3.1
West South Central Total	87	58	87	233	291	-19.9
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	*	*	*	*	*	.0
Mountain Total	w	w	w	w	w	w
Arizona.....	*	*	*	*	*	-1.0
Colorado.....	19	13	19	54	65	-15.9
Idaho.....	9	6	9	30	30	-1.3
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	37	25	37	117	123	-4.8
Wyoming.....	42	28	42	189	140	34.3
Pacific Total	190	127	190	642	634	1.3
Alaska.....	w	w	w	w	w	w
California.....	33	22	33	122	109	12.6
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	6	4	6	22	22	1.7
U.S. Total	1,939	1,293	1,939	6,372	6,463	-1.4

* Rounded to zero.

NM Percent change calculation not meaningful as value is greater than 500.

w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-6, "Coal Distribution Report."

Stocks

Table 45. U.S. Coal Stocks, 1992-1998
(Thousand Short Tons)

Last Day of Quarter	Coal Consumers ¹				Coal Producers and Distributors	Total
	Electric Utilities	Coke Plants	Other Industrial ²	Total		
1992 March 31	160,032	2,875	5,725	168,632	39,853	208,485
June 30	164,176	2,776	6,317	173,270	40,513	213,783
September 30	152,685	2,215	6,979	161,878	35,198	197,076
December 31	154,130	2,597	6,965	163,692	33,993	197,685
1993 March 31	143,978	2,809	5,831	152,619	38,453	191,072
June 30	145,753	3,020	6,070	154,842	34,827	189,669
September 30	112,833	2,536	6,540	121,909	27,183	149,092
December 31	111,341	2,401	6,716	120,458	25,284	145,742
1994 March 31	105,186	2,232	4,859	112,278	34,139	146,417
June 30	118,391	2,759	5,543	126,694	35,758	162,451
September 30	112,314	2,706	6,206	121,225	32,955	154,180
December 31	126,897	2,657	6,585	136,139	33,219	169,358
1995 March 31	135,778	2,719	5,507	144,004	42,460	186,463
June 30	143,385	2,624	5,649	151,657	42,104	193,761
September 30	123,227	2,476	6,036	131,739	36,193	167,932
December 31	126,304	2,632	5,702	134,639	34,444	169,083
1996 March 31	117,738	2,583	4,431	124,752	36,851	161,603
June 30	127,113	2,601	4,565	134,280	37,344	171,623
September 30	119,473	2,814	5,301	127,588	33,780	161,368
December 31	114,623	2,667	5,688	122,979	28,648	151,627
1997 March 31	113,727	2,372	4,572	120,671	37,544	158,215
June 30	120,787	2,050	4,751	127,588	42,529	170,117
September 30	102,119	2,059	5,338	109,516	39,111	148,627
December 31	98,826	1,978	5,597	106,401	33,973	140,374
1998 March 31	108,101	1,885	4,588	114,574	^E 40,994	^E 155,568
June 30	117,758	1,995	4,614	124,366	^E 38,331	^E 162,697
September 30	104,552	2,042	5,268	111,862	^E 39,803	^E 151,665
December 31	120,501	2,026	5,561	128,089	^E 36,144	^E 164,233

¹ Stock data for the Residential and Commercial sector are not included. See Technical Note 6 in Appendix C.

² Manufacturing plants only.

^E Estimated.

Notes: Total may not equal sum of components because of independent rounding.

Sources: Energy Information Administration (EIA) • Electric Utilities: Form EIA-759, "Monthly Power Plant Report" • Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants" and • Producer and Distributor: Form EIA-6, Schedule Q, "Quarterly Coal Report;" and, Form EIA-6, "Coal Distribution Report."

Table 46. Consumer Coal Stocks by Census Division and State, December 31, 1998
(Thousand Short Tons)

Census Division and State	Electric Utilities	Coke Plants	Other Industrial ¹	Total
New England Total	575	—	w	665
Connecticut.....	134	—	w	w
Maine.....	—	—	w	w
Massachusetts.....	163	—	w	w
New Hampshire.....	278	—	w	w
Rhode Island.....	—	—	w	w
Vermont.....	—	—	w	w
Middle Atlantic Total	10,232	584	w	w
New Jersey.....	663	—	w	w
New York.....	1,128	w	252	w
Pennsylvania.....	8,441	w	w	9,058
East North Central Total	34,128	951	1,730	36,808
Illinois.....	6,572	w	290	w
Indiana.....	8,198	w	w	8,989
Michigan.....	8,776	w	674	w
Ohio.....	5,902	w	w	6,175
Wisconsin.....	4,679	—	290	4,969
West North Central Total	17,961	—	1,069	19,029
Iowa.....	3,788	—	473	4,261
Kansas.....	3,168	—	19	3,187
Minnesota.....	2,093	—	301	2,394
Missouri.....	5,032	—	127	5,159
Nebraska.....	2,096	—	w	w
North Dakota.....	1,580	—	w	w
South Dakota.....	204	—	w	w
South Atlantic Total	20,938	w	w	w
Delaware.....	470	—	w	w
District of Columbia.....	—	—	—	—
Florida.....	4,565	—	84	4,649
Georgia.....	3,424	—	142	3,566
Maryland.....	1,157	w	21	w
North Carolina.....	3,622	—	143	3,765
South Carolina.....	2,539	—	203	2,743
Virginia.....	1,370	w	120	w
West Virginia.....	3,791	w	125	w
East South Central Total	10,808	341	w	w
Alabama.....	3,195	w	w	3,577
Kentucky.....	4,668	w	76	w
Mississippi.....	820	—	w	w
Tennessee.....	2,124	—	223	2,347
West South Central Total	14,396	—	354	14,750
Arkansas.....	1,107	—	17	1,124
Louisiana.....	2,157	—	25	2,181
Oklahoma.....	3,349	—	89	3,438
Texas.....	7,784	—	223	8,007
Mountain Total	10,404	w	321	w
Arizona.....	1,855	—	70	1,925
Colorado.....	2,840	—	24	2,863
Idaho.....	—	—	126	126
Montana.....	335	—	w	w
Nevada.....	881	—	w	w
New Mexico.....	789	—	w	w
Utah.....	2,461	w	5	w
Wyoming.....	1,243	—	77	1,320
Pacific Total	1,060	—	241	1,301
Alaska.....	—	—	—	—
California.....	—	—	188	188
Hawaii.....	—	—	w	w
Oregon.....	196	—	w	w
Washington.....	864	—	10	875
U.S. Total	120,501	2,026	5,561	128,089

¹ Manufacturing plants only.

w Withheld to avoid disclosure of individual company data.

Notes: Total may not equal sum of components because of independent rounding. Stock data for the Residential and Commercial sector are not available. See Technical Note 6 in Appendix C.

Sources: Energy Information Administration • Electric Utilities: Form EIA-759, “Monthly Power Plant Report” • Coke Plants: Form EIA-5, “Coke Plant Report - Quarterly” and • Other Industrial: Form EIA-3, “Quarterly Coal Consumption Report - Manufacturing Plants.”

Table 47. Coal Stocks at Electric Utility Plants by Census Division and State
(Thousand Short Tons)

Census Division and State	December 31, 1998	September 30, 1998	December 31, 1997	Percent Difference December 31: 1998 versus 1997
New England Total	575	517	754	-23.7
Connecticut.....	134	121	66	103.0
Maine.....	-	-	-	-
Massachusetts.....	163	151	389	-58.1
New Hampshire.....	278	246	298	-7.0
Rhode Island	-	-	-	-
Vermont.....	-	-	-	-
Middle Atlantic Total	10,232	8,794	9,175	11.5
New Jersey.....	663	492	566	17.1
New York.....	1,128	831	819	37.7
Pennsylvania.....	8,441	7,471	7,790	8.4
East North Central Total	34,128	28,994	28,051	21.7
Illinois.....	6,572	5,044	4,828	36.1
Indiana.....	8,198	6,884	5,822	40.8
Michigan.....	8,776	8,476	7,222	21.5
Ohio.....	5,902	4,617	6,066	-2.7
Wisconsin.....	4,679	3,972	4,113	13.8
West North Central Total	17,961	14,967	13,707	31.0
Iowa.....	3,788	2,776	2,447	54.8
Kansas.....	3,168	2,558	2,282	38.8
Minnesota.....	2,093	1,908	1,737	20.5
Missouri.....	5,032	4,073	3,670	37.1
Nebraska.....	2,096	1,821	1,596	31.3
North Dakota.....	1,580	1,662	1,755	-9.9
South Dakota.....	204	169	219	-7.3
South Atlantic Total	20,938	16,751	16,141	29.7
Delaware.....	470	386	319	47.6
District of Columbia	-	-	-	-
Florida.....	4,565	3,350	3,441	32.7
Georgia.....	3,424	2,760	2,279	50.3
Maryland.....	1,157	900	1,188	-2.7
North Carolina.....	3,622	2,330	1,912	89.5
South Carolina.....	2,539	1,872	1,809	40.3
Virginia.....	1,370	1,274	1,152	18.9
West Virginia.....	3,791	3,878	4,042	-6.2
East South Central Total	10,808	10,225	9,329	15.9
Alabama.....	3,195	3,431	2,609	22.5
Kentucky.....	4,668	4,085	4,475	4.3
Mississippi.....	820	589	614	33.6
Tennessee.....	2,124	2,121	1,630	30.3
West South Central Total	14,396	12,433	11,050	30.3
Arkansas.....	1,107	1,126	934	18.5
Louisiana.....	2,157	1,619	1,248	72.8
Oklahoma.....	3,349	2,247	2,516	33.1
Texas.....	7,784	7,442	6,352	22.5
Mountain Total	10,404	10,502	9,667	7.6
Arizona.....	1,855	2,058	1,386	33.9
Colorado.....	2,840	2,791	2,458	15.6
Idaho.....	-	-	-	-
Montana.....	335	415	410	-18.3
Nevada.....	881	866	812	8.5
New Mexico.....	789	774	795	-8
Utah.....	2,461	2,611	2,309	6.6
Wyoming.....	1,243	987	1,498	-17.0
Pacific Total	1,060	1,368	952	11.4
Alaska.....	-	-	*	-
California.....	-	-	-	-
Hawaii.....	-	-	-	-
Oregon.....	196	253	83	135.9
Washington.....	864	1,115	868	-4
U.S. Total	120,501	104,552	98,826	21.9

* Rounded to zero.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

Table 48. Coal Stocks at Coke Plants by Census Division

(Thousand Short Tons)

Census Division	December 31, 1998	September 30, 1998	December 31, 1997	Percent Difference December 31: 1998 versus 1997
Middle Atlantic Total	584	572	725	-19.4
East North Central Total	951	1,029	817	16.3
South Atlantic Total	w	w	w	w
East South Central Total	341	326	290	17.7
Mountain Total	w	w	w	w
U.S. Total	2,026	2,042	1,978	2.4

^w Withheld to avoid disclosure of individual company data.

Notes: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Table 49. Coal Stocks at Other Industrial Plants by Census Division and State
(Thousand Short Tons)

Census Division and State	December 31, 1998	September 30, 1998	December 31, 1997	Percent Difference December 31: 1998 versus 1997
New England Total	90	66	62	w
Connecticut.....	-	-	-	-
Maine.....	w	w	w	w
Massachusetts.....	w	w	w	w
New Hampshire.....	-	-	-	-
Rhode Island	-	-	-	-
Vermont.....	-	-	-	-
Middle Atlantic Total	416	w	w	w
New Jersey.....	w	w	w	w
New York.....	w	242	255	w
Pennsylvania.....	164	177	220	-25.7
East North Central Total	1,730	1,461	1,926	-10.2
Illinois.....	290	246	237	22.1
Indiana.....	306	301	379	-19.3
Michigan.....	674	504	825	-18.4
Ohio.....	171	159	170	.2
Wisconsin.....	290	251	314	-7.7
West North Central Total	1,069	1,035	1,126	-5.1
Iowa.....	473	558	497	-4.9
Kansas.....	19	21	16	18.6
Minnesota.....	301	201	257	17.1
Missouri.....	127	136	182	-29.9
Nebraska.....	w	w	w	w
North Dakota.....	w	w	w	w
South Dakota.....	27	25	24	10.6
South Atlantic Total	w	w	w	w
Delaware.....	w	w	w	w
District of Columbia	-	-	-	-
Florida.....	84	97	67	25.2
Georgia.....	142	122	128	10.5
Maryland.....	21	15	16	32.8
North Carolina.....	143	141	112	27.8
South Carolina.....	203	170	212	-3.9
Virginia.....	120	157	149	-19.3
West Virginia.....	125	118	116	7.2
East South Central Total	w	w	w	w
Alabama.....	188	153	174	8.5
Kentucky.....	76	68	86	-12.1
Mississippi.....	w	w	w	w
Tennessee.....	223	223	196	13.6
West South Central Total	354	373	294	20.4
Arkansas.....	17	16	20	-12.6
Louisiana.....	w	w	w	w
Oklahoma.....	w	w	w	w
Texas.....	223	237	188	18.4
Mountain Total	321	403	228	40.8
Arizona.....	70	53	28	146.5
Colorado.....	24	23	18	30.9
Idaho.....	126	w	w	w
Montana.....	w	w	w	w
Nevada.....	w	w	w	w
New Mexico.....	w	w	w	w
Utah.....	5	5	3	81.2
Wyoming.....	77	77	57	35.8
Pacific Total	241	239	212	13.7
Alaska.....	w	w	w	w
California.....	188	180	118	59.3
Hawaii.....	w	w	w	w
Oregon.....	w	w	w	w
Washington.....	w	13	14	w
U.S. Total	5,561	5,268	5,597	-6

^w Withheld to avoid disclosure of individual company data.

Notes: Total may not equal sum of components because of independent rounding. Other industrial plants include manufacturing plants only.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants."

Table 50. U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code
(Thousand Short Tons)

NAICS Code	December 31, 1998	September 30, 1998	December 31, 1997	Percent Difference December 31: 1998 versus 1997
311 Food Manufacturing	730	892	731	-0.1
312 Beverage and Tobacco Product Mfg	26	22	32	-19.1
313 Textile Mills	108	77	118	-8.5
315 Apparel Manufacturing	w	w	w	w
316 Leather and Allied Product Mfg	-	w	w	w
321 Wood Product Manufacturing	w	w	w	w
322 Paper Manufacturing	1,115	903	1,081	3.1
323 Printing and Related Support	-	-	-	-
324 Petroleum and Coal Products ¹	w	85	118	w
325 Chemicals Manufacturing	930	888	811	14.7
326 Plastics and Rubber Products Mfg	4	5	8	-44.7
327 Nonmetallic Mineral Products Mfg	w	w	w	w
331 Primary Metal Manufacturing ²	w	564	833	w
332 Fabricated Metal Product Mfg	46	35	36	27.1
333 Machinery Manufacturing	56	58	71	-20.9
334 Computer and Electronic Product Mfg	w	w	w	w
335 Elec. Equip., Appl., Components Mfg	w	w	w	w
336 Transportation Equipment Mfg	50	51	77	-34.1
337 Furniture and Related Product Mfg	w	w	w	w
339 Miscellaneous Manufacturing	w	w	w	w
U.S. Total	5,561	5,268	5,597	-6

¹ Includes coal gasification projects.

² Excludes coke plants.

^w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants."

Table 51. Coke and Breeze Stocks at Coke Plants by Census Division
(Thousand Short Tons)

Census Division	December 31, 1998	September 30, 1998	December 31, 1997	Percent Difference December 31: 1998 versus 1997
Middle Atlantic Total	160	156	297	-46.4
East North Central Total	526	567	509	3.3
South Atlantic Total	w	w	w	w
East South Central Total	176	157	159	10.2
Mountain Total	w	w	w	w
U.S. Total	1,077	982	1,430	-24.7
Coke Total	933	842	1,294	-27.9
Breeze Total	144	140	135	6.6

^w Withheld to avoid disclosure of individual company data.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-5, "Coke Plant Report - Quarterly."

Appendix A

U.S. Coal Imports

Appendix A

U.S. Coal Imports

Table A1. Quantity and Average Price of U.S. Coal Imports, 1992-1998
(Thousand Short Tons and Dollars per Short Ton)

Year	January - March		April - June		July - September		October - December		U.S. Total	
	Quantity	Average Price	Quantity	Average Price	Quantity	Average Price	Quantity	Average Price	Quantity	Average Price
1992.....	1,343	\$34.40	1,467	\$34.39	1,283	\$35.88	1,416	\$33.22	5,509	\$34.44
1993.....	1,448	33.12	1,317	32.87	2,464	30.41	2,951	29.25	8,181	30.87
1994.....	2,225	30.54	1,747	29.05	2,568	31.22	2,329	31.55	8,870	30.71
1995.....	2,101	33.60	2,138	35.32	2,487	33.31	2,748	34.09	9,473	34.05
1996.....	1,968	34.26	1,688	33.07	2,423	33.56	2,036	34.15	8,115	33.78
1997.....	1,331	33.85	1,708	35.26	2,222	33.69	2,226	34.49	7,487	34.32
1998.....	1,839	33.98	2,193	31.43	2,145	32.38	2,547	31.38	8,724	32.18

Notes: Average price is based on the customs import value. Total may not equal sum of components because of independent rounding. Coal imports include coal to Puerto Rico and the Virgin Islands.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table A2. Quantity and Average Price of U.S. Coal Imports by Origin, 1992-1998

(Thousand Short Tons and Dollars per Short Ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	Malaysia	Venezuela	Other Countries	Total
Quantity								
1992	101	1,702	2,562	253	53	756	81	5,509
1993	100	1,509	4,517	708	–	1,307	39	8,181
1994	92	1,540	4,126	1,130	–	1,786	196	8,870
1995	212	1,916	4,210	1,018	–	2,041	76	9,473
1996	165	1,738	3,027	1,535	–	1,641	10	8,115
1997								
January - March	54	181	492	396	–	147	61	1,331
April - June	30	318	875	187	–	290	8	1,708
July - September	–	308	1,042	394	–	455	23	2,222
October - December	31	406	708	449	–	623	9	2,226
Total	116	1,212	3,117	1,426	–	1,514	103	7,487
1998								
January - March	32	131	659	246	–	767	5	1,839
April - June	–	298	844	403	–	646	2	2,193
July - September	28	368	850	344	–	510	45	2,145
October - December	33	369	1,125	421	–	560	39	2,547
Total	93	1,166	3,478	1,414	–	2,482	91	8,724
Average Price								
1992	\$36.07	\$35.09	\$32.13	\$40.94	\$47.06	\$34.04	\$25.18	\$33.79
1993	31.56	33.48	27.91	42.70	–	29.12	24.17	30.42
1994	30.02	32.57	28.39	33.80	–	32.09	28.97	30.53
1995	30.99	35.47	31.26	35.13	–	34.70	42.44	33.27
1996	33.41	35.11	31.90	32.45	–	30.87	33.43	32.37
1997								
January - March	33.80	26.87	31.98	31.82	–	31.64	–	31.32
April - June	34.95	39.87	32.64	36.48	–	33.23	–	34.48
July - September	–	37.67	32.38	32.04	–	32.01	49.09	33.02
October - December	31.45	38.18	31.17	32.86	–	34.57	49.22	33.64
Total	33.47	36.80	32.11	32.82	–	33.26	49.12	33.25
1998								
January - March	31.35	33.66	33.01	38.77	–	32.36	42.03	33.54
April - June	–	33.83	30.42	32.87	–	29.48	–	31.04
July - September	32.08	35.91	30.91	32.10	–	30.12	–	31.76
October - December	32.25	36.69	30.98	33.79	–	32.27	35.95	32.57
Total	31.89	35.40	31.21	34.13	–	31.09	36.29	32.19

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. Beginning in 1989, the average prices presented in this table are representative prices for coal imports that fall within the range of \$20 and \$55, inclusively. Therefore, the Total price column in this table will not equal the U.S. Total prices in Table A1. Coal imports include coal to Puerto Rico and the Virgin Islands.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table A3. U. S. Coal Imports by Origin and by Customs District
(Short Tons)

Customs District	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
U.S. Total	2,546,854	2,145,329	2,225,649	8,723,683	7,486,776	16.5
Exporting Country: Australia						
Honolulu, HI.....	33,066	28,071	31,052	92,660	115,510	-19.8
Total	33,066	28,071	31,052	92,660	115,510	-19.8
Exporting Country: Canada						
Chicago, IL.....	-	33,083	123,466	66,829	329,778	-79.7
Detroit, MI.....	185,185	131,814	162,299	415,127	388,674	6.8
Duluth, MN.....	-	-	-	-	416	-
Great Falls, MT.....	-	-	1	-	282	-
Pembina, ND.....	155,877	160,048	96,101	560,779	410,509	36.6
Buffalo, NY.....	9	-	22	9	44	-79.5
Ogdensburg, NY.....	19	-	-	19	-	-
Seattle, WA.....	27,948	43,201	23,831	123,634	81,854	51.0
Total	369,038	368,146	405,720	1,166,397	1,211,557	-3.7
Exporting Country: Colombia						
Mobile, AL.....	67,145	243,463	61,968	508,561	214,241	137.4
Tampa, FL.....	664,240	323,509	298,169	1,628,765	1,320,515	23.3
Boston, MA.....	237,112	121,803	105,816	744,352	1,021,755	-27.1
Portland, ME.....	-	33,827	-	33,827	62,511	-45.9
New York City, NY.....	71,502	127,425	55,797	326,822	215,750	51.5
Portland, OR.....	-	-	-	6,992	-	-
San Juan, PR.....	25,132	-	27,668	106,174	123,894	-14.3
Houston-Galveston, TX.....	-	-	122,284	6,068	122,284	-95.0
Virgin Islands.....	60,180	-	36,172	116,624	36,172	222.4
Total	1,125,311	850,027	707,874	3,478,185	3,117,122	11.6
Exporting Country: Indonesia						
Honolulu, HI.....	119,033	118,486	173,876	589,152	643,874	-8.5
New Orleans, LA.....	301,795	225,450	234,276	824,552	741,271	11.2
Portland, ME.....	-	-	40,771	-	40,771	-
Total	420,828	343,936	448,923	1,413,704	1,425,916	-9
Exporting Country: Venezuela						
Mobile, AL.....	120,063	-	-	376,227	-	-
Miami, FL.....	-	-	38,591	90,381	38,591	134.2
Tampa, FL.....	-	-	-	42,452	-	-
Savannah, GA.....	78,394	156,398	16,750	374,677	178,085	110.4
New Orleans, LA.....	-	-	58,643	79,765	58,643	36.0
Boston, MA.....	202,529	147,050	250,243	658,295	511,554	28.7
Portland, ME.....	73,190	109,890	105,298	333,782	263,486	26.7
New York City, NY.....	30,076	20,889	108,245	185,279	302,282	-38.7
Philadelphia, PA.....	31,317	-	12,190	95,671	83,918	14.0
San Juan, PR.....	24,141	33,345	32,746	85,871	77,519	10.8
Houston-Galveston, TX.....	-	42,495	-	159,785	-	-
Total	559,710	510,067	622,706	2,482,185	1,514,078	63.9
Other Exporting Countries						
Los Angeles, CA.....	4	-	-	4	149	-97.3
San Diego, CA.....	1	-	-	1	-	-
Miami, FL.....	-	-	-	-	13	-
Honolulu, HI.....	-	-	-	-	1	-
New Orleans, LA.....	-	42,439	-	42,439	41,005	3.5
Boston, MA.....	36,432	-	201	36,432	201	NM
Detroit, MI.....	-	-	-	-	4	-
Buffalo, NY.....	286	1,850	1,144	3,983	6,016	-33.8
New York City, NY.....	11	76	11	112	11	NM
Portland, OR.....	-	-	6,942	-	20,383	-
San Juan, PR.....	-	454	-	3,117	-	-
Houston-Galveston, TX.....	-	-	-	-	32,581	-
Laredo, TX.....	1,270	-	-	1,964	353	456.4
Norfolk, VA.....	-	-	-	-	19	-
Milwaukee, WI.....	897	263	1,076	2,500	1,857	34.6
Total	38,901	45,082	9,374	90,552	102,593	-11.7

NM Changes of 500 percent or more are not shown.

Table A4. Average Price of U.S. Coal Imports by Origin and by Customs District
(Dollars per Short Ton)

Customs District	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
Total	\$32.57	\$31.76	\$33.64	\$32.19	\$33.25	-3.2
Exporting Country: Australia						
Honolulu, HI	\$32.25	\$32.08	\$31.45	\$31.89	\$33.47	-4.7
Total	32.25	32.08	31.45	31.89	33.47	-4.7
Exporting Country: Canada						
Chicago, IL	-	\$48.32	\$46.88	\$48.32	\$45.13	7.1
Detroit, MI	\$46.73	45.51	43.33	45.96	43.56	5.5
Duluth, MN	-	-	-	-	40.19	-
Great Falls, MT	-	-	-	-	23.96	-
Pembina, ND	25.75	26.38	23.79	26.51	24.90	6.5
Seattle, WA	28.13	29.35	29.61	29.57	29.07	1.7
Total	36.69	35.91	38.18	35.40	36.80	-3.8
Exporting Country: Colombia						
Mobile, AL	\$29.08	\$27.79	\$28.98	\$27.79	\$29.06	-4.3
Tampa, FL	30.16	30.86	31.91	30.72	31.94	-3.8
Boston, MA	32.79	32.14	32.23	32.75	32.82	-.2
Portland, ME	-	35.17	-	35.17	24.56	43.2
New York City, NY	35.57	34.70	34.95	34.48	36.18	-4.7
Portland, OR	-	-	-	49.45	-	-
San Juan, PR	32.21	-	32.93	33.91	35.01	-3.1
Houston-Galveston, TX	-	-	28.07	34.47	28.07	22.8
Virgin Islands	29.04	-	29.03	29.04	29.03	*
Total	30.98	30.91	31.17	31.21	32.11	-2.8
Exporting Country: Indonesia						
Honolulu, HI	\$44.42	\$45.19	\$44.63	\$45.18	\$43.64	3.5
New Orleans, LA	25.28	21.83	23.41	23.22	23.20	.1
Portland, ME	-	-	37.00	-	37.00	-
Total	33.79	32.10	32.86	34.13	32.82	4.0
Exporting Country: Venezuela						
Mobile, AL	\$28.74	-	-	\$28.51	-	-
Miami, FL	-	-	\$37.60	36.30	\$37.60	-3.5
Tampa, FL	-	-	-	37.60	-	-
Savannah, GA	-	\$22.15	20.39	21.85	21.78	.3
New Orleans, LA	-	-	27.99	27.22	27.99	-2.8
Boston, MA	35.53	37.86	38.15	36.47	36.69	-.6
Portland, ME	30.73	29.17	32.79	29.88	32.78	-8.9
New York City, NY	33.98	34.74	32.34	33.86	35.10	-3.5
Philadelphia, PA	28.49	-	30.78	30.51	32.41	-5.9
San Juan, PR	29.94	30.84	37.16	30.29	34.19	-11.4
Houston-Galveston, TX	-	32.22	-	29.54	-	-
Total	32.27	30.12	34.57	31.09	33.26	-6.5
Other Exporting Countries						
Boston, MA	\$36.48	-	\$41.20	\$36.48	\$41.20	-11.5
Portland, OR	-	-	49.45	-	49.45	-
San Juan, PR	-	-	-	42.03	-	-
Houston-Galveston, TX	-	-	-	-	49.09	-
Laredo, TX	20.87	-	-	20.87	-	-
Total	35.95	-	49.22	36.29	49.12	-26.1

* Rounded to zero.

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the customs import value. Beginning in 1989, the average prices presented in this table are representative prices for coal imports that fall within the range of \$20 and \$55, inclusively. Therefore, the Total price column in this table will not equal the U.S. Total prices in Table A1.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

Table A5. Imported Coal Received at Electric Utility Plants by Origin
(Short Tons)

Company and Plant	October - December 1998	July - September 1998	October - December 1997	Year to Date		
				1998	1997	Percent Change
U.S. Total	1,552,626	1,616,960	1,396,712	5,845,151	4,871,070	20.0
Exporting Country: Canada						
Takoma Dept. of Public Utilities, Steam No.2	-	-	-	-	9,590	-
Total	-	-	-	-	9,590	-
Exporting Country: Colombia						
Central Hudson Gas & Electric, Danskammer	-	-	80,250	34,800	147,050	-76.3
Central Power and Light (CSW), Coletto Creek	-	36,399	26,044	60,119	26,044	130.8
City Public Service, San Antonio JT	-	-	-	-	-	-
Deely/Spruce	-	-	73,000	24,000	73,000	-67.1
Gulf Power, Crist.....	110,537	167,291	-	321,444	-	-
Jacksonville Electric Authority, St Johns River	608,280	323,540	388,270	1,587,910	1,385,340	14.6
New England Power (NEES), Brayton Point.....	-	40,200	121,800	263,000	668,500	-60.7
New England Power (NEES), Salem Harbor.....	-	39,900	36,700	204,100	409,100	-50.1
Public Serv Co of New Hampshire, Schiller	-	-	35,360	34,680	35,360	-1.9
Total	718,817	607,330	761,424	2,530,053	2,744,394	-7.8
Exporting Country: Indonesia						
Cajun Electric Power Coop, Big Cajun No. 2	227,570	74,968	-	302,538	-	-
Public Serv Co of New Hampshire, Merrimack	-	-	40,771	-	40,771	-
Tampa Electric, Davant Transfer.....	148,627	151,045	234,274	596,979	741,264	-19.5
Total	376,197	226,013	275,045	899,517	782,035	15.0
Exporting Country: Venezuela						
Central Hudson Gas & Electric, Danskammer	148,400	182,900	91,250	558,800	350,400	59.5
Central Power and Light (CSW), Coletto Creek	42,495	-	-	42,495	-	-
City Public Service, San Antonio JT	-	-	-	-	-	-
Deely/Spruce	-	34,000	-	43,000	-	-
Florida Power Corp, IMT Transfer.....	-	-	-	79,764	-	-
Gulf Power, Crist.....	611	4,822	-	112,391	-	-
Lakeland Dept of Elec Wtr Utils, Plant	-	-	-	-	-	-
3-Mcintosh.....	-	37,000	-	43,000	-	-
Mississippi Power (Southern Co), Watson.....	44,530	64,470	-	173,670	-	-
New England Power (NEES), Brayton Point.....	-	56,800	70,100	209,500	292,500	-28.4
New England Power (NEES), Salem Harbor.....	-	107,400	90,400	262,100	90,400	189.9
Public Serv Co of New Hampshire, Schiller	73,191	110,447	-	331,371	228,969	44.7
Public Serv Electric & Gas Co, Mercer	-	-	-	39,000	-	-
Savannah Electric and Power, Port Wentworth	78,385	185,778	49,850	414,490	279,139	48.5
Tampa Electric, Davant Transfer.....	-	-	58,643	-	58,643	-
United Illuminating Co, Bridgeport Harbor	70,000	-	-	106,000	35,000	202.9
Total	457,612	783,617	360,243	2,415,581	1,335,051	80.9

Note: Total may not equal sum of components because of independent rounding.

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

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Baltimore Gas and Electric, Brandon Shores						
Colombia						
1993.....	224.0	12,354	0.64	6.32	149.8	37.02
1994.....	88.0	12,379	.66	7.36	147.3	36.46
Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2						
Indonesia						
1994.....	169.2	9,702	0.10	1.20	166.8	32.36
1998						
July - September.....	75.0	9,596	.09	.53	214.4	41.15
October - December.....	227.6	9,448	.09	.97	178.6	33.75
Total	302.5	9,485	.09	.86	187.6	35.58
Company and Plant: Carolina Power and Light, Sutton						
Colombia						
1994.....	26.6	12,200	0.70	9.00	145.5	35.50
Company and Plant: Central Hudson Gas & Electric, Danskammer						
Colombia						
1997						
July - September.....	66.8	12,995	0.67	7.29	173.4	45.06
October - December.....	80.2	13,062	.63	7.07	169.5	44.29
Total	147.0	13,032	.65	7.17	171.3	44.64
1998						
January - March.....	34.8	13,309	.62	7.38	169.8	45.20
Total	34.8	13,309	.62	7.38	169.8	45.20
Venezuela						
1995	28.2	13,281	.56	7.30	224.1	59.53
1997						
January - March.....	69.4	13,181	.66	6.35	174.9	46.11
April - June.....	88.3	13,416	.64	5.45	174.0	46.69
July - September.....	101.4	13,078	.66	6.64	173.8	45.47
October - December.....	91.2	13,033	.64	7.09	170.1	44.33
Total	350.4	13,172	.65	6.40	173.1	45.61
1998						
January - March.....	122.6	13,311	.59	7.02	169.8	45.21
April - June.....	104.9	13,184	.65	7.70	170.0	44.82
July - September.....	182.9	12,953	.62	7.16	166.7	43.20
October - December.....	148.4	12,879	.66	6.51	163.2	42.02
Total	558.8	13,055	.63	7.06	167.1	43.63
Company and Plant: City Public Service, San Antonio JT Deely/Spruce						
Colombia						
1997						
October - December.....	73.0	11,603	0.34	3.89	176.9	41.06
Total	73.0	11,603	.34	3.89	176.9	41.06
1998						
January - March.....	24.0	11,600	.33	3.80	200.6	46.54
Total	24.0	11,600	.33	3.80	200.6	46.54
Venezuela						
1998						
April - June.....	9.0	12,855	.70	6.00	185.8	47.77
July - September.....	34.0	12,000	.70	6.00	185.6	44.55
Total	43.0	12,179	.70	6.00	185.7	45.22

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Central Power and Light (CSW), Coletto Creek						
Colombia						
1992.....	37.2	12,892	0.62	7.90	174.5	44.99
1993.....	122.5	12,109	.60	5.90	148.5	35.98
1994.....	153.4	11,929	.55	5.03	148.9	35.51
1997						
October - December.....	26.0	11,665	.47	6.00	173.2	40.41
Total	26.0	11,665	.47	6.00	173.2	40.41
1998						
April - June.....	23.7	12,760	.66	6.60	188.3	48.05
July - September.....	36.4	12,760	.66	6.60	159.8	40.78
Total	60.1	12,760	.66	6.60	171.0	43.65
Venezuela						
1992.....	42.5	13,214	.66	7.20	175.8	46.46
1998						
October - December.....	42.5	12,344	.73	9.20	164.8	40.69
Total	42.5	12,344	.73	9.20	164.8	40.69
Company and Plant: Delmarva Power & Light, Edgemoor						
Colombia						
1994.....	22.0	12,370	0.58	5.98	168.2	41.61
Company and Plant: Delmarva Power and Light, Indian River						
Colombia						
1995.....	7.1	13,141	0.75	7.07	180.3	47.39
Company and Plant: Detroit Edison Co, River Rouge						
Canada						
1994.....	57.0	11,005	0.23	10.28	149.9	32.99
Company and Plant: Florida Power Corp, IMT Transfer						
Venezuela						
1994.....	84.4	12,778	0.64	6.50	156.3	39.93
1998						
January - March.....	61.2	12,976	.71	5.58	176.5	45.81
April - June.....	18.5	12,940	.79	5.97	135.2	34.98
Total	79.8	12,968	.73	5.67	166.9	43.30
Company and Plant: Gulf Power, Crist						
Colombia						
1993.....	280.2	11,983	0.59	5.53	188.5	45.18
1994.....	29.8	12,239	.59	5.30	160.9	39.38
1998						
April - June.....	43.6	12,481	.55	4.50	151.0	37.69
July - September.....	167.3	12,324	.67	5.35	150.0	36.97
October - December.....	110.5	12,335	.68	5.39	150.8	37.20
Total	321.4	12,349	.65	5.25	150.4	37.15
Venezuela						
1993.....	234.8	12,992	.59	6.11	172.2	44.75
1994.....	283.4	12,252	1.03	6.28	216.9	53.15
1995.....	776.7	12,363	.92	6.29	230.9	57.09
1996.....	205.9	12,224	.95	5.90	230.6	56.37
1998						
January - March.....	54.2	12,741	.74	7.10	148.3	37.79
April - June.....	52.8	12,441	.88	6.47	146.4	36.42
July - September.....	4.8	12,789	.75	5.80	143.7	36.76

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Gulf Power, Crist						
Venezuela						
1998						
October - December	0.6	12,789	0.75	5.80	143.7	36.76
Total	112.4	12,602	.81	6.74	147.2	37.10
Company and Plant: Gulf Power, Scholtz						
Colombia						
1993	7.5	12,170	0.62	7.50	164.4	40.01
Venezuela						
1993	16.0	12,958	.58	6.10	170.6	44.20
Company and Plant: Gulf Power, Smith						
Colombia						
1993	198.2	11,823	0.61	5.96	184.6	43.65
1994	286.6	12,299	.61	4.17	172.3	42.39
South Africa						
1994	127.3	11,318	.65	12.60	181.1	41.00
Venezuela						
1994	53.8	12,272	.96	6.52	229.1	56.24
1995	114.6	12,202	1.00	6.52	236.1	57.63
1996	92.2	12,171	.99	6.03	234.7	57.13
Company and Plant: Holyoke Water Power (NU), Mount Tom						
Indonesia						
1994	7.9	12,651	0.43	3.30	195.4	49.44
Company and Plant: Jacksonville Electric Authority, St Johns River						
Colombia						
1992	1,418.6	11,897	0.71	6.91	150.0	35.70
1993	2,291.2	11,849	.68	7.21	136.9	32.44
1994	2,032.1	11,883	.69	7.40	135.6	32.22
1995	1,340.6	11,826	.67	7.52	151.5	35.82
1996	1,417.2	11,810	.66	7.71	152.9	36.11
1997						
January - March	138.9	11,813	.70	7.30	152.0	35.91
April - June	425.7	11,809	.72	7.49	151.4	35.76
July - September	432.5	11,913	.98	7.27	148.4	35.35
October - December	388.3	11,841	.65	7.57	150.1	35.55
Total	1,385.3	11,851	.78	7.42	150.1	35.59
1998						
January - March	359.3	11,802	.65	7.13	149.0	35.16
April - June	296.8	11,796	.61	6.83	147.2	34.72
July - September	323.5	11,838	.66	6.73	146.1	34.58
October - December	608.3	11,834	.68	6.73	141.3	33.44
Total	1,587.9	11,821	.66	6.84	145.1	34.30
Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh						
Venezuela						
1998						
April - June	6.0	12,941	0.62	5.70	175.2	45.35
July - September	37.0	12,941	.62	5.70	175.8	45.50
Total	43.0	12,941	.62	5.70	175.7	45.48

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Mississippi Power (Southern Co), Daniel						
Indonesia						
1993.....	67.5	9,745	0.08	1.23	168.9	32.92
Company and Plant: Mississippi Power (Southern Co), Watson						
Venezuela						
1998						
January - March.....	13.6	12,312	0.71	5.20	154.1	37.95
April - June.....	51.1	12,617	.76	7.20	137.1	34.60
July - September.....	64.5	12,617	.76	7.20	137.0	34.57
October - December.....	44.5	12,590	.74	6.80	145.2	36.56
Total.....	173.7	12,586	.75	6.94	140.4	35.35
Company and Plant: New England Power (NEES), Brayton Point						
Colombia						
1993.....	187.2	12,144	0.64	5.42	178.5	43.35
1994.....	51.3	12,131	.65	5.60	172.2	41.78
1995.....	307.8	12,218	.60	5.22	164.6	40.23
1996.....	427.5	12,014	.59	5.52	168.0	40.35
1997						
January - March.....	112.1	12,030	.63	6.04	179.7	43.25
April - June.....	159.3	12,190	.64	6.16	154.6	37.68
July - September.....	275.3	12,093	.63	5.54	158.6	38.35
October - December.....	121.8	12,169	.66	5.62	183.0	44.54
Total.....	668.5	12,119	.64	5.79	165.6	40.14
1998						
January - March.....	151.4	12,123	.64	6.25	162.3	39.36
April - June.....	71.4	12,128	.64	5.65	159.8	38.77
July - September.....	40.2	12,127	.61	6.31	160.6	38.94
Total.....	263.0	12,125	.64	6.10	161.4	39.14
Venezuela						
1992.....	129.0	13,375	.75	7.32	165.2	44.18
1993.....	239.9	13,132	.71	7.83	162.5	42.67
1994.....	351.2	12,955	.71	7.03	154.2	39.95
1995.....	510.6	12,788	.69	7.03	160.0	40.92
1996.....	572.4	12,937	.67	6.29	162.4	42.01
1997						
January - March.....	27.8	12,705	.75	8.48	162.2	41.21
April - June.....	83.9	13,136	.72	6.23	163.6	42.98
July - September.....	110.7	13,203	.65	5.58	164.6	43.47
October - December.....	70.1	13,143	.67	6.86	169.3	44.49
Total.....	292.5	13,122	.68	6.35	165.2	43.36
1998						
January - March.....	119.2	13,270	.65	7.33	154.1	40.89
April - June.....	33.5	13,063	.66	8.96	149.1	38.96
July - September.....	56.8	12,945	.65	7.83	149.4	38.68
Total.....	209.5	13,149	.65	7.73	152.0	39.98
Company and Plant: New England Power (NEES), Salem Harbor						
Canada						
1992.....	32.8	13,569	1.40	3.82	174.9	47.46
Colombia						
1994.....	84.2	12,017	.57	6.07	159.9	38.44
1995.....	250.1	12,166	.60	5.26	147.9	35.99
1996.....	202.9	12,069	.57	5.77	148.6	35.86
1997						
January - March.....	85.6	12,121	.72	6.69	176.8	42.85
April - June.....	153.9	12,078	.62	6.21	151.7	36.63
July - September.....	132.9	12,120	.60	5.85	184.8	44.80
October - December.....	36.7	12,087	.62	5.91	145.5	35.18
Total.....	409.1	12,101	.63	6.17	167.2	40.46

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: New England Power (NEES), Salem Harbor						
Colombia						
1998						
January - March.....	76.7	12,117	0.57	5.91	189.1	45.82
April - June.....	87.5	12,120	.60	5.16	158.7	38.46
July - September.....	39.9	12,047	.64	5.27	213.7	51.50
Total.....	204.1	12,105	.60	5.46	180.8	43.77
Venezuela						
1992.....	34.8	12,893	.58	7.02	145.3	37.47
1993.....	236.2	12,921	.57	6.65	162.5	41.99
1994.....	565.5	12,678	.64	6.49	159.6	40.47
1995.....	393.1	12,846	.65	6.34	162.4	41.72
1996.....	563.1	12,849	.70	6.17	155.5	39.96
1997						
October - December.....	90.4	12,934	.69	5.82	156.8	40.58
Total.....	90.4	12,934	.69	5.82	156.8	40.58
1998						
January - March.....	100.9	13,000	.70	5.59	156.8	40.77
April - June.....	53.8	13,086	.70	5.05	146.8	38.42
July - September.....	107.4	12,825	.73	5.87	153.1	39.27
Total.....	262.1	12,946	.71	5.59	153.2	39.68
Company and Plant: Ohio Edison, Burger Plant						
Indonesia						
1992.....	13.1	9,587	0.14	1.20	166.9	32.00
Company and Plant: Public Serv Co of Indiana, Gallagher						
Indonesia						
1993.....	11.1	9,242	0.13	1.35	104.8	19.38
Company and Plant: Public Serv Co of New Hampshire, Merrimack						
Colombia						
1995.....	11.5	11,578	0.53	3.80	192.9	44.67
Indonesia						
1993.....	21.2	12,620	.49	3.80	186.5	47.07
1997						
October - December.....	40.8	12,300	.49	4.50	190.7	46.92
Total.....	40.8	12,300	.49	4.50	190.7	46.92
Venezuela						
1993.....	24.9	12,920	.58	6.00	163.2	42.17
1996.....	39.9	12,370	.39	3.70	213.2	52.75
Company and Plant: Public Serv Co of New Hampshire, Schiller						
Colombia						
1992.....	48.4	12,428	0.61	6.31	157.2	39.08
1993.....	52.1	12,861	.64	7.49	150.0	38.59
1994.....	163.3	12,505	.62	5.55	135.5	33.89
1995.....	122.9	12,733	.62	6.70	160.0	40.73
1996.....	32.3	12,169	.66	5.68	161.9	39.41
1997						
October - December.....	35.4	13,231	.63	6.70	160.1	42.37
Total.....	35.4	13,231	.63	6.70	160.1	42.37
1998						
January - March.....	34.7	13,188	.64	5.50	172.8	45.58
Total.....	34.7	13,188	.64	5.50	172.8	45.58

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Public Serv Co of New Hampshire, Schiller						
Indonesia						
1993.....	16.0	12,620	0.49	3.80	161.3	40.71
1994.....	113.0	12,360	.53	3.58	158.7	39.23
1995.....	79.7	12,300	.52	4.56	167.8	41.28
1996.....	25.9	12,412	.72	8.20	161.9	40.19
Venezuela						
1992.....	34.3	12,881	.58	6.76	168.0	43.29
1993.....	84.3	12,972	.58	6.08	138.6	35.95
1995.....	82.4	13,044	.71	7.24	156.5	40.84
1996.....	56.1	13,061	.67	6.04	159.8	41.75
1997						
January - March.....	28.5	11,669	.88	7.90	160.0	37.34
April - June.....	98.9	12,707	.66	5.50	161.9	41.15
July - September.....	101.5	11,893	.63	6.24	159.7	38.00
Total	229.0	12,217	.67	6.13	160.7	39.27
1998						
January - March.....	73.9	13,161	.65	5.20	148.9	39.20
April - June.....	73.8	12,796	.68	6.15	145.8	37.30
July - September.....	110.4	12,784	.67	5.86	147.8	37.80
October - December.....	73.2	12,982	.61	5.62	150.0	38.94
Total	331.4	12,914	.65	5.72	148.1	38.25
Company and Plant: Public Serv Electric & Gas Co, Mercer						
Venezuela						
1998						
January - March.....	39.0	12,998	0.68	5.50	155.3	40.37
Total	39.0	12,998	.68	5.50	155.3	40.37
Company and Plant: Public Serv Electric & Gas-NJ, Hudson						
Colombia						
1994.....	22.5	12,870	0.68	6.90	166.9	42.96
Company and Plant: Savannah Electric and Power, Port Wentworth						
Colombia						
1994.....	11.9	11,235	0.69	5.87	214.1	48.12
Venezuela						
1994.....	16.8	12,575	1.12	8.60	168.0	42.25
1996.....	209.9	12,143	1.08	6.71	152.8	37.11
1997						
January - March.....	38.4	11,867	1.60	8.20	136.6	32.42
April - June.....	60.6	11,867	1.58	8.20	138.1	32.79
July - September.....	130.3	12,115	1.20	7.64	139.0	33.67
October - December.....	49.8	11,682	.85	6.94	119.9	28.01
Total	279.1	11,949	1.28	7.72	135.1	32.29
1998						
January - March.....	79.0	13,018	.67	5.50	152.4	39.68
April - June.....	71.4	11,986	1.58	8.20	147.8	35.43
July - September.....	185.8	12,491	1.01	7.42	141.8	35.43
October - December.....	78.4	12,427	.86	7.40	140.4	34.89
Total	414.5	12,492	1.01	7.19	144.6	36.14
Company and Plant: Takoma Dept. of Public Utilities, Steam No.2						
Canada						
1992.....	15.3	9,993	0.42	12.95	214.7	42.90
1993.....	29.2	10,036	.48	12.60	179.5	36.03
1994.....	6.3	9,806	.48	12.80	178.0	34.91
1995.....	23.8	10,066	.47	13.14	166.0	33.42

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Takoma Dept. of Public Utilities, Steam No.2						
Canada						
1996.....	18.0	9,861	0.44	12.97	174.6	34.44
1997						
January - March.....	4.4	9,979	.36	12.97	172.0	34.33
July - September.....	5.2	10,283	.48	11.65	171.0	35.17
Total	9.6	10,144	.43	12.25	171.4	34.79
Company and Plant: Tampa Electric, Davant Transfer²						
Colombia						
1993.....	222.2	10,844	0.62	7.63	166.6	36.13
Indonesia						
1994.....	147.2	9,871	.09	1.10	143.0	28.24
1995.....	348.9	9,696	.31	1.16	143.8	27.88
1996.....	807.8	9,655	.29	1.48	149.7	28.91
1997						
January - March.....	218.8	9,482	.37	1.67	161.3	30.59
April - June.....	68.2	9,521	.32	1.50	163.3	31.10
July - September.....	219.9	9,736	.35	1.20	163.3	31.80
October - December.....	234.3	9,649	.34	1.43	163.3	31.52
Total	741.3	9,614	.35	1.44	162.7	31.29
1998						
January - March.....	73.8	9,507	.38	1.10	163.3	31.05
April - June.....	223.5	9,623	.21	1.13	157.9	30.38
July - September.....	151.0	9,419	.14	1.05	155.0	29.20
October - December.....	148.6	9,454	.20	1.05	154.8	29.27
Total	597.0	9,515	.21	1.09	157.1	29.89
Venezuela						
1993.....	61.4	11,056	1.48	9.78	220.7	48.80
1997						
October - December.....	58.6	12,953	1.47	3.50	130.2	33.73
Total	58.6	12,953	1.47	3.50	130.2	33.73
Company and Plant: United Illuminating Co, Bridgeport Harbor						
Venezuela						
1996.....	28.0	13,174	0.61	4.10	185.0	48.74
1997						
July - September.....	35.0	13,387	.64	4.30	169.6	45.41
Total	35.0	13,387	.64	4.30	169.6	45.41
1998						
April - June.....	36.0	13,677	.58	4.00	161.6	44.20
October - December.....	70.0	12,780	.61	6.22	176.2	45.03
Total	106.0	13,084	.60	5.47	171.0	44.75
Total of U.S. Electric Utility Plants						
Canada						
1992.....	48.1	12,432	1.09	6.72	185.1	46.01
1993.....	29.2	10,036	.48	12.60	179.5	36.03
1994.....	63.3	10,885	.26	10.53	152.4	33.19
1995.....	23.8	10,066	.47	13.14	166.0	33.42
1996.....	18.0	9,861	.44	12.97	174.6	34.44
1997						
January - March.....	4.4	9,979	.36	12.97	172.0	34.33
July - September.....	5.2	10,283	.48	11.65	171.0	35.17
Total	9.6	10,144	.43	12.25	171.4	34.79
Colombia						
1992.....	1,504.1	11,938	.70	6.91	150.9	36.04
1993.....	3,585.1	11,867	.66	6.85	149.0	35.37
1994.....	2,971.8	11,997	.66	6.76	142.7	34.25

See footnotes at the end of Table A6.

Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1992-1998 (Continued)

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Total of U.S. Electric Utility Plants						
Colombia						
1995.....	2,040.1	11,985	0.65	6.83	153.9	36.89
1996.....	2,079.9	11,883	.64	7.04	155.7	37.01
1997						
January - March.....	336.6	11,964	.68	6.72	167.7	40.12
April - June.....	738.9	11,947	.68	6.94	152.1	36.35
July - September.....	907.5	12,077	.79	6.54	158.8	38.36
October - December.....	761.4	12,070	.61	6.68	161.2	38.90
Total.....	2,744.4	12,026	.70	6.71	158.8	38.18
1998						
January - March.....	680.8	12,049	.63	6.61	160.8	38.74
April - June.....	523.1	11,996	.61	6.18	153.2	36.75
July - September.....	607.3	12,060	.66	6.22	153.5	37.01
October - December.....	718.8	11,911	.68	6.52	142.8	34.02
Total.....	2,530.1	12,002	.65	6.40	152.4	36.57
Indonesia						
1992.....	13.1	9,587	.14	1.20	166.9	32.00
1993.....	115.8	10,620	.22	2.07	166.1	35.29
1994.....	437.3	10,499	.22	1.82	157.4	33.06
1995.....	428.6	10,181	.35	1.79	149.2	30.37
1996.....	833.7	9,741	.31	1.68	150.2	29.26
1997						
January - March.....	218.8	9,482	.37	1.67	161.3	30.59
April - June.....	68.2	9,521	.32	1.50	163.3	31.10
July - September.....	219.9	9,736	.35	1.20	163.3	31.80
October - December.....	275.0	10,042	.36	1.89	168.3	33.80
Total.....	782.0	9,754	.36	1.60	164.6	32.10
1998						
January - March.....	73.8	9,507	.38	1.10	163.3	31.05
April - June.....	223.5	9,623	.21	1.13	157.9	30.38
July - September.....	226.0	9,478	.12	.88	175.0	33.16
October - December.....	376.2	9,450	.13	1.00	169.2	31.98
Total.....	899.5	9,505	.17	1.01	167.3	31.80
South Africa						
1994.....	127.3	11,318	.65	12.60	181.1	41.00
Venezuela						
1992.....	240.6	13,206	.69	7.18	164.6	43.49
1993.....	897.5	12,874	.67	6.96	166.4	42.84
1994.....	1,355.2	12,649	.76	6.61	172.3	43.60
1995.....	1,905.7	12,610	.79	6.57	194.1	48.95
1996.....	1,767.6	12,686	.77	6.14	171.7	43.58
1997						
January - March.....	164.2	12,530	.93	7.41	161.8	40.55
April - June.....	331.7	12,851	.84	6.16	161.7	41.56
July - September.....	478.9	12,616	.80	6.41	159.3	40.21
October - December.....	360.2	12,830	.82	6.12	153.7	39.43
Total.....	1,335.1	12,722	.83	6.40	158.7	40.38
1998						
January - March.....	611.0	13,112	.66	6.29	158.6	41.59
April - June.....	459.7	12,849	.83	6.75	154.2	39.63
July - September.....	719.1	12,741	.75	6.75	155.2	39.56
October - December.....	413.1	12,739	.69	6.75	158.9	40.49
Total.....	2,202.9	12,866	.73	6.62	156.7	40.31

¹ Data reported on quality of coal as received.

² Coal delivered to Tampa Electric (New Orleans) is ultimately shipped to Tampa Electric Bend and Gannon plants incurring an additional transportation cost.

Note: Total may not equal sum of components because of independent rounding.

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

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Baltimore Gas and Electric, Brandon Shores						
1992						
Kentucky	215.0	12,922	0.73	7.38	154.9	40.04
West Virginia	2,318.0	12,692	.68	9.92	153.4	38.93
Total	2,533.0	12,711	.68	9.70	153.5	39.03
1993						
Kentucky	841.0	12,940	.70	7.64	158.0	40.89
West Virginia	1,583.0	12,700	.67	9.65	154.4	39.21
Colombia	224.0	12,354	.64	6.32	149.8	37.02
Total	2,648.0	12,747	.68	8.73	155.2	39.56
1994						
Kentucky	664.0	12,992	.72	7.72	156.5	40.66
Virginia	1.0	12,354	.74	9.30	147.2	36.37
West Virginia	2,728.0	12,496	.67	10.90	148.9	37.21
Colombia	88.0	12,379	.66	7.36	147.3	36.46
Total	3,481.0	12,587	.68	10.20	150.3	37.85
1995						
Kentucky	667.0	13,241	.73	6.41	152.5	40.39
West Virginia	2,787.0	12,457	.68	11.05	146.2	36.42
Total	3,454.0	12,608	.69	10.15	147.5	37.19
1996						
Kentucky	611.0	13,080	.74	7.09	150.9	39.48
West Virginia	3,254.0	12,437	.68	11.34	142.2	35.37
Total	3,865.0	12,539	.69	10.66	143.6	36.02
1997						
Kentucky	485.0	13,051	.75	6.84	147.3	38.45
West Virginia	2,871.0	12,512	.67	11.37	140.9	35.27
Total	3,356.0	12,590	.68	10.71	141.9	35.73
1998						
January - March						
Kentucky	115.0	12,963	.76	7.26	146.0	37.86
West Virginia	694.0	12,461	.69	11.52	138.3	34.46
Total	809.0	12,532	.70	10.92	139.4	34.94
April - June						
Kentucky	144.0	13,142	.75	6.12	146.4	38.49
West Virginia	701.0	12,488	.69	11.47	138.6	34.62
Total	845.0	12,600	.70	10.55	140.0	35.28
July - September						
Kentucky	111.0	13,165	.74	6.19	145.2	38.23
West Virginia	648.0	12,594	.69	11.51	139.1	35.03
Total	759.0	12,678	.70	10.73	140.0	35.50
October - December						
Kentucky	115.0	13,173	.77	6.63	145.8	38.42
West Virginia	727.0	12,569	.71	11.55	139.2	35.00
Total	842.0	12,651	.72	10.88	140.2	35.46
Year to Date						
Kentucky	485.0	13,112	.76	6.52	145.9	38.26
West Virginia	2,770.0	12,527	.70	11.51	138.8	34.77
Total	3,255.0	12,614	.70	10.77	139.9	35.29
Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2						
1992						
Wyoming	5,343.7	8,368	0.46	5.30	147.5	24.69
Total	5,343.7	8,368	.46	5.30	147.5	24.69
1993						
Wyoming	5,701.1	8,332	.43	5.27	151.9	25.31
Total	5,701.1	8,332	.43	5.27	151.9	25.31
1994						
Colorado	37.4	11,957	.45	8.01	156.4	37.40
Wyoming	5,588.0	8,442	.36	4.93	152.2	25.70
Indonesia	169.2	9,702	.10	1.20	166.8	32.36
Total	5,794.6	8,502	.35	4.84	152.8	25.97
1995						
Wyoming	5,844.5	8,469	.35	4.99	157.6	26.69
Total	5,844.5	8,469	.35	4.99	157.6	26.69

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2						
1996						
Wyoming.....	5,394.2	8,500	0.41	5.18	161.1	27.38
Total	5,394.2	8,500	.41	5.18	161.1	27.38
1997						
Wyoming.....	5,762.0	8,467	.45	5.27	154.9	26.23
Total	5,762.0	8,467	.45	5.27	154.9	26.23
1998						
January - March						
Wyoming.....	1,545.8	8,457	.44	5.34	145.2	24.56
Total	1,545.8	8,457	.44	5.34	145.2	24.56
April - June						
Wyoming.....	1,353.5	8,442	.45	5.38	147.1	24.84
Total	1,353.5	8,442	.45	5.38	147.1	24.84
July - September						
Colorado.....	41.8	11,156	.49	9.67	152.7	34.07
Wyoming.....	1,866.2	8,449	.44	5.33	145.5	24.58
Indonesia.....	75.0	9,596	.09	.53	214.4	41.15
Total	1,983.0	8,549	.43	5.24	148.6	25.41
October - December						
Colorado.....	10.2	11,376	.43	9.94	152.2	34.63
Wyoming.....	1,610.3	8,383	.46	5.48	146.1	24.49
Indonesia.....	227.6	9,448	.09	.97	178.6	33.75
Total	1,848.1	8,530	.41	4.95	150.6	25.69
Year to Date						
Colorado.....	52.1	11,199	.48	9.73	152.6	34.18
Wyoming.....	6,375.8	8,432	.45	5.38	145.9	24.61
Indonesia.....	302.5	9,485	.09	.86	187.6	35.58
Total	6,730.5	8,501	.43	5.21	148.1	25.18
Company and Plant: Carolina Power and Light, Sutton						
1992						
Kentucky.....	434.3	12,498	0.94	9.57	152.9	38.22
West Virginia.....	332.4	12,354	.90	11.40	157.9	39.02
Total	766.7	12,436	.93	10.36	155.1	38.57
1993						
Kentucky.....	542.1	12,601	1.00	9.14	157.9	39.79
Virginia.....	44.9	12,693	1.13	10.10	177.5	45.06
West Virginia.....	36.5	12,301	.77	10.12	177.3	43.61
Total	623.5	12,590	1.00	9.27	160.4	40.39
1994						
Kentucky.....	373.4	12,646	1.12	9.29	159.5	40.34
Virginia.....	10.0	12,866	1.09	9.06	174.2	44.81
West Virginia.....	161.7	12,458	.88	11.77	170.7	42.54
Colombia.....	26.6	12,200	.70	9.00	145.5	35.50
Total	571.7	12,576	1.03	9.97	162.3	40.82
1995						
Kentucky.....	495.6	12,584	1.00	9.14	150.7	37.93
West Virginia.....	132.3	12,703	.91	9.82	164.4	41.78
Total	627.9	12,609	.98	9.29	153.6	38.74
1996						
Kentucky.....	936.3	12,293	1.01	10.60	150.8	37.07
West Virginia.....	122.2	12,729	.92	10.02	170.6	43.44
Total	1,058.5	12,343	1.00	10.53	153.1	37.80
1997						
Kentucky.....	675.9	12,404	1.10	10.69	145.3	36.05
West Virginia.....	114.0	12,881	.95	9.58	170.9	44.01
Total	789.9	12,473	1.08	10.53	149.1	37.20
1998						
January - March						
Kentucky.....	306.3	12,382	1.06	10.23	144.9	35.88
West Virginia.....	42.2	12,594	.94	9.88	160.5	40.42
Total	348.5	12,407	1.05	10.19	146.8	36.43
April - June						
Kentucky.....	186.7	12,421	1.00	10.29	142.7	35.45
West Virginia.....	51.5	12,818	.89	9.65	160.2	41.07
Total	238.2	12,507	.97	10.15	146.6	36.66

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Carolina Power and Light, Sutton						
1998						
July - September						
Kentucky.....	200.4	12,490	1.04	10.52	145.2	36.28
West Virginia.....	196.0	12,515	.87	12.02	161.1	40.32
Total.....	396.4	12,502	.96	11.26	153.1	38.28
October - December						
Kentucky.....	122.7	12,334	1.05	11.45	142.9	35.25
West Virginia.....	199.8	12,607	.95	11.87	148.4	37.42
Total.....	322.5	12,503	.99	11.71	146.4	36.60
Year to Date						
Kentucky.....	816.1	12,410	1.04	10.50	144.2	35.78
West Virginia.....	489.5	12,591	.91	11.52	155.8	39.23
Total.....	1,305.6	12,478	.99	10.88	148.6	37.07
Company and Plant: Central Hudson Gas & Electric, Danskammer						
1992						
Kentucky.....	61.5	12,983	0.64	6.62	185.4	48.13
West Virginia.....	819.9	13,021	.59	7.56	181.8	47.35
Total.....	881.4	13,018	.59	7.50	182.1	47.40
1993						
West Virginia.....	693.0	13,097	.62	7.55	184.7	48.38
Total.....	693.0	13,097	.62	7.55	184.7	48.38
1994						
Kentucky.....	348.6	12,963	.58	7.93	188.7	48.93
West Virginia.....	419.7	13,185	.66	7.54	192.5	50.76
Total.....	768.2	13,084	.62	7.72	190.8	49.93
1995						
Kentucky.....	308.8	12,859	.59	8.29	193.4	49.74
West Virginia.....	292.5	13,112	.67	7.87	198.7	52.11
Venezuela.....	28.2	13,281	.56	7.30	224.1	59.53
Total.....	629.5	12,995	.62	8.05	197.3	51.28
1996						
Kentucky.....	462.4	12,822	.65	8.55	193.2	49.55
West Virginia.....	351.4	13,061	.68	7.86	200.5	52.38
Total.....	813.8	12,925	.66	8.25	196.4	50.77
1997						
Kentucky.....	72.3	12,933	.66	8.45	180.2	46.62
West Virginia.....	246.2	13,191	.62	7.78	177.0	46.70
Colombia.....	147.0	13,032	.65	7.17	171.3	44.64
Venezuela.....	350.4	13,172	.65	6.40	173.1	45.61
Total.....	815.9	13,131	.64	7.14	174.6	45.85
1998						
January - March						
Kentucky.....	77.5	12,955	.69	8.38	174.1	45.10
West Virginia.....	9.7	12,979	.65	8.50	173.3	44.99
Colombia.....	34.8	13,309	.62	7.38	169.8	45.20
Venezuela.....	122.6	13,311	.59	7.02	169.8	45.21
Total.....	244.6	13,185	.63	7.56	171.3	45.16
April - June						
Kentucky.....	116.2	12,971	.65	8.42	170.8	44.30
West Virginia.....	10.2	12,704	.69	10.95	166.6	42.33
Venezuela.....	104.9	13,184	.65	7.70	170.0	44.82
Total.....	231.3	13,055	.65	8.21	170.2	44.45
July - September						
Kentucky.....	89.7	12,876	.66	8.47	161.8	41.67
Venezuela.....	182.9	12,953	.62	7.16	166.7	43.20
Total.....	272.6	12,927	.63	7.59	165.1	42.70
October - December						
Kentucky.....	93.5	12,915	.67	8.23	169.7	43.82
Venezuela.....	148.4	12,879	.66	6.51	163.2	42.02
Total.....	241.9	12,893	.66	7.18	165.7	42.72
Year to Date						
Kentucky.....	376.9	12,931	.66	8.38	169.1	43.72
West Virginia.....	19.9	12,838	.67	9.76	169.9	43.62
Colombia.....	34.8	13,309	.62	7.38	169.8	45.20
Venezuela.....	558.8	13,055	.63	7.06	167.1	43.63
Total.....	990.4	13,012	.64	7.63	168.0	43.72

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: City Public Service, San Antonio JT Deely/Spruce						
1992						
Wyoming.....	3,542.9	8,489	0.33	5.43	127.9	21.72
Total	3,542.9	8,489	.33	5.43	127.9	21.72
1993						
Wyoming.....	5,286.0	8,423	.33	5.22	118.2	19.92
Total	5,286.0	8,423	.33	5.22	118.2	19.92
1994						
Wyoming.....	4,606.0	8,406	.34	5.42	112.9	18.98
Total	4,606.0	8,406	.34	5.42	112.9	18.98
1995						
Colorado.....	22.0	10,536	.41	5.20	129.5	27.29
Texas.....	40.0	10,540	1.03	21.69	120.2	25.33
Wyoming.....	5,284.0	8,393	.36	5.71	111.1	18.66
Total	5,346.0	8,418	.36	5.83	111.3	18.74
1996						
Colorado.....	11.0	10,751	.59	5.10	131.2	28.21
Wyoming.....	5,488.0	8,333	.35	6.11	101.8	16.96
Total	5,499.0	8,338	.35	6.11	101.9	16.99
1997						
Wyoming.....	4,781.0	8,350	.36	6.00	97.2	16.23
Colombia.....	73.0	11,603	.34	3.89	176.9	41.06
Total	4,854.0	8,399	.36	5.96	98.9	16.61
1998						
January - March						
Wyoming.....	1,160.0	8,348	.35	5.98	98.2	16.40
Colombia.....	24.0	11,600	.33	3.80	200.6	46.54
Total	1,184.0	8,414	.35	5.93	101.1	17.01
April - June						
Wyoming.....	1,290.0	8,361	.35	6.12	99.7	16.67
Venezuela.....	9.0	12,855	.70	6.00	185.8	47.77
Total	1,299.0	8,392	.35	6.12	100.6	16.88
July - September						
Wyoming.....	1,684.0	8,387	.33	5.84	97.0	16.27
Venezuela.....	34.0	12,000	.70	6.00	185.6	44.55
Total	1,718.0	8,459	.34	5.84	99.5	16.83
October - December						
Wyoming.....	1,261.0	8,382	.34	5.92	93.6	15.69
Total	1,261.0	8,382	.34	5.92	93.6	15.69
Year to Date						
Wyoming.....	5,395.0	8,371	.34	5.95	97.1	16.26
Colombia.....	24.0	11,600	.33	3.80	200.6	46.54
Venezuela.....	43.0	12,179	.70	6.00	185.7	45.22
Total	5,462.0	8,415	.34	5.94	98.7	16.62
Company and Plant: Central Power and Light (CSW), Coletto Creek						
1992						
Colorado.....	1,780.7	10,885	0.39	6.32	205.0	44.63
Colombia.....	37.2	12,892	.62	7.90	174.5	44.99
Venezuela.....	42.5	13,214	.66	7.20	175.8	46.46
Total	1,860.4	10,978	.40	6.37	203.5	44.68
1993						
Colorado.....	1,778.0	10,577	.40	6.61	203.1	42.96
Colombia.....	122.5	12,109	.60	5.90	148.5	35.98
Total	1,900.5	10,676	.41	6.56	199.1	42.51
1994						
Colorado.....	1,664.9	10,760	.41	6.77	199.7	42.98
Colombia.....	153.4	11,929	.55	5.03	148.9	35.51
Total	1,818.3	10,858	.42	6.63	195.0	42.35
1995						
Colorado.....	1,724.7	11,092	.42	6.92	169.2	37.53
Wyoming.....	119.4	8,764	.34	5.20	163.5	28.66
Total	1,844.1	10,941	.41	6.81	168.9	36.95
1996						
Colorado.....	1,823.5	10,482	.39	5.77	133.8	28.06
Wyoming.....	188.0	8,492	.31	5.73	142.9	24.27
Total	2,011.6	10,296	.38	5.77	134.5	27.70

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Central Power and Light (CSW), Coletto Creek						
1997						
Colorado.....	1,517.0	10,281	0.38	6.10	135.3	27.83
Wyoming.....	252.4	8,713	.47	5.12	134.4	23.41
Colombia.....	26.0	11,665	.47	6.00	173.2	40.41
Total	1,795.4	10,081	.40	5.96	135.9	27.39
1998						
January - March						
Colorado	376.4	10,469	.35	5.80	140.8	29.49
Wyoming.....	172.5	8,735	.41	5.22	131.3	22.94
Total	549.0	9,924	.37	5.62	138.2	27.43
April - June						
Colorado	248.2	10,472	.36	5.50	139.8	29.28
Wyoming.....	287.8	8,681	.21	4.43	130.3	22.63
Colombia.....	23.7	12,760	.66	6.60	188.3	48.05
Total	559.7	9,648	.30	4.99	138.1	26.65
July - September						
Colorado	431.7	10,370	.40	6.00	131.0	27.16
Wyoming.....	299.5	8,739	.38	4.96	130.9	22.89
Colombia.....	36.4	12,760	.66	6.60	159.8	40.78
Total	767.6	9,847	.41	5.63	132.7	26.14
October - December						
Colorado	293.1	10,772	.42	6.95	161.0	34.69
Wyoming.....	286.8	8,520	.33	5.19	131.9	22.48
Venezuela	42.5	12,344	.73	9.20	164.8	40.69
Total	622.4	9,842	.40	6.29	149.7	29.47
Year to Date						
Colorado	1,349.3	10,504	.39	6.06	142.0	29.84
Wyoming.....	1,046.6	8,662	.33	4.92	131.1	22.71
Colombia.....	60.1	12,760	.66	6.60	171.0	43.65
Venezuela	42.5	12,344	.73	9.20	164.8	40.69
Total	2,498.6	9,818	.37	5.65	139.4	27.37
Company and Plant: Delmarva Power & Light, Edgemoor						
1992						
Virginia.....	90.2	13,101	0.82	8.68	201.3	52.74
West Virginia.....	463.8	13,101	.79	8.64	180.0	47.16
Total	554.0	13,101	.80	8.65	183.4	48.06
1993						
Virginia.....	192.3	13,209	.86	8.00	200.3	52.90
West Virginia.....	250.2	13,171	.81	8.63	178.0	46.88
Total	442.5	13,188	.83	8.36	187.7	49.50
1994						
Kentucky.....	7.0	12,991	.57	6.53	165.3	42.95
Maryland.....	13.3	13,070	.74	6.23	168.2	43.97
Virginia.....	28.6	12,995	.88	8.72	164.7	42.80
West Virginia.....	604.3	13,074	.79	8.74	157.9	41.29
Colombia.....	22.0	12,370	.58	5.98	168.2	41.61
Total	675.2	13,046	.78	8.58	158.8	41.44
1995						
Maryland.....	37.9	12,867	.76	9.73	161.6	41.59
Pennsylvania.....	.6	12,431	.82	10.42	154.7	38.46
West Virginia.....	432.6	12,988	.78	9.04	162.9	42.31
Total	471.1	12,978	.78	9.10	162.8	42.25
1996						
Maryland.....	14.7	12,868	.69	10.30	161.0	41.43
Pennsylvania.....	.1	12,559	.82	10.42	153.1	38.46
West Virginia.....	487.3	12,887	.77	9.67	160.2	41.28
Total	502.0	12,886	.76	9.69	160.2	41.29
1997						
Pennsylvania.....	18.3	10,772	.58	11.12	151.2	32.57
Virginia.....	187.5	13,211	.85	8.98	156.7	41.40
West Virginia.....	299.3	12,796	.76	10.25	161.5	41.34
Total	505.2	12,877	.79	9.81	159.4	41.05
1998						
January - March						
Kentucky.....	10.7	12,935	.79	6.40	163.8	42.38
Pennsylvania.....	3.4	10,573	.66	9.97	150.3	31.79

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Delmarva Power & Light, Edgemoor						
1998						
January - March						
Virginia.....	8.6	13,159	0.83	8.30	158.1	41.61
West Virginia.....	115.5	12,648	.73	10.38	160.5	40.60
Total.....	138.1	12,651	.74	9.93	160.4	40.58
April - June						
Pennsylvania.....	2.0	10,798	.58	10.00	151.3	32.67
West Virginia.....	91.3	12,663	.70	10.85	159.6	40.42
Total.....	93.3	12,623	.69	10.84	159.4	40.25
July - September						
Kentucky.....	18.9	12,863	.79	6.70	162.3	41.75
Pennsylvania.....	4.1	10,732	.69	11.16	151.0	32.41
West Virginia.....	159.2	12,680	.74	10.49	157.4	39.92
Total.....	182.2	12,656	.75	10.11	157.8	39.94
October - December						
West Virginia.....	124.2	12,747	.73	10.44	158.5	40.40
Total.....	124.2	12,747	.73	10.44	158.5	40.40
Year to Date						
Kentucky.....	29.6	12,889	.79	6.59	162.8	41.98
Pennsylvania.....	9.5	10,689	.66	10.49	150.8	32.25
Virginia.....	8.6	13,159	.83	8.30	158.1	41.61
West Virginia.....	490.1	12,686	.73	10.52	158.8	40.29
Total.....	537.7	12,670	.73	10.27	158.9	40.27
Company and Plant: Delmarva Power and Light, Indian River						
1992						
Pennsylvania.....	137.4	13,104	1.40	9.31	177.9	46.62
West Virginia.....	840.2	13,034	1.12	8.88	166.1	43.29
Total.....	977.6	13,044	1.16	8.94	167.7	43.76
1993						
Maryland.....	45.1	12,966	1.29	9.49	160.4	41.59
Pennsylvania.....	216.3	12,971	1.32	9.58	164.2	42.60
Virginia.....	14.0	13,273	.77	6.90	188.2	49.96
West Virginia.....	1,290.6	12,980	.90	9.25	163.3	42.40
Total.....	1,565.9	12,981	.97	9.28	163.6	42.48
1994						
Kentucky.....	29.4	12,899	.59	6.90	179.3	46.25
Maryland.....	125.0	13,164	1.44	10.23	147.9	38.95
Pennsylvania.....	251.2	13,004	1.29	8.96	161.1	41.89
Virginia.....	56.5	13,125	.76	7.30	180.8	47.45
West Virginia.....	1,146.2	12,858	.88	9.45	164.4	42.27
Total.....	1,608.3	12,915	.98	9.31	163.4	42.21
1995						
Maryland.....	227.9	13,155	1.38	9.89	149.3	39.29
Pennsylvania.....	352.3	13,227	1.44	6.90	148.8	39.37
Virginia.....	23.2	13,382	1.46	6.53	143.0	38.28
West Virginia.....	638.7	13,050	.76	8.71	172.6	45.04
Colombia.....	7.1	13,141	.75	7.07	180.3	47.39
Total.....	1,249.2	13,126	1.08	8.36	161.1	42.28
1996						
Maryland.....	262.5	13,158	1.41	9.26	149.7	39.38
Pennsylvania.....	390.6	13,271	1.44	6.73	146.3	38.84
West Virginia.....	589.8	12,907	.76	8.99	172.1	44.42
Total.....	1,242.9	13,074	1.11	8.33	159.1	41.60
1997						
Maryland.....	160.8	13,158	1.46	9.17	147.8	38.89
Pennsylvania.....	482.5	13,275	1.39	7.22	141.3	37.52
West Virginia.....	533.9	13,017	.70	8.70	172.5	44.90
Total.....	1,177.1	13,142	1.08	8.16	156.2	41.05
1998						
January - March						
Kentucky.....	10.5	13,058	.58	6.50	181.5	47.40
Maryland.....	7.1	13,367	1.56	9.00	146.1	39.06
Pennsylvania.....	180.4	13,180	1.39	7.29	142.6	37.58
Virginia.....	19.3	13,304	.80	7.68	178.0	47.35
West Virginia.....	46.3	12,615	.67	10.48	172.4	43.49
Total.....	263.5	13,090	1.19	7.90	151.9	39.76

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Delmarva Power and Light, Indian River						
1998						
April - June						
Kentucky.....	32.8	12,684	0.62	6.40	178.1	45.17
Maryland.....	49.5	13,028	1.46	8.56	146.3	38.13
Pennsylvania.....	54.0	13,155	1.36	6.79	142.2	37.40
Virginia.....	37.4	13,700	.84	5.84	177.9	48.75
West Virginia.....	61.6	12,436	.66	11.90	165.8	41.23
Total.....	235.2	12,961	1.01	8.29	159.9	41.44
July - September						
Kentucky.....	19.4	12,897	.68	6.70	171.5	44.24
Maryland.....	61.1	13,234	1.46	8.94	146.3	38.73
Pennsylvania.....	146.2	13,283	1.31	7.07	142.0	37.73
Virginia.....	45.0	13,796	.78	5.63	176.9	48.80
West Virginia.....	175.4	12,696	.70	11.25	167.5	42.52
Total.....	447.0	13,081	1.01	8.80	157.3	41.15
October - December						
Maryland.....	52.3	13,371	1.49	9.19	146.3	39.12
Pennsylvania.....	132.9	13,279	1.32	6.71	141.9	37.69
Virginia.....	34.9	13,686	.77	5.73	178.6	48.90
West Virginia.....	40.4	12,490	.69	12.75	161.7	40.39
Total.....	260.5	13,230	1.18	8.02	150.8	39.89
Year to Date						
Kentucky.....	62.6	12,812	.63	6.51	176.6	45.26
Maryland.....	170.1	13,222	1.47	8.91	146.3	38.69
Pennsylvania.....	513.4	13,233	1.35	7.03	142.2	37.63
Virginia.....	136.5	13,672	.79	6.00	177.8	48.61
West Virginia.....	323.6	12,609	.68	11.45	167.1	42.15
Total.....	1,206.2	13,092	1.09	8.34	155.2	40.63
Company and Plant: Detroit Edison Co, River Rouge						
1992						
Kentucky.....	62.0	12,795	0.80	8.07	194.5	49.77
West Virginia.....	697.0	12,570	.68	11.04	156.1	39.24
Wyoming.....	209.0	8,720	.24	4.80	105.3	18.37
Total.....	968.0	11,753	.59	9.50	150.6	35.41
1993						
Colorado.....	11.0	11,620	.53	8.80	147.6	34.30
Kentucky.....	359.0	12,638	.87	8.49	175.7	44.42
Virginia.....	10.0	13,583	.81	5.40	200.3	54.41
West Virginia.....	479.0	12,457	.72	11.64	155.2	38.67
Wyoming.....	399.0	8,752	.25	4.91	104.0	18.21
Total.....	1,258.0	11,335	.61	8.53	149.6	33.91
1994						
Colorado.....	21.0	11,838	.48	8.38	146.2	34.61
Kentucky.....	246.0	12,658	.81	8.22	178.4	45.17
West Virginia.....	630.0	12,446	.72	11.76	161.8	40.28
Wyoming.....	317.0	8,784	.27	5.09	106.1	18.64
Canada.....	57.0	11,005	.23	10.28	149.9	32.99
Total.....	1,271.0	11,499	.60	9.29	154.0	35.41
1995						
Colorado.....	44.0	11,818	.48	8.10	149.3	35.29
Kentucky.....	220.0	12,840	.72	7.59	170.2	43.70
West Virginia.....	412.0	12,292	.78	12.35	154.3	37.93
Wyoming.....	614.0	8,766	.26	5.11	105.6	18.51
Total.....	1,290.0	10,691	.51	7.95	138.4	29.58
1996						
Kentucky.....	351.0	12,742	.82	8.24	159.6	40.67
West Virginia.....	332.0	12,176	.85	13.10	141.2	34.40
Wyoming.....	638.0	8,783	.26	4.94	104.4	18.34
Total.....	1,321.0	10,688	.56	7.87	132.4	28.31
1997						
Kentucky.....	347.0	12,800	.83	8.49	144.6	37.03
Pennsylvania.....	20.0	13,246	1.56	6.60	123.3	32.66
West Virginia.....	342.0	12,199	.85	12.62	142.9	34.86
Wyoming.....	675.0	8,789	.30	5.01	102.9	18.09
Total.....	1,384.0	10,702	.59	7.79	127.1	27.19

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Detroit Edison Co, River Rouge						
1998						
January - March						
Kentucky.....	47.0	12,930	0.83	8.51	138.7	35.88
West Virginia.....	125.0	13,038	.74	8.32	141.3	36.85
Wyoming.....	151.0	8,788	.29	5.17	97.6	17.16
Total.....	323.0	11,035	.54	6.87	124.6	27.51
April - June						
Kentucky.....	116.0	13,202	.86	8.37	140.0	36.96
West Virginia.....	84.0	12,995	.69	8.71	141.7	36.84
Wyoming.....	234.0	8,741	.32	5.19	93.8	16.39
Total.....	434.0	10,757	.54	6.72	120.1	25.85
July - September						
Kentucky.....	83.0	12,779	.80	9.10	141.8	36.23
Pennsylvania.....	35.0	13,083	1.51	6.77	126.5	33.09
West Virginia.....	78.0	13,020	.74	8.36	141.9	36.94
Wyoming.....	254.0	8,748	.34	5.15	94.2	16.48
Total.....	450.0	10,569	.59	6.56	118.1	24.96
October - December						
Pennsylvania.....	163.0	13,136	1.42	6.78	121.9	32.03
Wyoming.....	213.0	8,743	.33	5.08	94.2	16.47
Total.....	376.0	10,647	.80	5.82	109.0	23.21
Year to Date						
Kentucky.....	246.0	13,008	.84	8.64	140.3	36.51
Pennsylvania.....	198.0	13,127	1.44	6.78	122.7	32.21
West Virginia.....	287.0	13,020	.73	8.44	141.6	36.87
Wyoming.....	852.0	8,752	.32	5.15	94.7	16.57
Total.....	1,583.0	10,734	.62	6.49	117.9	25.31
Company and Plant: Florida Power Corp, IMT Transfer						
1992						
Kentucky.....	1,183.1	12,423	0.86	8.98	170.0	42.23
West Virginia.....	195.7	12,633	.80	9.90	167.1	42.23
Total.....	1,378.8	12,452	.85	9.11	169.6	42.23
1993						
Kentucky.....	612.5	12,469	.86	9.30	167.3	41.72
West Virginia.....	383.9	12,568	.69	9.19	168.6	42.38
Total.....	996.4	12,507	.79	9.26	167.8	41.98
1994						
Kentucky.....	677.2	12,429	.83	9.69	181.1	45.01
West Virginia.....	658.5	12,552	.71	9.50	173.0	43.43
Venezuela.....	84.4	12,778	.64	6.50	156.3	39.93
Total.....	1,420.1	12,507	.77	9.41	175.8	43.97
1995						
Kentucky.....	739.7	12,496	.75	9.01	170.4	42.59
West Virginia.....	546.2	12,502	.75	9.48	173.9	43.48
Total.....	1,285.8	12,498	.75	9.21	171.9	42.97
1996						
Kentucky.....	985.4	12,582	.68	8.63	166.8	41.96
West Virginia.....	969.8	12,571	.70	9.94	174.9	43.97
Total.....	1,955.2	12,576	.69	9.28	170.8	42.96
1997						
Colorado.....	14.4	11,131	.60	7.74	182.5	40.63
Kentucky.....	813.0	12,461	.66	9.19	166.8	41.57
West Virginia.....	1,182.1	12,588	.70	10.23	177.5	44.68
Total.....	2,009.6	12,526	.68	9.79	173.2	43.39
1998						
January - March						
Kentucky.....	269.5	12,651	.66	8.89	170.5	43.14
West Virginia.....	191.1	12,469	.70	10.29	173.5	43.27
Venezuela.....	61.2	12,976	.71	5.58	176.5	45.81
Total.....	521.8	12,623	.68	9.01	172.3	43.50
April - June						
Kentucky.....	222.4	12,564	.67	9.33	163.7	41.14
West Virginia.....	256.5	12,389	.71	10.25	171.0	42.37
Venezuela.....	18.5	12,940	.79	5.97	135.2	34.98
Total.....	497.4	12,488	.69	9.68	166.3	41.55

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Florida Power Corp, IMT Transfer						
1998						
July - September						
Kentucky.....	193.8	12,654	0.69	9.24	168.7	42.69
West Virginia.....	372.1	12,438	.68	10.31	175.5	43.65
Total.....	565.9	12,512	.68	9.94	173.1	43.32
October - December						
Kentucky.....	153.0	12,556	.70	9.20	176.0	44.19
West Virginia.....	320.7	12,438	.71	10.34	177.5	44.15
Total.....	473.7	12,476	.70	9.97	177.0	44.16
Year to Date						
Kentucky.....	838.6	12,611	.67	9.14	169.3	42.70
West Virginia.....	1,140.4	12,432	.70	10.30	174.7	43.44
Venezuela.....	79.8	12,968	.73	5.67	166.9	43.30
Total.....	2,058.8	12,526	.69	9.65	172.2	43.13
Company and Plant: Gulf Power, Crist						
1992						
Alabama.....	71.9	12,060	2.75	12.94	120.6	29.09
Illinois.....	1,779.8	11,926	2.70	8.37	180.8	43.12
Kentucky.....	225.8	12,062	2.73	8.38	121.4	29.28
Total.....	2,077.5	11,945	2.71	8.53	172.2	41.13
1993						
Alabama.....	72.3	12,337	2.09	11.73	191.1	47.15
Illinois.....	1,490.3	11,992	2.59	8.15	176.3	42.27
Kentucky.....	55.2	12,127	2.79	9.28	123.6	29.98
West Virginia.....	13.1	13,311	2.14	6.16	209.3	55.73
Colombia.....	280.2	11,983	.59	5.53	188.5	45.18
Venezuela.....	234.8	12,992	.59	6.11	172.2	44.75
Total.....	2,145.9	12,124	2.10	7.72	176.7	42.85
1994						
Alabama.....	1.5	12,241	2.87	10.00	204.1	49.97
Illinois.....	1,568.9	11,887	2.15	7.55	173.1	41.16
West Virginia.....	20.7	13,461	1.08	5.40	185.8	50.02
Colombia.....	29.8	12,239	.59	5.30	160.9	39.38
Venezuela.....	283.4	12,252	1.03	6.28	216.9	53.15
Total.....	1,904.4	11,964	1.95	7.31	179.8	43.02
1995						
Illinois.....	796.8	12,346	.95	6.34	228.4	56.40
Venezuela.....	776.7	12,363	.92	6.29	230.9	57.09
Total.....	1,573.6	12,354	.93	6.31	229.6	56.74
1996						
Illinois.....	1,265.4	12,124	1.10	6.30	223.6	54.21
Venezuela.....	205.9	12,224	.95	5.90	230.6	56.37
Total.....	1,471.4	12,138	1.08	6.25	224.6	54.52
1997						
Alabama.....	171.8	12,080	1.04	12.76	175.1	42.30
Illinois.....	1,064.6	12,016	1.06	6.86	212.8	51.15
Kentucky.....	160.6	12,277	1.14	10.23	203.5	49.98
West Virginia.....	310.8	12,231	.93	12.85	199.2	48.73
Total.....	1,707.8	12,086	1.04	8.86	205.6	49.71
1998						
January - March						
Alabama.....	22.6	11,717	1.21	14.04	187.7	43.98
Illinois.....	345.7	12,162	1.12	6.53	197.7	48.08
West Virginia.....	51.9	12,354	.98	10.05	217.5	53.74
Venezuela.....	54.2	12,741	.74	7.10	148.3	37.79
Total.....	474.4	12,228	1.07	7.34	193.5	47.33
April - June						
Alabama.....	72.6	13,066	.73	8.30	152.5	39.84
Illinois.....	573.2	12,070	1.20	6.74	151.6	36.59
Kentucky.....	33.5	13,021	1.23	6.88	168.3	43.82
West Virginia.....	28.7	12,796	.87	9.75	142.5	36.46
Colombia.....	43.6	12,481	.55	4.50	151.0	37.69
Venezuela.....	52.8	12,441	.88	6.47	146.4	36.42
Total.....	804.4	12,272	1.09	6.86	151.7	37.23

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Gulf Power, Crist						
1998						
July - September						
Alabama	17.5	13,035	0.73	8.30	150.5	39.24
Illinois	324.5	11,987	1.09	6.91	143.7	34.46
Kentucky	43.1	12,858	1.25	8.30	169.2	43.51
West Virginia	54.8	12,712	.91	11.16	139.5	35.48
Colombia	167.3	12,324	.67	5.35	150.0	36.97
Venezuela	4.8	12,789	.75	5.80	143.7	36.76
Total	612.0	12,241	.96	7.00	147.2	36.03
October - December						
Alabama	2.2	13,035	.73	8.30	150.4	39.21
Illinois	460.5	11,960	1.03	6.91	142.4	34.07
Kentucky	6.4	12,858	1.25	8.30	169.1	43.49
West Virginia	1.0	12,871	.84	8.50	140.9	36.27
Colombia	110.5	12,335	.68	5.39	150.8	37.20
Venezuela .....	.6	12,789	.75	5.80	143.7	36.76
Total	581.3	12,048	.96	6.64	144.4	34.80
Year to Date						
Alabama	114.9	12,796	.83	9.43	158.5	40.55
Illinois	1,703.9	12,043	1.12	6.78	157.1	37.83
Kentucky	82.9	12,924	1.24	7.73	168.8	43.64
West Virginia	136.5	12,595	.93	10.42	169.3	42.64
Colombia	321.4	12,349	.65	5.25	150.4	37.15
Venezuela	112.4	12,602	.81	6.74	147.2	37.10
Total	2,472.0	12,203	1.02	6.93	156.9	38.30
Company and Plant: Gulf Power, Scholtz						
1992						
Kentucky	31.7	12,192	3.06	8.84	148.7	36.27
Total	31.7	12,192	3.06	8.84	148.7	36.27
1993						
Illinois	8.2	12,061	2.38	7.60	154.1	37.17
Kentucky	47.9	12,057	3.10	8.74	159.5	38.45
Colombia	7.5	12,170	.62	7.50	164.4	40.01
Venezuela	16.0	12,958	.58	6.10	170.6	44.20
Total	79.6	12,249	2.29	7.98	161.7	39.62
1994						
Kentucky	67.1	11,861	3.09	9.35	168.7	40.03
Total	67.1	11,861	3.09	9.35	168.7	40.03
1995						
Kentucky	60.5	12,585	2.74	8.07	152.1	38.28
Total	60.5	12,585	2.74	8.07	152.1	38.28
1996						
Kentucky	78.7	12,008	3.13	9.52	140.1	33.65
Total	78.7	12,008	3.13	9.52	140.1	33.65
1997						
Kentucky	75.8	12,377	1.94	9.18	167.7	41.50
Total	75.8	12,377	1.94	9.18	167.7	41.50
1998						
January - March						
Kentucky	6.6	12,571	2.90	8.10	165.0	41.48
Total	6.6	12,571	2.90	8.10	165.0	41.48
April - June						
Kentucky	46.7	12,865	1.03	7.41	154.6	39.77
Total	46.7	12,865	1.03	7.41	154.6	39.77
July - September						
Kentucky	68.2	12,814	1.38	9.43	163.1	41.79
Total	68.2	12,814	1.38	9.43	163.1	41.79
October - December						
Kentucky	16.1	12,931	1.36	8.60	166.9	43.15
Total	16.1	12,931	1.36	8.60	166.9	43.15
Year to Date						
Kentucky	137.6	12,833	1.33	8.59	160.7	41.25
Total	137.6	12,833	1.33	8.59	160.7	41.25

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Gulf Power, Smith						
1992						
Illinois	878.5	11,996	2.80	8.46	222.5	53.39
Kentucky	6.3	11,982	2.54	7.10	129.5	31.03
Total	884.8	11,996	2.80	8.45	221.9	53.23
1993						
Illinois	704.8	11,905	2.18	7.96	179.4	42.71
Kentucky	15.9	12,269	2.96	9.45	121.7	29.85
Colombia.....	198.2	11,823	.61	5.96	184.6	43.65
Total	918.9	11,893	1.85	7.55	179.5	42.69
1994						
Illinois	391.8	12,086	2.11	7.93	160.3	38.76
Kentucky	17.7	11,881	3.22	10.78	140.2	33.31
Colombia.....	286.6	12,299	.61	4.17	172.3	42.39
South Africa.....	127.3	11,318	.65	12.60	181.1	41.00
Venezuela.....	53.8	12,272	.96	6.52	229.1	56.24
Total	877.3	12,051	1.36	7.35	171.1	41.23
1995						
Illinois	981.7	11,728	2.26	8.25	143.5	33.67
Venezuela.....	114.6	12,202	1.00	6.52	236.1	57.63
Total	1,096.4	11,777	2.13	8.07	153.6	36.17
1996						
Illinois	710.6	11,792	1.99	7.97	158.1	37.28
Kentucky	285.8	11,895	2.87	7.68	195.0	46.40
Venezuela.....	92.2	12,171	.99	6.03	234.7	57.13
Total	1,088.7	11,851	2.13	7.73	174.5	41.35
1997						
Alabama	190.6	11,712	2.92	13.90	179.6	42.08
Illinois	289.4	12,019	2.04	7.44	203.7	48.97
Kentucky	460.6	12,021	2.87	9.56	183.7	44.16
Total	940.6	11,958	2.62	9.78	189.1	45.22
1998						
January - March						
Alabama	13.8	11,636	2.94	14.81	174.4	40.58
Illinois	67.0	12,431	2.61	8.61	154.9	38.51
Kentucky.....	169.7	11,952	2.60	9.61	162.0	38.74
Total	250.5	12,063	2.62	9.63	160.7	38.78
April - June						
Illinois	59.8	12,657	2.63	8.98	140.4	35.55
Kentucky.....	143.7	11,933	2.75	8.82	139.2	33.22
Total	203.5	12,146	2.72	8.87	139.6	33.90
July - September						
Illinois	54.1	12,311	1.77	7.98	142.1	34.99
Kentucky.....	187.2	11,774	2.72	9.77	131.9	31.06
Total	241.4	11,894	2.51	9.37	134.3	31.94
October - December						
Illinois	131.8	12,504	2.41	9.05	140.2	35.05
Kentucky.....	179.5	11,820	2.63	10.21	133.3	31.51
Total	311.3	12,109	2.54	9.72	136.3	33.01
Year to Date						
Alabama	13.8	11,636	2.94	14.81	174.4	40.58
Illinois	312.7	12,484	2.38	8.76	143.7	35.88
Kentucky.....	680.1	11,864	2.67	9.64	141.4	33.55
Total	1,006.7	12,054	2.59	9.44	142.6	34.37
Company and Plant: Holyoke Water Power (NU), Mount Tom						
1992						
Pennsylvania	354.8	13,234	1.34	6.26	168.2	44.51
West Virginia.....	8.1	12,800	.80	8.50	198.2	50.74
Total	362.9	13,224	1.33	6.31	168.8	44.65
1993						
Kentucky	7.3	13,132	.75	7.50	195.9	51.45
Pennsylvania	299.9	13,201	1.52	6.34	164.7	43.49
West Virginia.....	7.0	13,087	.91	7.60	171.7	44.94
Total	314.2	13,197	1.49	6.39	165.6	43.71

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Holyoke Water Power (NU), Mount Tom						
1994						
Kentucky	47.8	12,884	0.55	7.74	206.0	53.07
Pennsylvania	289.2	13,171	1.48	6.60	156.8	41.31
Indonesia	7.9	12,651	.43	3.30	195.4	49.44
Total	344.9	13,119	1.33	6.68	164.4	43.13
1995						
Kentucky	157.3	13,053	.52	7.40	193.3	50.47
Pennsylvania	212.5	13,227	1.37	7.20	156.9	41.50
Total	369.8	13,153	1.01	7.28	172.3	45.31
1996						
Kentucky	135.8	13,081	.51	7.78	198.3	51.88
Pennsylvania	225.0	13,301	1.38	6.91	159.2	42.35
Virginia	1.9	14,243	.80	5.20	212.3	60.48
West Virginia	8.4	13,227	.64	8.20	189.1	50.02
Total	371.1	13,224	1.04	7.25	174.3	46.10
1997						
Kentucky	126.8	13,006	.55	7.61	203.8	53.01
Pennsylvania	280.1	13,248	1.38	7.15	165.9	43.96
West Virginia	42.1	13,168	.61	7.66	194.8	51.30
Total	449.1	13,172	1.07	7.33	179.2	47.20
1998						
January - March						
Kentucky	37.1	13,070	1.12	7.52	200.6	52.44
Pennsylvania	49.3	13,220	1.49	7.40	160.8	42.51
Total	86.3	13,155	1.33	7.45	177.8	46.77
April - June						
Kentucky	69.3	13,002	.51	7.26	199.1	51.78
Pennsylvania	38.1	13,212	1.68	7.24	161.5	42.67
West Virginia	1.6	13,456	.68	6.75	171.9	46.28
Total	109.1	13,082	.92	7.25	185.4	48.52
July - September						
Kentucky	55.7	12,998	.51	7.27	192.0	49.90
Pennsylvania	29.9	13,188	1.53	7.43	161.7	42.66
Total	85.6	13,065	.87	7.33	181.3	47.37
October - December						
Kentucky	24.0	13,122	.48	7.03	192.9	50.63
Pennsylvania	65.5	13,304	1.32	6.59	160.2	42.64
West Virginia	9.7	12,880	.82	7.70	187.3	48.24
Total	99.2	13,218	1.07	6.80	170.7	45.12
Year to Date						
Kentucky	186.1	13,030	.63	7.29	196.5	51.20
Pennsylvania	182.8	13,243	1.48	7.08	160.9	42.61
West Virginia	11.3	12,962	.80	7.56	185.0	47.96
Total	380.2	13,130	1.04	7.20	178.9	46.98
Company and Plant: Jacksonville Electric Authority, St Johns River						
1992						
Kentucky	1,563.4	12,831	1.18	8.43	160.2	41.11
West Virginia	642.4	12,063	.82	12.58	199.9	48.22
Colombia	1,418.6	11,897	.71	6.91	150.0	35.70
Total	3,624.4	12,329	.93	8.57	163.2	40.25
1993						
Kentucky	1,300.4	12,802	1.30	8.36	172.0	44.03
West Virginia	243.0	12,049	.75	12.79	187.6	45.21
Colombia	2,291.2	11,849	.68	7.21	136.9	32.44
Total	3,834.6	12,185	.89	7.95	152.6	37.18
1994						
Kentucky	1,106.7	12,775	1.27	8.92	173.2	44.25
West Virginia	595.3	12,193	.82	11.98	185.1	45.14
Colombia	2,032.1	11,883	.69	7.40	135.6	32.22
Total	3,734.1	12,197	.88	8.58	155.2	37.85
1995						
Kentucky	1,695.5	12,605	1.25	9.30	168.0	42.35
West Virginia	645.7	12,143	.88	12.85	188.2	45.70
Colombia	1,340.6	11,826	.67	7.52	151.5	35.82
Total	3,681.8	12,241	.97	9.28	165.7	40.56

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Jacksonville Electric Authority, St Johns River						
1996						
Kentucky	2,239.5	12,742	1.31	9.08	164.4	41.89
West Virginia	133.3	12,384	1.68	11.85	177.2	43.88
Colombia	1,417.2	11,810	.66	7.71	152.9	36.11
Total	3,790.0	12,381	1.08	8.66	160.7	39.80
1997						
Kentucky	1,561.8	12,614	1.49	9.99	174.6	44.05
West Virginia	177.9	12,013	.85	13.35	196.6	47.24
Colombia	1,385.3	11,851	.78	7.42	150.1	35.59
Total	3,125.0	12,242	1.14	9.05	165.3	40.48
1998						
January - March						
Kentucky	364.9	12,674	1.31	9.98	171.9	43.57
West Virginia	9.9	12,169	.86	13.20	149.6	36.41
Colombia	359.3	11,802	.65	7.13	149.0	35.16
Total	734.2	12,241	.98	8.63	160.8	39.36
April - June						
Kentucky	538.8	12,687	1.34	9.68	172.3	43.71
Colombia	296.8	11,796	.61	6.83	147.2	34.72
Total	835.6	12,371	1.08	8.67	163.8	40.52
July - September						
Kentucky	396.6	12,718	1.35	10.30	168.2	42.78
Colombia	323.5	11,838	.66	6.73	146.1	34.58
Total	720.1	12,322	1.04	8.69	158.6	39.10
October - December						
Kentucky	389.0	12,767	1.22	9.30	164.4	41.99
Colombia	608.3	11,834	.68	6.73	141.3	33.44
Total	997.3	12,198	.89	7.73	150.7	36.78
Year to Date						
Kentucky	1,689.3	12,710	1.31	9.80	169.4	43.06
West Virginia	9.9	12,169	.86	13.20	149.6	36.41
Colombia	1,587.9	11,821	.66	6.84	145.1	34.30
Total	3,287.2	12,279	.99	8.38	158.0	38.81
Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh						
1992						
Kentucky	818.0	12,999	1.04	7.71	165.0	42.90
Total	818.0	12,999	1.04	7.71	165.0	42.90
1993						
Kentucky	727.0	13,046	1.05	7.63	167.7	43.77
Total	727.0	13,046	1.05	7.63	167.7	43.77
1994						
Kentucky	992.0	12,936	1.12	8.02	173.4	44.87
Total	992.0	12,936	1.12	8.02	173.4	44.87
1995						
Kentucky	945.0	12,956	1.22	8.18	173.0	44.84
Total	945.0	12,956	1.22	8.18	173.0	44.84
1996						
Kentucky	807.0	12,840	1.32	9.09	172.8	44.38
Total	807.0	12,840	1.32	9.09	172.8	44.38
1997						
Kentucky	758.0	12,876	1.26	8.42	172.7	44.48
Total	758.0	12,876	1.26	8.42	172.7	44.48
1998						
January - March						
Kentucky	134.0	12,773	1.28	9.02	174.8	44.67
Total	134.0	12,773	1.28	9.02	174.8	44.67
April - June						
Kentucky	84.0	12,927	1.31	8.38	178.7	46.21
Venezuela	6.0	12,941	.62	5.70	175.2	45.35
Total	90.0	12,928	1.26	8.20	178.5	46.16
July - September						
Kentucky	149.0	12,909	1.33	8.73	178.3	46.04
Venezuela	37.0	12,941	.62	5.70	175.8	45.50
Total	186.0	12,915	1.19	8.13	177.8	45.94

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh						
1998						
October - December						
Kentucky	218.0	12,874	1.28	8.70	173.8	44.76
Total	218.0	12,874	1.28	8.70	173.8	44.76
Year to Date						
Kentucky	585.0	12,867	1.30	8.73	175.9	45.27
Venezuela	43.0	12,941	.62	5.70	175.7	45.48
Total	628.0	12,872	1.25	8.53	175.9	45.29
Company and Plant: Mississippi Power (Southern Co), Daniel						
1992						
Kentucky	810.6	12,988	0.73	7.22	170.0	44.15
Montana	82.2	9,383	.30	4.15	136.0	25.51
Wyoming	70.9	8,760	.34	4.92	153.0	26.81
Total	963.7	12,369	.66	6.79	166.9	41.29
1993						
Colorado	158.6	11,535	.45	9.58	158.9	36.66
Kentucky	774.6	12,881	.70	8.12	173.8	44.78
Montana	177.7	9,425	.39	4.61	159.1	29.99
Indonesia	67.5	9,745	.08	1.23	168.9	32.92
Total	1,178.5	11,999	.58	7.39	169.9	40.78
1994						
Colorado	715.2	11,072	.43	10.37	159.5	35.31
Kentucky	279.3	12,739	.68	9.06	181.7	46.28
Montana	1,288.4	9,402	.40	4.78	138.0	25.96
Total	2,282.8	10,334	.44	7.06	151.8	31.38
1995						
Colorado	951.3	11,076	.42	9.89	161.4	35.75
Montana	1,269.5	9,399	.38	4.43	140.0	26.31
Total	2,220.8	10,118	.39	6.77	150.0	30.36
1996						
Colorado	507.9	11,397	.46	8.87	159.3	36.32
Montana	2,163.3	9,394	.40	4.48	141.0	26.49
Total	2,671.2	9,774	.41	5.31	145.1	28.36
1997						
Montana	3,221.3	9,323	.39	4.56	145.5	27.13
Total	3,221.3	9,323	.39	4.56	145.5	27.13
1998						
January - March						
Montana	801.7	9,421	.39	4.65	149.0	28.07
Total	801.7	9,421	.39	4.65	149.0	28.07
April - June						
Montana	804.3	9,395	.37	4.37	145.8	27.39
Total	804.3	9,395	.37	4.37	145.8	27.39
July - September						
Montana	844.1	9,415	.37	4.34	144.7	27.24
Total	844.1	9,415	.37	4.34	144.7	27.24
October - December						
Montana	381.0	9,422	.34	4.52	151.9	28.61
Total	381.0	9,422	.34	4.52	151.9	28.61
Year to Date						
Montana	2,831.1	9,412	.37	4.46	147.2	27.70
Total	2,831.1	9,412	.37	4.46	147.2	27.70
Company and Plant: Mississippi Power (Southern Co), Watson						
1992						
Illinois	1,238.7	12,757	2.74	8.75	132.7	33.86
Kentucky	248.5	12,208	2.50	8.08	130.5	31.87
Total	1,487.2	12,665	2.70	8.64	132.4	33.53
1993						
Alabama	32.0	12,223	1.13	11.54	165.6	40.49
Illinois	1,079.9	12,697	2.71	9.10	134.1	34.06
Kentucky	215.3	12,168	1.11	8.61	141.0	34.30
West Virginia	68.9	12,244	1.07	12.12	144.0	35.25
Total	1,396.1	12,582	2.35	9.23	136.3	34.31

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Mississippi Power (Southern Co), Watson						
1994						
Illinois	1,062.7	12,456	2.41	8.55	131.8	32.84
Kentucky	30.8	11,934	1.05	11.28	145.2	34.65
West Virginia	62.2	12,392	.94	10.43	151.5	37.55
Total	1,155.7	12,439	2.30	8.72	133.2	33.14
1995						
Colorado	11.4	11,972	.50	7.91	145.8	34.91
Illinois	1,235.8	12,440	2.35	8.86	123.0	30.61
Total	1,247.2	12,436	2.33	8.86	123.2	30.65
1996						
Colorado	11.2	11,439	.44	8.63	148.7	34.02
Illinois	1,703.1	12,197	1.70	7.00	131.3	32.03
Kentucky	104.6	12,123	2.12	10.31	126.5	30.68
Wyoming	12.8	8,738	.44	5.25	129.5	22.63
Total	1,831.6	12,164	1.71	7.19	131.1	31.90
1997						
Alabama	126.4	12,461	1.04	9.73	145.8	36.34
Colorado	35.6	11,518	.49	7.49	154.8	35.65
Illinois	1,149.4	11,897	1.19	7.04	138.4	32.93
Kentucky	251.9	12,560	1.13	8.37	154.3	38.76
Wyoming	285.4	8,677	.46	5.69	133.8	23.22
Total	1,848.7	11,522	1.04	7.20	141.1	32.51
1998						
January - March						
Illinois	362.1	11,798	1.68	7.40	144.6	34.11
Kentucky	15.4	12,688	1.93	7.62	146.6	37.19
Wyoming	91.2	8,744	.40	5.34	132.9	23.24
Venezuela	13.6	12,312	.71	5.20	154.1	37.95
Total	482.3	11,263	1.42	6.95	143.2	32.26
April - June						
Alabama	28.3	13,083	.74	8.50	148.0	38.73
Illinois	382.0	12,111	1.64	7.40	139.1	33.68
Wyoming	139.8	8,682	.43	5.18	132.5	23.00
Venezuela	51.1	12,617	.76	7.20	137.1	34.60
Total	601.2	11,402	1.24	6.92	138.2	31.51
July - September						
Illinois	305.8	12,021	1.38	7.27	139.7	33.59
Wyoming	135.1	8,715	.42	5.23	132.3	23.06
Venezuela	64.5	12,617	.76	7.20	137.0	34.57
Total	505.3	11,213	1.05	6.72	137.8	30.90
October - December						
Illinois	364.7	11,944	1.29	7.42	141.3	33.77
Pennsylvania	7.3	13,068	1.46	7.00	142.2	37.17
Wyoming	97.3	8,749	.40	5.21	131.4	23.00
Venezuela	44.5	12,590	.74	6.80	145.2	36.56
Total	513.8	11,411	1.08	6.94	140.3	32.02
Year to Date						
Alabama	28.3	13,083	.74	8.50	148.0	38.73
Illinois	1,414.5	11,968	1.50	7.38	141.2	33.79
Kentucky	15.4	12,688	1.93	7.62	146.6	37.19
Pennsylvania	7.3	13,068	1.46	7.00	142.2	37.17
Wyoming	463.5	8,718	.42	5.23	132.3	23.07
Venezuela	173.7	12,586	.75	6.94	140.4	35.35
Total	2,102.6	11,327	1.20	6.88	139.8	31.66
Company and Plant: Montaup Electric, Somerset						
1992						
Virginia	413.0	12,917	1.03	7.93	176.4	45.58
Total	413.0	12,917	1.03	7.93	176.4	45.58
1993						
Kentucky	113.6	12,903	1.00	7.88	178.1	45.97
Total	113.6	12,903	1.00	7.88	178.1	45.97
1994						
Kentucky	43.7	12,429	.63	8.74	197.7	49.14
West Virginia	189.1	12,931	.73	8.39	178.8	46.23
Total	232.8	12,836	.71	8.45	182.2	46.78

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Montaup Electric, Somerset						
1995						
Kentucky	115.8	12,838	0.67	7.90	178.4	45.79
West Virginia	157.7	12,840	.76	7.42	177.9	45.68
Total	273.5	12,839	.72	7.62	178.1	45.73
1996						
Kentucky	55.6	12,622	.77	7.03	180.4	45.53
West Virginia	193.0	12,799	.76	7.30	180.1	46.11
Total	248.6	12,759	.77	7.24	180.2	45.98
1997						
West Virginia	279.3	12,710	.74	7.68	179.3	45.58
Total	279.3	12,710	.74	7.68	179.3	45.58
1998						
January - March						
West Virginia	73.9	12,643	.76	7.54	178.5	45.15
Total	73.9	12,643	.76	7.54	178.5	45.15
April - June						
West Virginia	73.7	12,637	.72	7.62	184.6	46.66
Total	73.7	12,637	.72	7.62	184.6	46.66
July - September						
Kentucky	14.7	12,450	.68	8.00	180.6	44.97
West Virginia	87.4	12,709	.71	8.38	178.9	45.46
Total	102.1	12,672	.70	8.33	179.1	45.39
October - December						
Kentucky	14.7	12,883	.74	7.80	174.0	44.83
West Virginia	43.3	12,878	.76	7.86	175.5	45.20
Total	58.0	12,879	.75	7.85	175.1	45.11
Year to Date						
Kentucky	29.4	12,666	.71	7.90	177.2	44.90
West Virginia	278.3	12,699	.73	7.88	179.8	45.65
Total	307.7	12,696	.73	7.88	179.5	45.58
Company and Plant: New England Power (NEES), Brayton Point						
1992						
Kentucky	10.1	12,934	0.63	6.47	170.9	44.21
Virginia	197.9	13,030	1.12	7.64	173.1	45.11
West Virginia	2,209.9	13,032	1.11	8.45	168.1	43.81
Venezuela	129.0	13,375	.75	7.32	165.2	44.18
Total	2,546.9	13,049	1.09	8.32	168.3	43.94
1993						
Kentucky	68.7	12,641	.54	7.18	167.7	42.39
Maryland	1.0	13,161	1.48	10.11	153.6	40.44
West Virginia	1,659.3	12,985	1.05	8.54	167.5	43.51
Wyoming	7.0	8,889	.30	5.37	174.9	31.09
Colombia	187.2	12,144	.64	5.42	178.5	43.35
Venezuela	239.9	13,132	.71	7.83	162.5	42.67
Total	2,163.1	12,905	.96	8.14	167.9	43.33
1994						
Kentucky	138.0	12,543	.73	8.18	174.9	43.88
Pennsylvania	119.6	13,049	1.43	6.44	166.4	43.43
West Virginia	2,159.0	12,823	.98	8.61	170.6	43.75
Colombia	51.3	12,131	.65	5.60	172.2	41.78
Venezuela	351.2	12,955	.71	7.03	154.2	39.95
Total	2,819.1	12,822	.95	8.24	168.6	43.24
1995						
Kentucky	144.6	12,644	.73	7.74	171.9	43.47
West Virginia	1,491.6	12,687	.71	9.56	171.3	43.46
Colombia	307.8	12,218	.60	5.22	164.6	40.23
Venezuela	510.6	12,788	.69	7.03	160.0	40.92
Total	2,454.6	12,647	.69	8.38	168.1	42.53
1996						
Kentucky	262.9	12,628	.70	8.26	174.6	44.09
West Virginia	1,884.5	12,538	.70	10.16	172.9	43.37
Colombia	427.5	12,014	.59	5.52	168.0	40.35
Venezuela	572.4	12,937	.67	6.29	162.4	42.01
Total	3,147.3	12,547	.68	8.67	170.5	42.77

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: New England Power (NEES), Brayton Point						
1997						
Kentucky	453.9	12,724	0.70	7.54	172.3	43.83
West Virginia	1,585.2	12,526	.70	10.62	168.8	42.29
Colombia	668.5	12,119	.64	5.79	165.6	40.14
Venezuela	292.5	13,122	.68	6.35	165.2	43.36
Total	3,000.1	12,524	.69	8.66	168.3	42.15
1998						
January - March						
Kentucky	159.4	12,577	.66	7.27	176.3	44.34
West Virginia	483.4	12,483	.70	10.80	169.9	42.42
Colombia	151.4	12,123	.64	6.25	162.3	39.36
Venezuela	119.2	13,270	.65	7.33	154.1	40.89
Total	913.4	12,543	.67	8.97	167.6	42.05
April - June						
Kentucky	122.4	12,773	.64	6.66	169.8	43.36
West Virginia	598.8	12,528	.70	10.53	164.2	41.13
Colombia	71.4	12,128	.64	5.65	159.8	38.77
Venezuela	33.5	13,063	.66	8.96	149.1	38.96
Total	826.1	12,551	.69	9.47	164.0	41.17
July - September						
Kentucky	60.7	12,932	.63	6.91	156.5	40.47
West Virginia	340.4	12,398	.65	11.07	163.1	40.43
Colombia	40.2	12,127	.61	6.31	160.6	38.94
Venezuela	56.8	12,945	.65	7.83	149.4	38.68
Total	498.1	12,503	.65	9.81	160.4	40.12
Year to Date						
Kentucky	342.5	12,710	.65	6.99	170.4	43.30
West Virginia	1,422.6	12,481	.69	10.75	165.9	41.41
Colombia	263.0	12,125	.64	6.10	161.4	39.14
Venezuela	209.5	13,149	.65	7.73	152.0	39.98
Total	2,237.6	12,537	.67	9.34	164.7	41.30
Company and Plant: New England Power (NEES), Salem Harbor						
1992						
Pennsylvania	40.2	13,193	1.26	6.80	162.3	42.82
West Virginia	763.1	13,130	1.46	9.47	167.0	43.86
Canada	32.8	13,569	1.40	3.82	174.9	47.46
Venezuela	34.8	12,893	.58	7.02	145.3	37.47
Total	870.9	13,140	1.41	9.04	166.3	43.70
1993						
Maryland	10.1	13,219	1.32	9.76	166.4	43.99
West Virginia	532.9	13,013	1.29	9.62	167.2	43.51
Venezuela	236.2	12,921	.57	6.65	162.5	41.99
Total	779.2	12,987	1.07	8.72	165.8	43.05
1994						
West Virginia	80.0	12,958	.77	8.71	177.5	45.99
Colombia	84.2	12,017	.57	6.07	159.9	38.44
Venezuela	565.5	12,678	.64	6.49	159.6	40.47
Total	729.7	12,632	.65	6.69	161.6	40.84
1995						
West Virginia	117.6	12,643	.68	8.94	183.5	46.41
Colombia	250.1	12,166	.60	5.26	147.9	35.99
Venezuela	393.1	12,846	.65	6.34	162.4	41.72
Total	760.8	12,591	.64	6.39	161.1	40.56
1996						
Kentucky	2.6	12,282	.63	8.35	155.3	38.16
West Virginia	157.2	12,727	.70	9.20	176.6	44.95
Colombia	202.9	12,069	.57	5.77	148.6	35.86
Venezuela	563.1	12,849	.70	6.17	155.5	39.96
Total	925.8	12,656	.67	6.60	157.6	39.90
1997						
Kentucky	136.2	12,613	.66	7.78	176.6	44.55
West Virginia	181.1	12,500	.69	10.75	165.8	41.46
Colombia	409.1	12,101	.63	6.17	167.2	40.46
Venezuela	90.4	12,934	.69	5.82	156.8	40.58
Total	816.8	12,367	.66	7.41	167.3	41.37

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: New England Power (NEES), Salem Harbor						
1998						
January - March						
West Virginia	40.9	12,447	0.74	11.20	167.5	41.71
Colombia.....	76.7	12,117	.57	5.91	189.1	45.82
Venezuela	100.9	13,000	.70	5.59	156.8	40.77
Total	218.5	12,586	.66	6.75	169.7	42.72
April - June						
West Virginia	40.2	12,240	.70	11.62	159.4	39.01
Colombia.....	87.5	12,120	.60	5.16	158.7	38.46
Venezuela	53.8	13,086	.70	5.05	146.8	38.42
Total	181.5	12,433	.65	6.56	155.1	38.57
July - September						
Colombia.....	39.9	12,047	.64	5.27	213.7	51.50
Venezuela	107.4	12,825	.73	5.87	153.1	39.27
Total	147.3	12,614	.71	5.71	168.8	42.58
Year to Date						
West Virginia	81.1	12,344	.72	11.41	163.5	40.37
Colombia.....	204.1	12,105	.60	5.46	180.8	43.77
Venezuela	262.1	12,946	.71	5.59	153.2	39.68
Total	547.3	12,543	.67	6.41	164.7	41.31
Company and Plant: Ohio Edison, Burger Plant						
1992						
Kentucky	41.4	12,143	0.84	10.37	130.5	31.69
Ohio.....	963.7	12,135	3.62	11.27	104.4	25.35
Pennsylvania	128.2	12,070	2.83	11.73	129.8	31.32
Wyoming.....	61.3	8,449	.35	5.48	120.1	20.29
Indonesia.....	13.1	9,587	.14	1.20	166.9	32.00
Total	1,207.7	11,913	3.24	10.88	109.2	26.01
1993						
Kentucky	6.1	12,223	.88	10.70	110.4	26.99
Ohio.....	1,151.5	12,135	3.57	11.37	102.2	24.81
Pennsylvania	99.9	11,842	3.41	11.82	92.0	21.79
Total	1,257.5	12,113	3.55	11.41	101.5	24.58
1994						
Ohio.....	937.8	12,266	3.58	10.63	99.0	24.28
Pennsylvania	63.6	11,942	2.80	11.52	105.5	25.20
West Virginia.....	1.5	11,112	4.48	17.60	112.7	25.05
Total	1,002.9	12,244	3.53	10.69	99.4	24.34
1995						
Ohio.....	225.7	12,444	3.78	10.17	95.2	23.68
Pennsylvania	179.8	12,635	2.41	10.26	93.0	23.49
West Virginia.....	158.1	12,320	2.49	11.49	90.5	22.29
Total	563.6	12,470	2.98	10.57	93.1	23.23
1996						
Ohio.....	2.3	11,043	2.57	10.80	72.6	16.03
Pennsylvania	33.4	11,981	3.38	11.11	77.5	18.56
West Virginia.....	942.8	12,323	3.69	9.65	81.9	20.18
Total	978.5	12,308	3.68	9.70	81.7	20.11
1997						
Kentucky	30.3	11,362	.70	12.77	108.4	24.63
Ohio.....	201.5	11,728	3.06	12.49	92.6	21.73
Pennsylvania	199.4	10,651	2.14	20.27	89.6	19.09
West Virginia.....	420.0	11,619	2.16	15.77	88.4	20.55
Total	851.2	11,409	2.32	15.94	90.4	20.63
1998						
January - March						
Ohio	63.0	11,992	3.02	11.70	98.5	23.62
Pennsylvania	70.1	13,184	2.22	7.61	104.8	27.65
West Virginia	50.5	11,707	.85	15.21	107.2	25.09
Total	183.6	12,369	2.11	11.10	103.3	25.56
April - June						
Ohio	82.0	12,366	3.51	10.23	88.4	21.86
Pennsylvania	70.6	13,195	2.05	7.77	102.7	27.11
West Virginia	21.9	11,673	3.38	13.24	88.2	20.60
Total	174.5	12,615	2.90	9.61	94.4	23.82

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Ohio Edison, Burger Plant						
1998						
July - September						
Ohio	139.3	12,337	3.58	10.86	91.6	22.60
Pennsylvania	39.0	13,471	2.11	6.38	94.5	25.46
Total	178.3	12,585	3.26	9.88	92.3	23.22
October - December						
Ohio	102.0	12,396	3.86	9.97	91.4	22.67
Pennsylvania	30.1	13,252	1.79	7.41	99.6	26.39
West Virginia	44.8	12,055	.86	14.75	111.6	26.91
Total	176.9	12,456	2.75	10.75	97.8	24.37
Year to Date						
Ohio	386.3	12,303	3.55	10.63	92.0	22.63
Pennsylvania	209.8	13,251	2.08	7.41	101.4	26.88
West Virginia	117.2	11,834	1.33	14.67	105.4	24.94
Total	713.3	12,505	2.75	10.34	97.0	24.26
Company and Plant: Public Serv Co of Indiana, Gallagher						
1992						
Illinois	51.3	10,841	3.41	7.97	185.5	40.21
Indiana	826.6	10,901	2.26	8.78	142.3	31.01
Kentucky	120.1	11,907	1.49	9.48	114.9	27.37
West Virginia	146.5	12,744	.77	8.82	115.4	29.41
Total	1,144.5	11,240	2.04	8.82	137.2	30.84
1993						
Illinois	11.8	11,792	1.52	6.70	102.7	24.23
Indiana	466.6	10,994	2.12	8.81	137.1	30.14
Kentucky	58.3	11,923	1.70	11.59	122.2	29.13
Pennsylvania	173.7	13,213	2.53	7.34	132.3	34.97
Indonesia	11.1	9,242	.13	1.35	104.8	19.38
Total	721.5	11,589	2.14	8.53	133.6	30.96
1994						
Illinois	362.8	11,905	1.53	7.19	130.0	30.96
Indiana	326.8	11,062	1.82	8.77	121.5	26.88
Kentucky	304.0	11,849	1.73	11.81	132.6	31.42
Pennsylvania	492.1	13,237	2.29	7.59	112.9	29.89
West Virginia	31.9	12,451	1.30	10.41	121.3	30.20
Total	1,517.6	12,155	1.88	8.65	122.6	29.81
1995						
Illinois	445.0	11,913	1.43	7.05	123.4	29.41
Indiana	133.3	11,064	1.31	9.65	116.2	25.72
Pennsylvania	547.4	13,131	2.35	7.97	102.4	26.90
Total	1,125.7	12,405	1.86	7.80	111.9	27.75
1996						
Illinois	376.7	11,970	1.48	6.65	115.5	27.66
Indiana	18.1	11,256	1.58	7.15	97.7	21.99
Kentucky	73.6	12,343	2.15	9.89	108.9	26.89
Pennsylvania	531.6	13,043	2.35	8.06	108.7	28.35
Total	1,000.0	12,555	1.99	7.64	111.0	27.87
1997						
Illinois	108.0	11,889	1.09	6.71	124.0	29.49
Indiana	5.2	10,949	2.25	8.76	107.6	23.56
Kentucky	17.2	11,889	2.27	10.52	116.2	27.64
Pennsylvania	647.0	13,052	2.30	8.01	104.1	27.18
West Virginia	207.7	13,202	2.13	7.14	106.3	28.06
Total	985.1	12,924	2.13	7.73	106.8	27.61
1998						
January - March						
Illinois	38.2	11,958	.80	5.15	125.5	30.01
Pennsylvania	162.2	12,990	2.23	7.92	106.8	27.74
West Virginia	157.2	13,217	2.30	6.74	107.1	28.31
Total	357.6	12,980	2.11	7.10	108.8	28.23
April - June						
Indiana	1.8	11,343	2.20	8.20	97.7	22.16
Pennsylvania	120.9	13,000	2.09	7.42	106.5	27.68
West Virginia	64.6	13,033	2.22	7.77	106.9	27.86
Total	187.3	12,995	2.14	7.55	106.5	27.69

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Public Serv Co of Indiana, Gallagher						
1998						
July - September						
Pennsylvania	198.1	13,207	1.94	7.45	104.5	27.60
West Virginia	136.3	13,366	2.20	6.76	104.1	27.83
Total	334.4	13,272	2.05	7.17	104.3	27.69
October - December						
Indiana	16.7	10,985	1.30	9.63	110.9	24.36
Kentucky	3.3	11,461	1.15	13.50	114.7	26.29
Pennsylvania	154.7	13,193	2.08	7.47	106.3	28.06
West Virginia	152.3	13,347	2.24	6.62	106.6	28.46
Total	327.0	13,135	2.11	7.25	106.7	28.04
Year to Date						
Illinois	38.2	11,958	.80	5.15	125.5	30.01
Indiana	18.5	11,020	1.39	9.49	109.5	24.14
Kentucky	3.3	11,461	1.15	13.50	114.7	26.29
Pennsylvania	635.9	13,109	2.08	7.57	105.9	27.76
West Virginia	510.4	13,273	2.25	6.84	106.1	28.17
Total	1,206.3	13,105	2.10	7.23	106.6	27.95
Company and Plant: Public Serv Co of New Hampshire, Merrimack						
1992						
Pennsylvania	671.5	13,266	1.57	6.30	171.5	45.50
West Virginia	331.8	13,416	2.27	6.94	161.4	43.30
Total	1,003.3	13,316	1.80	6.51	168.1	44.77
1993						
Pennsylvania	661.6	13,240	1.63	6.42	165.9	43.92
West Virginia	388.6	13,225	2.27	7.59	155.3	41.07
Indonesia	21.2	12,620	.49	3.80	186.5	47.07
Venezuela	24.9	12,920	.58	6.00	163.2	42.17
Total	1,096.3	13,216	1.81	6.77	162.4	42.93
1994						
Pennsylvania	706.9	13,176	1.57	6.61	156.5	41.25
West Virginia	272.1	13,253	2.34	7.50	147.8	39.17
Total	979.0	13,197	1.78	6.86	154.1	40.67
1995						
Pennsylvania	759.3	13,203	1.49	6.90	161.1	42.53
Virginia	19.1	13,910	.68	7.00	203.5	56.61
West Virginia	223.3	13,366	2.29	6.28	141.7	37.89
Colombia	11.5	11,578	.53	3.80	192.9	44.67
Total	1,013.2	13,234	1.64	6.73	157.9	41.80
1996						
Pennsylvania	715.4	13,233	1.53	6.72	162.3	42.95
Virginia	16.0	14,085	.74	5.83	199.8	56.30
West Virginia	278.0	13,320	2.34	6.64	147.0	39.15
Venezuela	39.9	12,370	.39	3.70	213.2	52.75
Total	1,049.3	13,236	1.69	6.57	160.6	42.52
1997						
Pennsylvania	830.3	13,221	1.46	6.97	166.2	43.95
Virginia	9.9	13,759	1.46	5.37	212.5	58.47
West Virginia	312.8	13,325	2.06	6.86	154.2	41.10
Indonesia	40.8	12,300	.49	4.50	190.7	46.92
Total	1,193.7	13,221	1.58	6.84	164.2	43.43
1998						
January - March						
Pennsylvania	187.4	13,129	1.44	7.30	165.0	43.33
West Virginia	73.6	13,266	2.47	7.25	160.1	42.47
Total	261.0	13,168	1.73	7.29	163.6	43.09
April - June						
Pennsylvania	143.4	13,159	1.46	6.88	166.9	43.92
West Virginia	43.8	13,296	2.29	6.69	160.0	42.54
Total	187.1	13,191	1.66	6.84	165.2	43.59
July - September						
Pennsylvania	275.9	13,218	1.52	7.06	166.1	43.92
West Virginia	43.8	13,294	2.24	6.97	161.4	42.92
Total	319.7	13,228	1.62	7.05	165.5	43.78

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Public Serv Co of New Hampshire, Merrimack						
1998						
October - December						
Pennsylvania	192.5	13,183	1.50	6.95	167.2	44.08
West Virginia	67.3	13,307	2.24	7.30	161.0	42.85
Total	259.9	13,215	1.69	7.04	165.6	43.76
Year to Date						
Pennsylvania	799.1	13,178	1.49	7.06	166.3	43.82
West Virginia	228.5	13,289	2.32	7.10	160.6	42.68
Total	1,027.6	13,203	1.67	7.07	165.0	43.57
Company and Plant: Public Serv Co of New Hampshire, Schiller						
1992						
Pennsylvania	8.3	13,080	1.46	6.25	173.0	45.26
West Virginia	131.9	13,252	.77	6.62	175.2	46.44
Colombia	48.4	12,428	.61	6.31	157.2	39.08
Venezuela	34.3	12,881	.58	6.76	168.0	43.29
Total	222.9	13,010	.73	6.56	170.3	44.31
1993						
West Virginia	57.6	13,238	.75	7.40	171.7	45.45
Colombia	52.1	12,861	.64	7.49	150.0	38.59
Indonesia	16.0	12,620	.49	3.80	161.3	40.71
Venezuela	84.3	12,972	.58	6.08	138.6	35.95
Total	210.1	12,991	.63	6.62	152.3	39.58
1994						
Colombia	163.3	12,505	.62	5.55	135.5	33.89
Indonesia	113.0	12,360	.53	3.58	158.7	39.23
Total	276.3	12,446	.58	4.74	144.9	36.07
1995						
West Virginia	74.1	12,997	.80	8.76	164.3	42.72
Colombia	122.9	12,733	.62	6.70	160.0	40.73
Indonesia	79.7	12,300	.52	4.56	167.8	41.28
Venezuela	82.4	13,044	.71	7.24	156.5	40.84
Total	359.1	12,762	.66	6.77	161.8	41.29
1996						
Kentucky	14.5	12,830	.90	8.40	193.7	49.70
Pennsylvania	44.0	12,708	1.53	13.21	155.8	39.59
West Virginia	101.3	12,988	1.38	9.41	157.6	40.95
Colombia	32.3	12,169	.66	5.68	161.9	39.41
Indonesia	25.9	12,412	.72	8.20	161.9	40.19
Venezuela	56.1	13,061	.67	6.04	159.8	41.75
Total	274.2	12,799	1.09	8.72	160.6	41.11
1997						
Pennsylvania	29.5	13,002	1.75	8.00	159.2	41.40
West Virginia	140.0	12,969	1.41	8.20	160.0	41.51
Colombia	35.4	13,231	.63	6.70	160.1	42.37
Venezuela	229.0	12,217	.67	6.13	160.7	39.27
Total	433.9	12,596	.98	6.97	160.3	40.39
1998						
January - March						
Colombia	34.7	13,188	.64	5.50	172.8	45.58
Venezuela	73.9	13,161	.65	5.20	148.9	39.20
Total	108.6	13,170	.65	5.29	156.6	41.24
April - June						
Pennsylvania	14.7	13,018	1.40	6.90	159.8	41.60
Venezuela	73.8	12,796	.68	6.15	145.8	37.30
Total	88.5	12,833	.80	6.28	148.1	38.01
July - September						
Venezuela	110.4	12,784	.67	5.86	147.8	37.80
Total	110.4	12,784	.67	5.86	147.8	37.80
October - December						
Venezuela	73.2	12,982	.61	5.62	150.0	38.94
Total	73.2	12,982	.61	5.62	150.0	38.94
Year to Date						
Pennsylvania	14.7	13,018	1.40	6.90	159.8	41.60
Colombia	34.7	13,188	.64	5.50	172.8	45.58
Venezuela	331.4	12,914	.65	5.72	148.1	38.25
Total	380.7	12,943	.68	5.75	150.8	39.05

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Public Serv Electric & Gas Co, Mercer						
1992						
Virginia	805.6	14,185	0.83	4.40	175.9	49.90
West Virginia.....	35.3	13,875	.64	5.71	170.8	47.40
Total	840.9	14,172	.82	4.46	175.7	49.80
1993						
Virginia	695.9	14,123	.80	4.54	179.6	50.73
West Virginia.....	7.2	13,648	.64	5.91	174.6	47.65
Total	703.1	14,118	.80	4.56	179.6	50.70
1994						
Virginia	687.7	14,046	.79	4.73	179.8	50.50
West Virginia.....	.7	13,381	.66	6.60	174.6	46.73
Total	688.4	14,045	.79	4.73	179.8	50.50
1995						
Virginia	688.8	13,985	.77	4.89	175.3	49.03
West Virginia.....	.1	13,529	.70	6.70	145.3	39.32
Total	688.9	13,985	.77	4.89	175.3	49.03
1996						
Virginia	635.8	13,897	.77	5.36	181.6	50.46
West Virginia.....	.8	12,705	.97	8.20	172.9	43.93
Total	636.6	13,896	.77	5.36	181.5	50.45
1997						
Virginia	880.3	13,634	.78	5.85	174.7	47.64
West Virginia.....	.8	12,514	.92	8.60	164.6	41.20
Total	881.1	13,633	.78	5.85	174.7	47.64
1998						
January - March						
Virginia	174.3	13,912	.76	5.07	160.3	44.60
West Virginia.....	8.1	11,531	.67	10.60	126.9	29.27
Venezuela	39.0	12,998	.68	5.50	155.3	40.37
Total	221.4	13,664	.74	5.34	158.4	43.29
April - June						
Virginia	235.8	14,074	.73	4.71	153.7	43.26
West Virginia.....	32.7	11,555	.70	15.96	127.6	29.49
Total	268.5	13,767	.73	6.08	151.0	41.58
July - September						
Virginia	171.3	14,062	.70	4.86	153.1	43.05
West Virginia.....	18.5	11,986	.70	15.97	129.6	31.06
Total	189.8	13,860	.70	5.94	151.1	41.88
October - December						
Virginia	179.1	13,796	.71	6.10	148.3	40.91
West Virginia.....	112.5	13,364	.69	7.97	140.6	37.57
Total	291.6	13,629	.71	6.82	145.3	39.62
Year to Date						
Virginia	760.5	13,969	.73	5.15	153.8	42.97
West Virginia.....	171.8	12,785	.70	10.48	136.6	34.94
Venezuela	39.0	12,998	.68	5.50	155.3	40.37
Total	971.3	13,720	.72	6.11	151.0	41.44
Company and Plant: Public Serv Electric & Gas-NJ, Hudson						
1992						
Kentucky	189.1	13,197	0.83	6.64	183.3	48.38
West Virginia.....	380.3	13,069	.82	7.36	173.1	45.24
Total	569.4	13,111	.82	7.12	176.5	46.28
1993						
Kentucky	76.0	13,336	.84	6.75	185.7	49.54
West Virginia.....	362.0	12,930	.81	7.93	188.1	48.65
Total	438.0	13,000	.82	7.73	187.7	48.80
1994						
Kentucky	251.3	13,158	.73	7.48	202.1	53.19
West Virginia.....	293.6	13,102	.80	7.53	202.5	53.05
Colombia.....	22.5	12,870	.68	6.90	166.9	42.96
Total	567.4	13,118	.77	7.48	200.9	52.71
1995						
Kentucky	436.3	13,082	.65	6.77	191.2	50.02
West Virginia.....	252.1	13,070	.83	7.59	179.5	46.93
Total	688.4	13,078	.71	7.07	186.9	48.89

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Public Serv Electric & Gas-NJ, Hudson						
1996						
Kentucky	172.8	13,008	0.67	7.51	178.4	46.41
West Virginia	536.8	12,588	.88	10.65	170.4	42.90
Total	709.6	12,690	.83	9.88	172.4	43.76
1997						
Kentucky	106.0	13,059	.65	7.47	174.3	45.53
West Virginia	314.4	12,522	.92	11.43	167.6	41.97
Total	420.4	12,657	.85	10.43	169.3	42.87
1998						
January - March						
Kentucky	26.6	12,893	.85	5.64	164.7	42.47
West Virginia	55.8	12,202	.84	12.59	149.0	36.36
Total	82.4	12,425	.84	10.34	154.2	38.33
April - June						
Kentucky	1.9	13,051	.90	7.10	154.2	40.25
West Virginia	128.7	12,308	.87	13.35	137.5	33.84
Total	130.6	12,319	.87	13.26	137.7	33.94
July - September						
Kentucky	20.4	12,980	.69	8.00	145.7	37.82
West Virginia	215.8	12,519	.85	11.08	142.6	35.70
Total	236.2	12,559	.84	10.81	142.9	35.89
October - December						
Kentucky	61.2	12,931	.71	8.20	147.5	38.16
West Virginia	129.1	12,557	.93	12.36	139.3	34.98
Total	190.3	12,677	.86	11.02	142.0	36.00
Year to Date						
Kentucky	110.1	12,933	.75	7.53	151.5	39.18
West Virginia	529.4	12,444	.88	12.10	141.2	35.14
Total	639.5	12,528	.85	11.31	143.0	35.84
Company and Plant: Savannah Electric and Power, Port Wentworth						
1992						
Kentucky	3.0	11,947	1.36	13.60	132.2	31.59
Virginia	60.5	12,392	.98	11.96	148.1	36.71
Total	63.5	12,371	1.00	12.04	147.4	36.46
1993						
Kentucky	80.2	12,770	.98	9.66	175.8	44.91
Virginia	174.6	12,782	.99	10.15	173.0	44.22
West Virginia	5.1	12,738	.77	8.60	166.7	42.46
Total	259.9	12,777	.98	9.97	173.7	44.40
1994						
Kentucky	106.7	12,520	1.19	9.54	172.2	43.13
Virginia	31.6	12,543	.98	10.23	169.4	42.49
Colombia	11.9	11,235	.69	5.87	214.1	48.12
Venezuela	16.8	12,575	1.12	8.60	168.0	42.25
Total	167.0	12,438	1.11	9.31	174.0	43.27
1995						
Kentucky	9.9	11,801	.55	14.50	143.0	33.75
Virginia	130.3	13,124	.87	9.43	159.0	41.74
Total	140.3	13,030	.85	9.79	158.0	41.17
1996						
Venezuela	209.9	12,143	1.08	6.71	152.8	37.11
Total	209.9	12,143	1.08	6.71	152.8	37.11
1997						
Venezuela	279.1	11,949	1.28	7.72	135.1	32.29
Total	279.1	11,949	1.28	7.72	135.1	32.29
1998						
January - March						
Venezuela	79.0	13,018	.67	5.50	152.4	39.68
Total	79.0	13,018	.67	5.50	152.4	39.68
April - June						
Venezuela	71.4	11,986	1.58	8.20	147.8	35.43
Total	71.4	11,986	1.58	8.20	147.8	35.43
July - September						
Venezuela	185.8	12,491	1.01	7.42	141.8	35.43
Total	185.8	12,491	1.01	7.42	141.8	35.43

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Savannah Electric and Power, Port Wentworth						
1998						
October - December						
Venezuela	78.4	12,427	0.86	7.40	140.4	34.89
Total	78.4	12,427	.86	7.40	140.4	34.89
Year to Date						
Venezuela	414.5	12,492	1.01	7.19	144.6	36.14
Total	414.5	12,492	1.01	7.19	144.6	36.14
Company and Plant: Takoma Dept. of Public Utilities, Steam No.2						
1992						
Montana	4.0	9,492	0.40	4.25	169.0	32.08
Washington	2.3	12,366	.72	14.03	154.5	38.21
Wyoming	2.0	8,846	.22	4.67	181.0	32.02
Canada	15.3	9,993	.42	12.95	214.7	42.90
Total	23.7	10,043	.43	10.87	197.5	39.67
1993						
Montana	10.0	9,482	.37	4.10	182.6	34.63
Washington	2.2	10,967	.70	14.47	163.5	35.87
Canada	29.2	10,036	.48	12.60	179.5	36.03
Total	41.4	9,951	.46	10.64	179.3	35.68
1994						
Montana	26.4	9,465	.41	4.63	175.8	33.27
Washington	3.3	10,865	.72	13.30	165.3	35.91
Canada	6.3	9,806	.48	12.80	178.0	34.91
Total	36.1	9,655	.45	6.87	175.1	33.81
1995						
Montana	3.8	9,470	.36	4.64	180.0	34.09
Canada	23.8	10,066	.47	13.14	166.0	33.42
Total	27.6	9,983	.46	11.96	167.8	33.51
1996						
Montana	3.9	9,516	.50	5.00	176.0	33.50
Wyoming .....	.3	8,858	.27	5.13	109.0	19.31
Canada	18.0	9,861	.44	12.97	174.6	34.44
Total	22.2	9,788	.45	11.47	174.1	34.09
1997						
Washington	1.5	10,616	.70	17.57	154.0	32.71
Canada	9.6	10,144	.43	12.25	171.4	34.79
Total	11.1	10,208	.46	12.96	169.0	34.51
1998						
January - March						
Washington .....	.8	10,800	.73	72.92	165.2	35.67
Total .....	.8	10,800	.73	72.92	165.2	35.67
April - June						
Washington .....	.1	10,800	.73	14.00	168.0	36.29
Total .....	.1	10,800	.73	14.00	168.0	36.29
Year to Date						
Washington .....	.9	10,800	.73	66.06	165.5	35.74
Total .....	.9	10,800	.73	66.06	165.5	35.74
Company and Plant: Tampa Electric, Big Bend						
1993						
Illinois	35.2	11,194	0.82	11.00	185.1	41.44
Total	35.2	11,194	.82	11.00	185.1	41.44
Company and Plant: Tampa Electric, Davant Transfer²						
1992						
Colorado	180.6	13,092	0.45	10.01	146.5	38.37
Illinois	1,224.1	11,287	2.87	8.89	181.0	40.86
Kentucky	3,358.9	12,415	2.30	7.91	178.7	44.37
Tennessee	268.8	12,861	1.19	6.20	217.6	55.98
Utah	31.6	11,596	.39	8.20	163.8	37.99
West Virginia	451.8	13,137	2.38	7.64	207.1	54.41
Wyoming	12.3	8,887	.20	4.70	142.3	25.29
Total	5,528.1	12,255	2.30	8.09	182.4	44.70

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Tampa Electric, Davant Transfer²						
1993						
Illinois	1,346.0	11,380	2.77	8.93	170.6	38.82
Indiana.....	18.8	11,230	3.02	10.43	123.1	27.64
Kentucky.....	2,783.2	12,425	2.20	7.94	189.3	47.05
Tennessee.....	304.6	12,740	1.12	7.02	203.7	51.89
Utah.....	186.5	11,586	.35	8.25	156.1	36.17
West Virginia.....	728.0	13,186	2.27	7.40	172.4	45.47
Colombia.....	222.2	10,844	.62	7.63	166.6	36.13
Venezuela.....	61.4	11,056	1.48	9.78	220.7	48.80
Total	5,650.8	12,182	2.16	8.08	181.9	44.31
1994						
Colorado.....	422.5	12,980	.44	9.88	158.7	41.19
Illinois.....	1,874.6	11,234	2.94	9.45	164.6	36.99
Kentucky.....	2,399.8	12,268	2.49	7.39	186.9	45.85
Pennsylvania.....	70.0	13,276	2.39	7.75	132.2	35.11
Tennessee.....	276.1	12,628	1.14	7.43	215.3	54.38
West Virginia.....	626.3	13,096	2.63	7.34	167.5	43.88
Wyoming.....	117.8	8,746	.28	5.12	131.6	23.01
Indonesia.....	147.2	9,871	.09	1.10	143.0	28.24
Total	5,934.5	11,979	2.33	8.02	174.8	41.89
1995						
Colorado.....	810.8	12,745	.43	9.84	184.3	46.99
Illinois.....	2,370.8	11,536	2.26	8.27	170.5	39.33
Kentucky.....	1,737.5	11,818	2.62	7.35	139.0	32.86
Tennessee.....	120.2	12,565	1.12	8.66	229.2	57.59
Indonesia.....	348.9	9,696	.31	1.16	143.8	27.88
Total	5,388.1	11,713	1.95	7.76	162.5	38.06
1996						
Colorado.....	138.6	12,929	.48	10.04	190.8	49.32
Illinois.....	2,993.7	11,914	2.52	7.85	159.0	37.88
Kentucky.....	1,659.8	11,667	2.78	7.90	127.6	29.78
West Virginia.....	157.5	13,120	2.38	8.01	130.1	34.14
Wyoming.....	590.7	8,833	.21	4.39	142.0	25.09
Indonesia.....	807.8	9,655	.29	1.48	149.7	28.91
Total	6,348.2	11,327	2.04	6.78	148.3	33.59
1997						
Illinois.....	3,124.4	11,947	2.33	8.54	157.3	37.59
Indiana.....	4.8	11,216	.70	7.30	164.4	36.88
Kentucky.....	1,943.7	11,609	2.95	9.34	132.3	30.71
West Virginia.....	338.5	13,181	2.21	7.72	129.2	34.05
Wyoming.....	970.6	8,720	.43	5.29	141.0	24.59
Indonesia.....	741.3	9,614	.35	1.44	162.7	31.29
Venezuela.....	58.6	12,953	1.47	3.50	130.2	33.73
Total	7,181.8	11,244	2.02	7.50	147.3	33.12
1998						
January - March						
Illinois.....	861.7	11,870	2.43	8.47	160.9	38.21
Indiana.....	30.4	10,864	3.03	10.20	125.2	27.20
Kentucky.....	561.5	11,491	2.68	7.83	130.4	29.98
West Virginia.....	158.3	13,214	2.25	7.56	137.5	36.33
Wyoming.....	252.3	8,749	.40	5.33	138.2	24.19
Indonesia.....	73.8	9,507	.38	1.10	163.3	31.05
Total	1,938.0	11,358	2.15	7.55	147.0	33.40
April - June						
Illinois.....	866.7	11,991	2.38	8.29	156.1	37.43
Kentucky.....	539.0	11,554	2.76	7.93	128.4	29.68
Wyoming.....	225.7	8,721	.40	5.11	133.8	23.34
Indonesia.....	223.5	9,623	.21	1.13	157.9	30.38
Total	1,854.8	11,181	1.99	6.94	145.9	32.61
July - September						
Illinois.....	910.9	12,136	2.31	8.50	153.3	37.20
Kentucky.....	175.7	11,574	2.66	7.83	131.9	30.53
Wyoming.....	341.5	8,722	.40	5.10	134.9	23.53
Indonesia.....	151.0	9,419	.14	1.05	155.0	29.20
Total	1,579.2	11,075	1.73	6.98	147.8	32.74

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Company and Plant: Tampa Electric, Davant Transfer²						
1998						
October - December						
Illinois	1,096.3	11,993	2.49	8.96	149.1	35.75
Kentucky	453.5	11,696	2.78	7.43	126.3	29.54
Wyoming	244.9	8,703	.41	5.07	130.3	22.69
Indonesia	148.6	9,454	.20	1.05	154.8	29.27
Total	1,943.4	11,315	2.12	7.51	142.1	32.16
Year to Date						
Illinois	3,735.6	11,999	2.41	8.58	154.4	37.06
Indiana	30.4	10,864	3.03	10.20	125.2	27.20
Kentucky	1,729.7	11,573	2.73	7.76	128.9	29.83
West Virginia	158.3	13,214	2.25	7.56	137.5	36.33
Wyoming	1,064.4	8,724	.40	5.15	134.4	23.45
Indonesia	597.0	9,515	.21	1.09	157.1	29.89
Total	7,315.4	11,241	2.01	7.26	145.6	32.73
Company and Plant: United Illuminating Co, Bridgeport Harbor						
1992						
Kentucky	772.0	13,162	0.55	6.25	195.5	51.47
West Virginia	21.0	13,351	.67	6.20	168.9	45.10
Total	793.0	13,167	.55	6.25	194.8	51.30
1993						
Kentucky	665.0	13,113	.54	7.02	170.6	44.74
West Virginia	75.0	13,426	.67	6.33	168.6	45.29
Total	740.0	13,144	.55	6.95	170.4	44.80
1994						
Kentucky	809.0	13,080	.53	7.41	177.6	46.46
West Virginia	54.0	13,306	.64	6.97	173.8	46.25
Total	863.0	13,094	.54	7.38	177.4	46.45
1995						
Kentucky	836.0	13,109	.56	7.05	188.1	49.32
West Virginia	5.0	13,252	.69	6.50	190.0	50.36
Total	841.0	13,110	.56	7.05	188.1	49.33
1996						
Kentucky	903.0	13,098	.54	7.24	191.2	50.09
Venezuela	28.0	13,174	.61	4.10	185.0	48.74
Total	931.0	13,100	.54	7.14	191.0	50.05
1997						
Kentucky	760.0	13,094	.51	7.41	191.9	50.25
Virginia	4.0	13,830	.72	5.27	184.2	50.94
West Virginia	153.1	13,244	.63	6.85	188.5	49.93
Venezuela	35.0	13,387	.64	4.30	169.6	45.41
Total	952.1	13,132	.54	7.20	190.5	50.02
1998						
January - March						
Kentucky	229.0	13,113	.51	6.89	184.3	48.33
West Virginia	49.0	13,246	.61	7.67	181.3	48.04
Total	278.0	13,137	.53	7.03	183.7	48.28
April - June						
Kentucky	123.0	13,076	.49	7.16	180.6	47.24
West Virginia	15.0	13,346	.63	7.03	181.6	48.47
Venezuela	36.0	13,677	.58	4.00	161.6	44.20
Total	174.0	13,223	.52	6.50	176.6	46.72
July - September						
Kentucky	18.0	13,182	.48	7.00	184.3	48.59
West Virginia	9.0	13,297	.63	6.50	183.0	48.67
Total	27.0	13,220	.53	6.83	183.9	48.61
October - December						
Kentucky	86.0	13,161	.49	7.21	184.5	48.57
West Virginia	22.0	13,423	.61	6.40	181.7	48.78
Venezuela	70.0	12,780	.61	6.22	176.2	45.03
Total	178.0	13,043	.55	6.72	181.0	47.20
Year to Date						
Kentucky	456.0	13,115	.50	7.03	183.3	48.09
West Virginia	95.0	13,308	.61	7.17	181.6	48.34
Venezuela	106.0	13,084	.60	5.47	171.0	44.75
Total	657.0	13,138	.53	6.80	181.1	47.59

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Total of U.S. Electric Utility Plants						
1992						
Alabama	71.9	12,060	2.75	12.94	120.6	29.09
Colorado	1,961.3	11,088	.40	6.66	198.7	44.06
Illinois	3,933.7	11,729	2.79	8.55	190.4	44.67
Indiana	826.6	10,901	2.26	8.78	142.3	31.01
Kentucky	9,906.3	12,654	1.44	7.99	170.5	43.14
Montana	86.2	9,388	.31	4.16	137.5	25.82
Ohio	963.7	12,135	3.62	11.27	104.4	25.35
Pennsylvania	1,340.4	13,123	1.60	7.13	167.3	43.92
Tennessee	268.8	12,861	1.19	6.20	217.6	55.98
Utah	31.6	11,596	.39	8.20	163.8	37.99
Virginia	761.6	12,926	1.03	8.27	176.4	45.60
Washington	2.3	12,366	.72	14.03	154.5	38.21
West Virginia	10,753.8	12,869	1.00	9.20	168.0	43.25
Wyoming	9,242.1	8,427	.40	5.34	138.8	23.40
Canada	48.1	12,432	1.09	6.72	185.1	46.01
Colombia	1,504.1	11,938	.70	6.91	150.9	36.04
Indonesia	13.1	9,587	.14	1.20	166.9	32.00
Venezuela	240.6	13,206	.69	7.18	164.6	43.49
Total	41,956.3	11,561	1.21	7.72	165.2	38.19
1993						
Alabama	72.3	12,337	2.09	11.73	191.1	47.15
Colorado	1,947.6	10,661	.40	6.86	198.9	42.40
Illinois	3,596.4	11,738	2.56	8.43	174.6	40.99
Indiana	485.4	11,003	2.15	8.88	136.5	30.05
Kentucky	9,134.0	12,697	1.33	8.12	174.0	44.19
Maryland	56.2	13,015	1.30	9.55	161.4	42.00
Montana	187.7	9,428	.39	4.58	160.4	30.24
Ohio	1,151.5	12,135	3.57	11.37	102.2	24.81
Pennsylvania	1,451.4	13,093	1.79	7.35	156.7	41.04
Tennessee	304.6	12,740	1.12	7.02	203.7	51.89
Utah	186.5	11,586	.35	8.25	156.1	36.17
Virginia	435.8	12,995	.94	8.99	186.8	48.56
Washington	2.2	10,967	.70	14.47	163.5	35.87
West Virginia	8,787.9	12,904	1.03	8.97	167.0	43.10
Wyoming	11,393.1	8,389	.38	5.24	134.5	22.56
Canada	29.2	10,036	.48	12.60	179.5	36.03
Colombia	3,585.1	11,867	.66	6.85	149.0	35.37
Indonesia	115.8	10,620	.22	2.07	166.1	35.29
Venezuela	897.5	12,874	.67	6.96	166.4	42.84
Total	43,820.3	11,342	1.08	7.43	160.7	36.46
1994						
Alabama	1.5	12,241	2.87	10.00	204.1	49.97
Colorado	2,861.0	11,189	.42	8.16	181.7	40.67
Illinois	4,198.2	11,616	2.44	8.40	164.4	38.19
Indiana	326.8	11,062	1.82	8.77	121.5	26.88
Kentucky	8,908.6	12,635	1.37	8.25	176.8	44.67
Maryland	138.3	13,155	1.38	9.85	149.9	39.43
Montana	1,314.8	9,404	.40	4.78	138.8	26.11
Ohio	937.8	12,266	3.58	10.63	99.0	24.28
Pennsylvania	1,992.6	13,125	1.76	7.34	144.5	37.94
Tennessee	276.1	12,628	1.14	7.43	215.3	54.38
Virginia	127.7	12,926	.87	8.50	173.6	44.89
Washington	3.3	10,865	.72	13.30	165.3	35.91
West Virginia	10,671.9	12,732	.95	9.58	165.3	42.08
Wyoming	10,628.8	8,440	.35	5.15	133.6	22.55
Canada	63.3	10,885	.26	10.53	152.4	33.19
Colombia	2,971.8	11,997	.66	6.76	142.7	34.25
Indonesia	437.3	10,499	.22	1.82	157.4	33.06
South Africa	127.3	11,318	.65	12.60	181.1	41.00
Venezuela	1,355.2	12,649	.76	6.61	172.3	43.60
Total	47,342.4	11,387	1.04	7.59	159.0	36.20
1995						
Colorado	3,552.8	11,471	.42	8.39	170.5	39.12
Illinois	4,594.4	11,754	1.95	7.81	170.7	40.12
Indiana	133.3	11,064	1.31	9.65	116.2	25.72
Kentucky	8,569.5	12,623	1.27	8.01	165.8	41.86
Maryland	265.8	13,113	1.29	9.87	151.1	39.62

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Total of U.S. Electric Utility Plants						
1995						
Montana	1,273.3	9,400	0.38	4.43	140.1	26.34
Ohio	225.7	12,444	3.78	10.17	95.2	23.68
Pennsylvania	2,051.9	13,140	1.78	7.51	137.1	36.04
Tennessee	120.2	12,565	1.12	8.66	229.2	57.59
Texas	40.0	10,540	1.03	21.69	120.2	25.33
Virginia	172.6	13,245	.93	8.77	162.0	42.92
West Virginia	8,366.4	12,623	.81	10.13	162.4	40.99
Wyoming	11,861.9	8,453	.35	5.32	134.3	22.71
Canada	23.8	10,066	.47	13.14	166.0	33.42
Colombia	2,040.1	11,985	.65	6.83	153.9	36.89
Indonesia	428.6	10,181	.35	1.79	149.2	30.37
Venezuela	1,905.7	12,610	.79	6.57	194.1	48.95
Total	45,625.9	11,239	.90	7.46	157.8	35.48
1996						
Colorado	2,481.0	10,807	.41	6.64	143.1	30.94
Illinois	5,346.5	11,951	2.04	7.42	171.3	40.95
Indiana	18.1	11,256	1.58	7.15	97.7	21.99
Kentucky	10,037.7	12,543	1.34	8.53	162.6	40.80
Maryland	277.2	13,143	1.37	9.31	150.2	39.49
Montana	2,167.2	9,394	.40	4.48	141.1	26.51
Ohio	2.3	11,043	2.57	10.80	72.6	16.03
Pennsylvania	1,940.2	13,163	1.75	7.34	142.7	37.56
Virginia	17.9	14,102	.74	5.76	201.2	56.74
West Virginia	10,499.4	12,578	1.07	10.23	153.6	38.63
Wyoming	12,299.2	8,456	.37	5.55	130.7	22.11
Canada	18.0	9,861	.44	12.97	174.6	34.44
Colombia	2,079.9	11,883	.64	7.04	155.7	37.01
Indonesia	833.7	9,741	.31	1.68	150.2	29.26
Venezuela	1,767.6	12,686	.77	6.14	171.7	43.58
Total	49,786.0	11,211	.98	7.46	152.7	34.24
1997						
Alabama	362.4	11,887	2.03	13.36	177.4	42.18
Colorado	1,531.4	10,289	.38	6.11	135.8	27.95
Illinois	4,586.4	11,966	1.99	8.03	172.4	41.26
Indiana	10.0	11,077	1.51	8.06	135.2	29.96
Kentucky	8,984.0	12,435	1.52	9.00	162.8	40.48
Maryland	160.8	13,158	1.46	9.17	147.8	38.89
Montana	3,221.3	9,323	.39	4.56	145.5	27.13
Ohio	201.5	11,728	3.06	12.49	92.6	21.73
Pennsylvania	2,507.1	12,966	1.70	8.40	139.6	36.21
Virginia	201.4	13,250	.88	8.73	160.1	42.43
Washington	1.5	10,616	.70	17.57	154.0	32.71
West Virginia	10,051.5	12,602	.91	10.55	156.8	39.53
Wyoming	12,440.9	8,464	.41	5.54	128.6	21.76
Canada	9.6	10,144	.43	12.25	171.4	34.79
Colombia	2,744.4	12,026	.70	6.71	158.8	38.18
Indonesia	782.0	9,754	.36	1.60	164.6	32.10
Venezuela	1,335.1	12,722	.83	6.40	158.7	40.38
Total	49,131.3	11,116	.98	7.67	152.1	33.81
1998						
January - March						
Alabama	36.4	11,686	1.87	14.34	182.6	42.69
Colorado	376.4	10,469	.35	5.80	140.8	29.49
Illinois	1,312.6	11,978	2.05	7.87	169.4	40.58
Indiana	30.4	10,864	3.03	10.20	125.2	27.20
Kentucky	2,525.3	12,401	1.42	8.57	159.5	39.55
Maryland	7.1	13,367	1.56	9.00	146.1	39.06
Montana	801.7	9,421	.39	4.65	149.0	28.07
Ohio	63.0	11,992	3.02	11.70	98.5	23.62
Pennsylvania	652.7	13,108	1.71	7.51	137.6	36.06
Virginia	27.8	13,259	.81	7.87	171.9	45.58
Washington .....	.8	10,800	.73	72.92	165.2	35.67
West Virginia	2,428.2	12,630	.97	10.18	152.1	38.43
Wyoming	3,281.6	8,471	.40	5.55	125.3	21.22
Colombia	680.8	12,049	.63	6.61	160.8	38.74
Indonesia	73.8	9,507	.38	1.10	163.3	31.05
Venezuela	611.0	13,112	.66	6.29	158.6	41.59
Total	12,909.8	11,190	.99	7.44	149.8	33.52

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Total of U.S. Electric Utility Plants						
1998						
April - June						
Alabama	72.6	13,066	0.73	8.30	152.5	39.84
Colorado	248.2	10,472	.36	5.50	139.8	29.28
Illinois	1,499.6	12,048	1.94	7.72	153.7	37.04
Indiana	1.8	11,343	2.20	8.20	97.7	22.16
Kentucky	2,520.3	12,482	1.43	8.45	156.6	39.10
Maryland	49.5	13,028	1.46	8.56	146.3	38.13
Montana	804.3	9,395	.37	4.37	145.8	27.39
Ohio	82.0	12,366	3.51	10.23	88.4	21.86
Pennsylvania	443.7	13,110	1.73	7.20	136.5	35.79
Virginia	37.4	13,700	.84	5.84	177.9	48.75
Washington .....	.1	10,800	.73	14.00	168.0	36.29
West Virginia	2,273.0	12,544	.81	10.68	152.5	38.26
Wyoming	3,390.9	8,471	.38	5.55	123.1	20.86
Colombia	523.1	11,996	.61	6.18	153.2	36.75
Indonesia	223.5	9,623	.21	1.13	157.9	30.38
Venezuela	459.7	12,849	.83	6.75	154.2	39.63
Total	12,629.7	11,101	.95	7.34	146.1	32.43
July - September						
Alabama	17.5	13,035	.73	8.30	150.5	39.24
Colorado	473.5	10,440	.41	6.33	133.0	27.77
Illinois	1,289.5	12,106	1.98	8.08	150.4	36.42
Kentucky	1,905.4	12,570	1.33	9.02	157.5	39.60
Maryland	61.1	13,234	1.46	8.94	146.3	38.73
Montana	844.1	9,415	.37	4.34	144.7	27.24
Ohio	139.3	12,337	3.58	10.86	91.6	22.60
Pennsylvania	728.1	13,220	1.62	7.16	138.5	36.61
Virginia	45.0	13,796	.78	5.63	176.9	48.80
West Virginia	2,516.2	12,621	.83	10.62	152.8	38.56
Wyoming	4,445.2	8,483	.39	5.47	122.4	20.77
Colombia	607.3	12,060	.66	6.22	153.5	37.01
Indonesia	226.0	9,478	.12	.88	175.0	33.16
Venezuela	719.1	12,741	.75	6.75	155.2	39.56
Total	14,017.5	10,954	.87	7.26	143.7	31.49
October - December						
Alabama	2.2	13,035	.73	8.30	150.4	39.21
Colorado	303.3	10,792	.42	7.05	160.7	34.69
Illinois	1,688.7	12,024	2.08	8.41	146.5	35.24
Indiana	16.7	10,985	1.30	9.63	110.9	24.36
Kentucky	1,935.8	12,455	1.56	8.63	153.9	38.32
Maryland	52.3	13,371	1.49	9.19	146.3	39.12
Montana	381.0	9,422	.34	4.52	151.9	28.61
Ohio	102.0	12,396	3.86	9.97	91.4	22.67
Pennsylvania	738.7	13,205	1.57	6.97	136.6	36.07
Virginia	34.9	13,686	.77	5.73	178.6	48.90
West Virginia	1,881.6	12,656	.93	10.74	147.4	37.31
Wyoming	3,616.1	8,436	.40	5.56	122.5	20.67
Colombia	718.8	11,911	.68	6.52	142.8	34.02
Indonesia	376.2	9,450	.13	1.00	169.2	31.98
Venezuela	413.1	12,739	.69	6.75	158.9	40.49
Total	12,261.4	11,042	1.02	7.34	142.7	31.52
Year to Date						
Alabama	128.7	12,671	1.05	10.01	160.0	40.55
Colorado	1,401.4	10,529	.39	6.20	142.4	30.00
Illinois	5,790.4	12,038	2.02	8.03	154.4	37.18
Indiana	48.9	10,923	2.41	9.93	119.2	26.05
Kentucky	8,886.8	12,472	1.44	8.64	157.0	39.16
Maryland	170.1	13,222	1.47	8.91	146.3	38.69
Montana	2,831.1	9,412	.37	4.46	147.2	27.70
Ohio	386.3	12,303	3.55	10.63	92.0	22.63
Pennsylvania	2,563.2	13,168	1.65	7.20	137.3	36.17
Virginia	145.1	13,642	.80	6.14	176.6	48.19
Washington .....	.9	10,800	.73	66.06	165.5	35.74
West Virginia	9,099.0	12,611	.89	10.54	151.4	38.19
Wyoming	14,733.8	8,466	.39	5.53	123.2	20.87
Colombia	2,530.1	12,002	.65	6.40	152.4	36.57
Indonesia	899.5	9,505	.17	1.01	167.3	31.80

See footnotes at the end of Table A7.

Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1992-1998 (Continued)

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality ¹			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
Total of U.S. Electric Utility Plants						
1998						
Year to Date						
Venezuela	2,202.9	12,866	0.73	6.62	156.7	40.31
Total	51,818.4	11,069	.95	7.34	145.6	32.23

¹ Data reported on quality of coal as received.

² Coal delivered to Tampa Electric (New Orleans) is ultimately shipped to Tampa Electric Bend and Gannon plants incurring an additional transportation cost.

Notes: Total may not equal sum of components because of independent rounding. Only plants that have received imported coal since January 1, 1990, are included.

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

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