

Quarterly Coal Report July-September 1998

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Office of Coal, Nuclear, Electric
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Contacts

This publication was prepared by Paulette Young under the direction of B.D. Hong, Leader, Coal Information Team, Office of Coal, Nuclear, Electric and Alternate Fuels. Questions addressing the Appendix A, *U.S. Coal Imports* section should be directed to

Paulette Young at (202) 426-1150, email **PYOUNG@EIA.DOE.GOV**. All other questions on coal statistics should be directed to the National Energy Information Center (NEIC) at (202) 586-8800, email **INFOCTR@EIA.DOE.GOV**.

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 July through September 1998 and aggregated quarterly historical data for 1992 through the second 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 pro-

duction 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 are preliminary. All data for 1997 are final. U.S coal production data for 1997 and previous years are based on the annual survey Form EIA-7A, "Coal Production Report." 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.

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	279,191	1,839	E 40,994	247,568	18,294	114,114	
April - June	271,612	2,193	E 38,331	243,921	20,500	124,735	
July - September	275,993	2,145	E 39,803	277,427	19,721	111,911	
Total	826,796	6,177		768,915	58,515		

¹ Reported as of the last day of the quarter.

² Total/Annual includes coal consumed by independent power producers to generate electricity 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.

Notes: Consumption data for 1992 through 1997 includes coal consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors. 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	Producer and Distributor Stocks ¹	Consumption ²	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	5,218	385	1,110	5,733	79
April - June	4,972	372	866	5,354	208
July - September	4,950	685	857	5,495	148
Total	15,139	1,442		16,582	436

¹ Reported as of the last day of the quarter.

² 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.....	279,191	271,612	275,993	NA	826,796

NA Not available.

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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
Alabama.....	5,338	5,647	5,630	17,367	18,672	-7.0
Alaska.....	268	393	322	1,028	1,012	1.5
Arizona.....	2,507	2,616	2,921	8,258	8,526	-3.1
Arkansas.....	9	8	5	24	13	92.3
Colorado.....	7,876	7,424	6,653	22,333	21,714	2.9
Illinois.....	9,104	10,603	9,382	28,702	31,490	-8.9
Indiana.....	9,498	8,996	9,628	27,712	25,825	7.3
Kansas.....	60	97	74	252	271	-7.2
Kentucky Total.....	35,989	33,988	38,281	109,308	116,126	-5.9
Eastern.....	28,357	26,539	29,172	85,651	90,610	-5.5
Western.....	7,632	7,449	9,109	23,657	25,517	-7.3
Louisiana.....	859	736	991	2,344	2,754	-14.9
Maryland.....	1,075	912	1,134	3,097	3,255	-4.8
Missouri.....	119	82	95	274	309	-11.3
Montana.....	10,805	10,638	10,276	31,898	29,224	9.1
New Mexico.....	7,161	6,820	7,171	20,603	20,893	-1.4
North Dakota.....	7,720	6,911	7,392	22,425	21,801	2.9
Ohio.....	5,554	7,845	7,123	20,994	21,416	-2.0
Oklahoma.....	404	457	376	1,277	1,198	6.6
Pennsylvania Total.....	19,372	18,471	18,649	57,450	56,282	2.1
Anthracite.....	1,227	952	1,224	3,100	3,431	-9.7
Bituminous.....	18,146	17,519	17,425	54,350	52,851	2.8
Tennessee.....	651	659	782	1,966	2,550	-22.9
Texas.....	13,527	13,081	14,430	39,431	40,226	-2.0
Utah.....	6,792	5,808	6,102	18,967	19,991	-5.1
Virginia.....	8,474	8,160	8,701	24,934	26,920	-7.4
Washington.....	1,356	1,191	1,421	3,441	3,201	7.5
West Virginia Total.....	41,449	43,348	41,535	129,538	131,380	-1.4
Northern.....	11,356	11,689	9,866	35,806	32,539	10.0
Southern.....	30,093	31,659	31,669	93,732	98,841	-5.2
Wyoming.....	80,026	76,723	72,574	233,171	210,815	10.6
Appalachian Total.....	110,270	111,580	112,727	340,998	351,085	-2.9
Interior Total.....	41,212	41,509	44,092	123,674	127,603	-3.1
Western Total.....	124,511	118,523	114,832	362,124	337,179	7.4
East of the Miss. River.....	136,504	138,628	140,846	421,069	433,917	-3.0
West of the Miss. River.....	139,490	132,984	130,804	405,727	381,950	6.2
U.S. Total.....	275,993	271,612	271,650	826,796	815,866	1.3

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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
Middle Atlantic Total	1,620	1,628	2,277	5,294	6,751	-21.6
East North Central Total	2,150	2,148	2,249	6,417	6,658	-3.6
South Atlantic Total	w	w	w	w	w	w
East South Central Total	736	764	886	2,217	2,613	-15.1
Mountain Total	w	w	w	w	w	w
U.S. Total	5,242	5,277	5,902	16,045	17,563	-8.6
Coke Total	4,950	4,972	5,598	15,139	16,638	-9.0
Breeze Total	292	305	304	906	925	-2.1

^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.....	18,294	1,839	20,500	2,193	19,721	2,145	NA	NA	58,515	6,177

NA Not available.

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.....	41.90	33.98	38.60	31.43	37.70	32.38	NA	NA	NA	NA

NA Not available.

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	6,324,478	6,220,099	5,973,329	14,999,821	11,921,692	25.8
Canada ¹	6,036,838	5,806,393	5,381,781	13,842,937	10,400,929	33.1
Dominican Republic.....	-	21,108	18,952	65,009	18,952	243.0
Jamaica.....	-	-	-	14,779	27,844	-46.9
Mexico.....	287,338	388,769	569,797	1,069,551	1,465,552	-27.0
Other ²	302	3,829	2,799	7,545	8,415	-10.3
South America Total	1,811,858	1,824,955	2,329,485	5,645,050	6,495,016	-13.1
Argentina.....	94,050	88,108	92,779	271,915	269,671	.8
Brazil.....	1,710,939	1,675,778	2,102,955	5,175,685	5,857,525	-11.6
Chile.....	39	434	49,720	50,752	145,719	-65.2
Other ²	6,830	60,635	84,031	146,698	222,101	-33.9
Europe Total	8,063,699	8,847,729	9,739,335	26,286,601	31,615,328	-16.9
Belgium & Luxembourg.....	542,543	964,236	1,069,286	2,494,319	3,281,922	-24.0
Bulgaria.....	110,431	372,706	338,813	989,368	1,002,317	-1.3
Denmark.....	-	119,524	125,224	274,433	350,071	-21.6
Finland.....	74,672	202,862	218,519	277,534	422,900	-34.4
France.....	603,685	792,175	741,135	2,270,109	2,566,041	-11.5
Germany, FR.....	529,953	375,650	239,689	1,144,410	667,347	71.5
Iceland.....	11,526	14,473	15,479	38,950	40,621	-4.1
Ireland.....	378,538	134,670	231,143	1,004,709	613,277	63.8
Italy.....	1,208,817	1,459,751	1,882,364	4,280,909	5,472,331	-21.8
Netherlands.....	1,226,230	929,105	1,109,351	3,324,749	3,718,789	-10.6
Norway.....	26,599	13,246	18,030	64,936	72,763	-10.8
Portugal.....	197,023	205,670	452,719	550,528	1,021,786	-46.1
Romania.....	97,297	533,098	546,946	981,380	1,572,427	-37.6
Spain.....	931,334	806,531	1,039,236	2,614,018	3,193,576	-18.1
Sweden.....	227,580	81,004	255,095	386,156	424,824	-9.1
Turkey.....	256,694	427,660	452,019	1,294,303	1,705,646	-24.1
United Kingdom.....	1,640,727	1,415,188	1,004,287	4,293,295	5,482,123	-21.7
Other ²	50	180	-	2,495	6,567	-62.0
Asia Total	2,872,136	2,848,527	3,807,094	9,420,891	10,985,220	-14.2
China (Taiwan).....	383,736	406,838	467,909	1,064,983	1,492,709	-28.7
Israel.....	-	151,191	194,339	333,513	525,976	-36.6
Japan.....	1,905,426	1,602,131	2,123,870	6,000,107	6,311,112	-4.9
Korea, Republic of.....	569,936	667,827	866,441	1,958,047	2,464,568	-20.6
Other ²	13,038	20,540	154,535	64,241	190,855	-66.3
Oceania & Australia Total	21	170	204	4,154	813	410.9
Africa Total	649,249	758,073	504,993	2,158,241	1,950,709	10.6
Algeria.....	114,186	55,102	99,069	283,811	209,079	35.7
Egypt.....	101,309	367,253	226,906	785,433	862,628	-8.9
Morocco.....	-	68,102	-	68,102	141,980	-52.0
South Africa, Rep of.....	433,754	264,095	165,517	1,013,158	723,193	40.1
Other ²	-	3,521	13,501	7,737	13,829	-44.1
Total	19,721,441	20,499,553	22,354,440	58,514,758	62,968,778	-7.1

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.

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$27.02	\$28.54	\$30.01	\$28.07	\$30.67	-8.5
Canada ¹	26.55	28.07	28.63	27.39	29.30	-6.5
Dominican Republic.....	-	36.74	36.74	36.74	36.74	*
Jamaica.....	-	-	-	39.69	41.96	-5.4
Mexico.....	36.53	34.87	43.07	35.89	40.00	-10.3
Other ²	40.74	40.79	36.50	40.99	39.37	4.1
South America Total	42.13	43.49	43.86	42.94	43.85	-2.1
Argentina.....	44.20	43.39	49.01	44.77	48.03	-6.8
Brazil.....	42.02	43.52	44.11	43.02	44.05	-2.3
Chile.....	-	40.75	28.83	28.67	32.24	-11.1
Other ²	50.63	42.68	40.81	41.63	40.83	1.9
Europe Total	42.60	43.23	42.78	43.50	42.67	1.9
Belgium & Luxembourg.....	48.17	44.62	43.16	46.30	45.47	1.8
Bulgaria.....	44.26	42.58	45.60	44.57	46.43	-4.0
Denmark.....	-	34.02	28.44	34.02	31.72	7.2
Finland.....	40.32	40.46	44.03	40.42	42.81	-5.6
France.....	45.66	46.06	48.03	46.12	46.29	-4
Germany, FR.....	33.01	33.87	41.28	35.08	43.60	-19.5
Iceland.....	54.16	56.60	59.91	55.88	59.86	-6.6
Ireland.....	35.01	37.42	37.42	36.65	37.64	-2.6
Italy.....	47.12	46.75	44.92	46.69	45.23	3.2
Netherlands.....	45.68	44.17	45.90	45.75	44.90	1.9
Norway.....	53.92	57.11	-	55.64	-	-
Portugal.....	37.83	37.39	37.24	38.27	36.94	3.6
Romania.....	41.28	42.35	39.78	42.48	44.86	-5.3
Spain.....	43.67	41.91	34.77	43.28	35.58	21.7
Sweden.....	47.01	46.80	47.98	47.26	48.11	-1.8
Turkey.....	44.35	46.32	46.46	45.28	46.43	-2.5
United Kingdom.....	37.75	41.36	41.99	39.84	38.58	3.3
Other ²	-	40.58	-	34.93	34.59	1.0
Asia Total	39.11	39.66	39.40	39.74	39.97	-6
China (Taiwan).....	37.33	34.34	36.62	36.01	36.46	-1.2
Israel.....	-	31.93	36.95	34.18	37.05	-7.8
Japan.....	37.94	39.97	38.95	39.11	39.42	-8
Korea, Republic of.....	43.83	43.87	43.11	44.52	44.40	.3
Other ²	56.05	39.91	36.41	43.65	36.18	20.7
Oceania & Australia Total	-	40.61	40.71	50.70	40.79	24.3
Africa Total	45.89	44.77	47.40	45.60	48.45	-5.9
Algeria.....	42.82	41.30	45.36	43.46	46.42	-6.4
Egypt.....	44.21	44.53	49.81	44.25	52.05	-15.0
Morocco.....	-	31.57	-	31.57	30.67	2.9
South Africa, Rep of.....	47.09	49.28	46.14	48.33	48.45	-2
Other ²	-	40.81	37.23	38.85	37.31	4.1
Total ³	37.29	38.40	39.05	39.04	40.28	-3.1
U.S. Total ⁴	37.70	38.60	39.42	39.33	40.60	-3.1

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.

* 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.

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	4,764,719	4,880,569	4,066,210	11,597,241	8,304,175	39.7
Canada ¹	4,479,036	4,482,781	3,606,507	10,459,118	7,101,134	47.3
Dominican Republic.....	-	21,108	18,952	65,009	18,952	243.0
Jamaica.....	-	-	-	14,779	27,844	-46.9
Mexico.....	285,381	372,851	437,952	1,050,790	1,147,830	-8.5
Other ²	302	3,829	2,799	7,545	8,415	-10.3
South America Total	13,375	45,284	140,305	203,956	492,108	-58.6
Argentina.....	233	5,394	4,532	20,612	38,751	-46.8
Brazil.....	6,344	9,323	2,022	16,467	85,537	-80.7
Chile.....	39	434	49,720	50,752	145,719	-65.2
Other ²	6,759	30,133	84,031	116,125	222,101	-47.7
Europe Total	1,931,999	1,940,154	3,078,279	6,066,910	10,280,050	-41.0
Belgium & Luxembourg.....	-	127,994	364,019	254,513	739,606	-65.6
Denmark.....	-	119,524	125,224	274,433	350,071	-21.6
Finland.....	-	-	-	-	60,361	-
France.....	7,512	-	-	88,708	201,479	-56.0
Germany, FR.....	433,685	263,730	61,800	826,410	191,300	332.0
Ireland.....	378,538	134,670	231,143	1,004,709	492,456	104.0
Italy.....	7,105	283,892	779,034	681,689	2,088,695	-67.4
Netherlands.....	60,735	102,494	139,798	213,798	568,088	-62.4
Norway.....	7,085	-	-	7,085	6,638	6.7
Portugal.....	125,572	132,921	382,080	339,711	878,348	-61.3
Romania.....	-	-	95,536	-	95,536	-
Spain.....	165,000	248,445	526,289	581,397	1,578,599	-63.2
Turkey.....	1,894	295	1,330	3,114	3,105	.3
United Kingdom.....	744,823	526,009	372,026	1,788,848	3,019,201	-40.8
Other ²	50	180	-	2,495	6,567	-62.0
Asia Total	1,305,632	1,073,263	1,863,777	4,034,661	5,002,891	-19.4
China (Taiwan).....	253,376	406,838	318,878	855,796	1,205,945	-29.0
Israel.....	-	115,597	156,693	260,228	456,235	-43.0
Japan.....	926,923	372,662	917,510	2,430,828	2,527,493	-3.8
Korea, Republic of.....	112,295	157,626	327,628	423,568	645,677	-34.4
Other ²	13,038	20,540	143,068	64,241	167,541	-61.7
Oceania & Australia Total	21	170	204	1,323	813	62.7
Africa Total	-	72,347	13,501	76,563	156,810	-51.2
Egypt.....	-	724	-	724	1,001	-27.7
Morocco.....	-	68,102	-	68,102	141,980	-52.0
Other ²	-	3,521	13,501	7,737	13,829	-44.1
Total	8,015,746	8,011,787	9,162,276	21,980,654	24,236,847	-9.3

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$25.19	\$25.69	\$27.94	\$25.96	\$28.66	-9.4
Canada ¹	24.44	24.89	26.37	24.86	27.09	-8.3
Dominican Republic.....	-	36.74	36.74	36.74	36.74	*
Jamaica.....	-	-	-	39.69	41.96	-5.4
Mexico.....	36.53	34.21	40.19	35.68	37.44	-4.7
Other ²	40.74	40.79	36.50	40.99	39.37	4.1
South America Total	40.81	40.85	36.56	37.69	38.47	-2.0
Argentina.....	-	40.80	40.80	40.80	40.78	*
Brazil.....	40.81	40.80	40.77	40.81	42.19	-3.3
Chile.....	-	40.75	28.83	28.67	32.24	-11.1
Other ²	-	40.88	40.81	40.83	40.83	*
Europe Total	29.56	31.71	32.75	31.83	32.40	-1.8
Belgium & Luxembourg.....	-	35.38	35.77	35.28	36.43	-3.2
Denmark.....	-	34.02	28.44	34.02	31.72	7.2
Finland.....	-	-	-	-	36.20	-
France.....	35.52	-	-	36.14	35.54	1.7
Germany, FR.....	30.24	28.64	27.22	30.63	34.43	-11.1
Ireland.....	35.01	37.42	37.42	36.65	37.70	-2.8
Italy.....	40.80	38.72	38.11	38.72	39.40	-1.7
Netherlands.....	27.62	28.30	33.02	27.31	32.44	-15.8
Norway.....	56.93	-	-	56.93	-	-
Portugal.....	33.02	33.02	35.99	33.94	35.72	-5.0
Romania.....	-	-	29.17	-	29.17	-
Spain.....	22.09	22.11	21.59	21.73	21.82	-4
Turkey.....	40.80	40.74	40.82	40.78	40.79	*
United Kingdom.....	27.16	29.81	31.29	28.77	30.01	-4.1
Other ²	-	40.58	-	34.93	34.59	1.0
Asia Total	34.12	33.91	34.65	34.43	35.12	-2.0
China (Taiwan).....	34.52	34.34	34.21	34.44	34.91	-1.3
Israel.....	-	32.34	36.10	33.75	35.92	-6.0
Japan.....	33.66	33.78	34.19	34.08	35.10	-2.9
Korea, Republic of.....	34.41	33.48	35.64	35.43	35.49	-2
Other ²	56.05	39.91	34.74	43.65	33.21	31.4
Oceania & Australia Total	-	40.61	40.71	40.78	40.79	*
Africa Total	-	32.10	37.23	32.38	31.32	3.4
Egypt.....	-	39.88	-	39.88	40.82	-2.3
Morocco.....	-	31.57	-	31.57	30.67	2.9
Other ²	-	40.81	37.23	38.85	37.31	4.1
Total ³	27.75	28.40	31.11	29.31	31.84	-8.0
U.S. Total ⁴	28.60	29.18	31.77	30.05	32.60	-7.8

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	1,559,759	1,339,530	1,907,119	3,402,580	3,617,517	-5.9
Canada ¹	1,557,802	1,323,612	1,775,274	3,383,819	3,299,795	2.5
Mexico.....	1,957	15,918	131,845	18,761	317,722	-94.1
South America Total	1,798,483	1,779,671	2,189,180	5,441,094	6,002,908	-9.4
Argentina.....	93,817	82,714	88,247	251,303	230,920	8.8
Brazil.....	1,704,595	1,666,455	2,100,933	5,159,218	5,771,988	-10.6
Other ²	71	30,502	-	30,573	-	-
Europe Total	6,131,700	6,907,575	6,661,056	20,219,691	21,335,278	-5.2
Belgium & Luxembourg.....	542,543	836,242	705,267	2,239,806	2,542,316	-11.9
Bulgaria.....	110,431	372,706	338,813	989,368	1,002,317	-1.3
Finland.....	74,672	202,862	218,519	277,534	362,539	-23.4
France.....	596,173	792,175	741,135	2,181,401	2,364,562	-7.7
Germany, FR.....	96,268	111,920	177,889	318,000	476,047	-33.2
Iceland.....	11,526	14,473	15,479	38,950	40,621	-4.1
Ireland.....	-	-	-	-	120,821	-
Italy.....	1,201,712	1,175,859	1,103,330	3,599,220	3,383,636	6.4
Netherlands.....	1,165,495	826,611	969,553	3,110,951	3,150,701	-1.3
Norway.....	19,514	13,246	18,030	57,851	66,125	-12.5
Portugal.....	71,451	72,749	70,639	210,817	143,438	47.0
Romania.....	97,297	533,098	451,410	981,380	1,476,891	-33.6
Spain.....	766,334	558,086	512,947	2,032,621	1,614,977	25.9
Sweden.....	227,580	81,004	255,095	386,156	424,824	-9.1
Turkey.....	254,800	427,365	450,689	1,291,189	1,702,541	-24.2
United Kingdom.....	895,904	889,179	632,261	2,504,447	2,462,922	1.7
Asia Total	1,566,504	1,775,264	1,943,317	5,386,230	5,982,329	-10.0
China (Taiwan).....	130,360	-	149,031	209,187	286,764	-27.1
Israel.....	-	35,594	37,646	73,285	69,741	5.1
Japan.....	978,503	1,229,469	1,206,360	3,569,279	3,783,619	-5.7
Korea, Republic of.....	457,641	510,201	538,813	1,534,479	1,818,891	-15.6
Other ²	-	-	11,467	-	23,314	-
Oceania & Australia Total	-	-	-	2,831	-	-
Africa Total	649,249	685,726	491,492	2,081,678	1,793,899	16.0
Algeria.....	114,186	55,102	99,069	283,811	209,079	35.7
Egypt.....	101,309	366,529	226,906	784,709	861,627	-8.9
South Africa, Rep of.....	433,754	264,095	165,517	1,013,158	723,193	40.1
Total	11,705,695	12,487,766	13,192,164	36,534,104	38,731,931	-5.7

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.

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$32.86	\$38.63	\$34.32	\$35.27	\$35.10	0.5
Canada ¹	32.86	38.49	33.04	35.20	33.80	4.2
Mexico.....	-	50.29	53.50	50.29	49.92	.8
South America Total	42.14	43.55	44.33	43.13	44.28	-2.6
Argentina.....	44.20	43.54	49.42	45.09	49.23	-8.4
Brazil.....	42.02	43.53	44.12	43.03	44.08	-2.4
Other ²	50.63	44.45	-	44.47	-	-
Europe Total	46.71	46.31	47.50	46.94	47.65	-1.5
Belgium & Luxembourg.....	48.17	46.04	46.98	47.55	48.10	-1.1
Bulgaria.....	44.26	42.58	45.60	44.57	46.43	-4.0
Finland.....	40.32	40.46	44.03	40.42	43.91	-7.9
France.....	45.79	46.06	48.03	46.53	47.20	-1.4
Germany, FR.....	45.47	46.21	46.16	46.65	47.28	-1.3
Iceland.....	54.16	56.60	59.91	55.88	59.86	-6.6
Ireland.....	-	-	-	-	37.42	-
Italy.....	47.16	48.69	49.73	48.20	48.82	-1.3
Netherlands.....	46.62	46.00	47.76	46.92	47.14	-0.5
Norway.....	52.82	57.11	-	55.46	-	-
Portugal.....	46.27	45.36	44.00	45.24	44.46	1.7
Romania.....	41.28	42.35	42.80	42.48	45.97	-7.6
Spain.....	48.31	47.67	48.29	48.53	49.03	-1.0
Sweden.....	47.01	46.80	47.98	47.26	48.11	-1.8
Turkey.....	44.38	46.33	46.47	45.30	46.44	-2.5
United Kingdom.....	46.55	48.20	48.29	47.74	49.08	-2.7
Asia Total	43.27	43.13	43.96	43.72	44.02	-0.7
China (Taiwan).....	42.81	-	41.76	42.45	42.98	-1.2
Israel.....	-	30.58	40.51	35.69	44.45	-19.7
Japan.....	41.99	41.85	42.57	42.54	42.30	.5
Korea, Republic of.....	46.14	47.08	47.65	47.02	47.57	-1.2
Other ²	-	-	57.29	-	57.41	-
Oceania & Australia Total	-	-	-	55.11	-	-
Africa Total	45.89	46.10	47.68	46.10	49.95	-7.7
Algeria.....	42.82	41.30	45.36	43.46	46.42	-6.4
Egypt.....	44.21	44.54	49.81	44.25	52.06	-15.0
South Africa, Rep of.....	47.09	49.28	46.14	48.33	48.45	-0.2
Total ³	43.76	44.63	44.54	44.79	45.50	-1.6
U.S. Total ⁴	43.93	44.65	44.73	44.91	45.61	-1.5

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
Eastern Total	12,077,137	12,799,537	12,941,100	37,875,915	39,659,643	-4.5
Baltimore, MD.....	1,734,158	1,511,366	1,512,173	5,388,236	5,344,651	.8
Portland, ME.....	28,897	702	50	131,450	288	(¹)
Buffalo, NY.....	1,678,925	1,500,525	994,937	3,659,620	2,361,919	54.9
New York City, NY.....	448	5,965	1,814	8,960	3,037	195.0
Ogdensburg, NY.....	14,473	47,791	10,027	69,126	53,339	29.6
Philadelphia, PA.....	66,586	58,377	89,137	169,633	220,807	-23.2
Norfolk, VA.....	8,553,650	9,674,811	10,332,962	28,448,890	31,674,585	-10.2
St. Albans, VT.....	-	-	-	-	1,017	-
Southern Total	2,615,390	2,852,580	3,911,939	8,338,681	12,162,093	-31.4
Mobile, AL.....	1,002,465	1,343,999	1,286,153	3,497,066	4,197,215	-16.7
Savannah, GA.....	99	293	8,858	1,502	36,513	-95.9
Miami, FL.....	302	184	35	1,378	196	(¹)
Tampa, FL.....	90	-	45	90	90	.0
New Orleans, LA.....	1,309,992	1,055,103	2,006,423	3,464,039	6,175,540	-43.9
Wilmington, NC.....	-	-	40	-	60	-
San Juan, PR.....	-	-	-	39,742	23	(¹)
Charleston, SC.....	6	68	33,509	97	158,884	-99.9
El Paso, TX.....	-	-	9	-	9	-
Houston-Galveston, TX.....	15,098	64,164	125,601	267,819	419,633	-36.2
Laredo, TX.....	287,338	388,769	451,266	1,066,948	1,173,930	-9.1
Western Total	879,985	717,975	1,210,553	2,812,995	3,549,689	-20.8
Anchorage, AK.....	78,574	187,230	158,396	343,385	473,396	-27.5
Los Angeles, CA.....	801,237	530,607	987,878	2,463,564	2,903,084	-15.1
San Diego, CA.....	-	-	22	2,603	263	(¹)
San Francisco, CA.....	-	-	-	2,831	73,587	-96.2
Great Falls, MT.....	55	-	171	126	313	-59.7
Seattle, WA.....	119	138	64,086	486	99,046	-99.5
Northern Total	4,143,946	4,123,578	4,283,689	9,469,953	7,578,462	25.0
Detroit, MI.....	671,866	398,910	409,580	1,206,431	1,896,973	-36.4
Duluth, MN.....	397,984	90,655	-	488,639	184	(¹)
Pembina, ND.....	266	317	280	1,160	478	142.7
Cleveland, OH.....	3,073,830	3,633,651	3,873,829	7,773,678	5,680,827	36.8
Milwaukee, WI.....	-	45	-	45	-	-
Other Ports	4,983	5,883	7,159	17,214	18,891	-8.9
Total	19,721,441	20,499,553	22,354,440	58,514,758	62,968,778	-7.1

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	129,675	208,216	253,462	412,682	537,274	-23.2
Canada ¹	83,298	117,286	182,391	202,740	369,760	-45.2
Mexico.....	43,991	89,810	70,092	205,940	165,677	24.3
Other ²	2,386	1,120	979	4,002	1,837	117.9
South America Total	1,367	-	7,010	1,367	18,573	-92.6
Europe Total	17,014	-	-	21,718	50,241	-56.8
Other ²	17,014	-	-	21,718	50,241	-56.8
Total	148,056	208,216	260,472	435,767	606,088	-28.1

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.

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	368,146	298,448	307,761	798,053	806,190	-1.0
Canada.....	368,146	297,754	307,761	797,359	805,837	-1.1
Mexico.....	-	694	-	694	353	96.6
South America Total	1,360,094	1,489,803	1,496,671	4,275,349	3,300,633	29.5
Argentina.....	-	-	-	-	13	-
Colombia.....	850,027	844,210	1,042,034	2,352,874	2,409,248	-2.3
Venezuela.....	510,067	645,593	454,637	1,922,475	891,372	115.7
Europe Total	2,304	437	2,416	6,839	18,337	-62.7
Belgium & Luxembourg.....	1,850	-	2,393	3,697	4,872	-24.1
Germany, FR.....	-	-	19	-	20	-
Italy.....	-	-	-	25	-	-
Norway.....	-	-	-	-	13,441	-
United Kingdom.....	454	437	4	3,117	4	(↓)
Asia Total	344,275	403,818	415,306	994,555	1,010,504	-1.6
China (Mainland).....	329	525	478	1,669	930	79.5
Hong Kong.....	10	-	-	10	-	-
Indonesia.....	343,936	403,293	394,371	992,876	976,993	1.6
Vietnam.....	-	-	20,457	-	32,581	-
Oceania & Australia Total	70,510	-	-	102,033	125,463	-18.7
Australia.....	28,071	-	-	59,594	84,458	-29.4
New Zealand.....	42,439	-	-	42,439	41,005	3.5
Total	2,145,329	2,192,506	2,222,154	6,176,829	5,261,127	17.4

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	\$35.91	\$33.83	\$39.18	\$34.78	\$36.83	-5.6
Canada.....	35.91	33.83	39.18	34.78	36.83	-5.6
South America Total	30.61	30.01	32.27	31.09	32.38	-4.0
Colombia.....	30.91	30.42	32.38	31.32	32.39	-3.3
Venezuela.....	30.12	29.48	32.01	30.80	32.35	-4.8
Europe Total	-	-	-	42.03	-	-
United Kingdom.....	-	-	-	42.03	-	-
Asia Total	32.10	32.87	32.88	34.22	33.14	3.3
Indonesia.....	32.10	32.87	32.04	34.22	32.80	4.3
Vietnam.....	-	-	49.09	-	49.09	-
Oceania & Australia Total	32.08	-	-	31.69	34.21	-7.4
Australia.....	32.08	-	-	31.69	34.21	-7.4
Total ¹	31.76	31.04	33.29	32.04	33.20	-3.5
U.S. Total ²	32.38	31.43	33.69	32.52	34.24	-5.0

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	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
Eastern Total	562,810	449,097	843,849	1,736,100	1,828,580	-5.1
Boston, MA	268,853	228,234	553,068	963,006	1,177,250	-18.2
Portland, ME.....	143,717	116,021	64,731	294,419	220,699	33.4
Buffalo, NY.....	1,850	-	2,415	3,697	4,894	-24.5
New York City, NY.....	148,390	104,842	179,114	410,624	353,990	16.0
Philadelphia, PA.....	-	-	44,502	64,354	71,728	-10.3
Norfolk, VA.....	-	-	19	-	19	-
Southern Total	1,067,553	1,258,316	895,657	3,105,062	2,057,900	50.9
Mobile, AL	243,463	356,851	53,408	697,580	152,273	358.1
Savannah, GA.....	156,398	63,824	92,415	296,283	161,335	83.6
Miami, FL.....	-	45,093	-	90,381	13	(¹)
Tampa, FL.....	323,509	340,463	457,792	1,006,977	1,022,346	-1.5
New Orleans, LA.....	267,889	223,471	219,944	644,961	548,000	17.7
San Juan, PR.....	33,799	54,186	51,641	145,889	140,999	3.5
Houston-Galveston, TX.....	42,495	117,290	20,457	165,853	32,581	409.0
Laredo, TX.....	-	694	-	694	353	96.6
Virgin Islands	-	56,444	-	56,444	-	-
Western Total	189,758	212,168	189,299	632,391	626,351	1.0
Los Angeles, CA.....	-	-	-	-	149	-
Honolulu, HI.....	146,557	179,822	174,427	529,713	554,457	-4.5
Great Falls, MT.....	-	-	-	-	281	-
Portland, OR.....	-	6,992	-	6,992	13,441	-48.0
Seattle, WA.....	43,201	25,354	14,872	95,686	58,023	64.9
Northern Total	325,208	272,925	293,349	703,276	748,296	-6.0
Chicago, IL.....	33,083	33,746	113,555	66,829	206,312	-67.6
Detroit, MI.....	131,814	63,314	95,026	229,942	226,379	1.6
Duluth, MN.....	-	-	-	-	416	-
Pembina, ND.....	160,048	175,340	84,290	404,902	314,408	28.8
Milwaukee, WI.....	263	525	478	1,603	781	105.2
Total	2,145,329	2,192,506	2,222,154	6,176,829	5,261,127	17.4

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 IM 145."

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

Continent and Country of Origin	July - September 1998	April - June 1998	July - September 1997	Year to date		
				1998	1997	Percent Change
North America Total	15,705	7,414	2,849	27,246	17,835	52.8
Canada.....	15,705	7,414	2,849	27,246	17,835	52.8
Asia Total	669,457	364,844	493,986	1,414,714	1,160,651	21.9
China (Mainland).....	442,641	140,332	222,272	781,881	410,970	90.3
Japan.....	226,816	224,512	271,714	632,833	749,681	-15.6
Total	685,162	372,258	496,835	1,441,960	1,178,486	22.4

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	18,570	1,939	254,285
Total	880,588	29,550	70,612	6,463	987,213
1998 January - March	225,000	6,840	17,213	1,939	250,992
April - June	227,349	6,972	18,614	1,293	254,227
July - September	240,508	6,815	17,211	1,293	265,827
Total	692,856	20,628	53,038	4,524	771,046

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	25.85	45.65	32.77
April - June.....	25.90	46.05	31.88
July - September.....	25.63	46.38	32.12

¹ Manufacturing plants only.

Notes: Total may not equal sum of components because of independent rounding. Average price is based on the cost, including insurance and freight (c.i.f. cost). 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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
New England Total	1,385	1,762	1,812	5,174	5,537	-6.6
Connecticut.....	28	175	212	484	764	-36.7
Maine.....	50	27	48	115	150	-23.1
Massachusetts.....	847	1,205	1,132	3,361	3,403	-1.2
New Hampshire.....	431	327	418	1,130	1,216	-7.1
Rhode Island.....	1	1	1	2	2	.0
Vermont.....	27	27	1	82	2	NM
Middle Atlantic Total	18,270	17,464	18,283	53,639	54,151	-.9
New Jersey.....	625	553	393	1,594	1,522	4.7
New York.....	3,293	3,086	2,951	9,046	8,047	12.4
Pennsylvania.....	14,352	13,825	14,938	43,000	44,582	-3.5
East North Central Total	60,615	59,644	58,997	175,836	171,161	2.7
Illinois.....	11,421	11,187	11,352	34,276	35,592	-3.7
Indiana.....	17,105	16,482	16,110	50,470	47,452	6.4
Michigan.....	10,754	10,730	9,995	27,909	25,096	11.2
Ohio.....	14,884	14,570	14,687	44,433	43,675	1.7
Wisconsin.....	6,452	6,676	6,852	18,748	19,345	-3.1
West North Central Total	37,817	35,417	34,843	109,845	99,612	10.3
Iowa.....	6,747	6,374	5,011	18,449	14,944	23.5
Kansas.....	4,644	4,680	4,470	14,103	12,505	12.8
Minnesota.....	5,098	4,287	5,110	14,458	14,122	2.4
Missouri.....	10,042	9,849	9,551	29,723	26,222	13.4
Nebraska.....	3,041	2,985	2,906	9,076	8,443	7.5
North Dakota.....	7,746	6,653	7,228	22,389	21,652	3.4
South Dakota.....	498	589	566	1,647	1,725	-4.5
South Atlantic Total	45,038	42,951	41,463	130,889	122,701	6.7
Delaware.....	685	378	497	1,486	1,452	2.3
District of Columbia.....	8	8	8	28	28	.0
Florida.....	7,069	7,455	7,397	21,597	21,611	-.1
Georgia.....	9,791	7,881	7,947	25,641	22,626	13.3
Maryland.....	2,895	2,885	2,770	8,778	8,083	8.6
North Carolina.....	7,567	7,135	7,199	22,252	21,583	3.1
South Carolina.....	3,680	3,846	3,485	11,146	10,239	8.9
Virginia.....	4,373	3,870	3,967	12,156	11,571	5.1
West Virginia.....	8,969	9,494	8,192	27,806	25,507	9.0
East South Central Total	28,650	27,554	28,890	85,038	86,133	-1.3
Alabama.....	8,925	8,531	8,784	26,249	27,224	-3.6
Kentucky.....	9,995	10,336	10,908	30,906	32,187	-4.0
Mississippi.....	1,696	1,655	1,760	4,855	4,756	2.1
Tennessee.....	8,035	7,031	7,439	23,028	21,966	4.8
West South Central Total	40,714	37,125	37,287	112,888	106,826	5.7
Arkansas.....	4,058	3,603	3,114	10,780	9,147	17.9
Louisiana.....	4,029	3,191	3,536	10,507	10,088	4.2
Oklahoma.....	5,027	5,361	4,928	15,729	14,776	6.5
Texas.....	27,601	24,970	25,709	75,873	72,816	4.2
Mountain Total	30,281	28,007	27,817	87,593	80,778	8.4
Arizona.....	5,158	4,827	4,554	14,630	12,573	16.4
Colorado.....	4,855	4,591	4,621	14,068	13,181	6.7
Idaho.....	153	73	122	343	321	6.7
Montana.....	2,871	2,317	2,629	7,871	6,635	18.6
Nevada.....	2,319	1,472	1,737	6,018	5,089	18.2
New Mexico.....	4,345	3,692	4,059	11,673	12,029	-3.0
Utah.....	3,905	4,365	3,726	12,562	12,432	1.0
Wyoming.....	6,676	6,668	6,370	20,428	18,518	10.3
Pacific Total	3,056	4,303	2,513	10,143	6,028	68.3
Alaska.....	101	101	101	353	354	-.3
California.....	690	699	503	2,113	1,553	36.1
Hawaii.....	33	5	18	109	102	6.9
Oregon.....	420	1,779	335	2,892	487	494.0
Washington.....	1,811	1,719	1,556	4,676	3,532	32.4
U.S. Total	265,827	254,227	251,904	771,046	732,927	5.2

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

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	July-September 1998		July-September 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	1,290	165	1,739	171	4,870	167	5,326	172	-8.6	-2.6
Connecticut.....	27	184	211	188	479	181	759	191	-36.9	-5.1
Massachusetts.....	833	166	1,112	170	3,316	167	3,354	171	-1.2	-2.0
New Hampshire.....	430	161	417	165	1,075	161	1,212	162	-11.3	-7
Mid Atlantic	14,315	138	13,550	137	41,411	138	40,195	138	3.0	-1
New Jersey.....	622	160	390	176	1,582	160	1,511	176	4.7	-9.0
New York.....	2,430	143	2,207	145	6,730	144	5,850	142	15.0	.9
Pennsylvania.....	11,263	135	10,954	133	33,100	136	32,834	136	.8	.2
East North Central	53,838	131	51,442	128	155,371	131	149,634	131	3.8	-1
Illinois.....	9,890	162	9,761	146	29,357	161	30,804	158	-4.7	1.7
Indiana.....	14,714	111	13,269	116	42,842	112	39,086	116	9.6	-3.5
Michigan.....	9,769	137	8,811	137	25,643	133	22,657	137	13.2	-2.7
Ohio.....	13,509	137	13,266	129	40,085	137	39,152	131	2.4	4.4
Wisconsin.....	5,957	109	6,335	109	17,444	108	17,935	109	-2.7	-1.1
West North Central	34,173	89	31,413	92	99,396	90	89,432	92	11.1	-2.9
Iowa.....	5,787	88	4,007	99	15,858	89	12,385	95	28.0	-5.6
Kansas.....	4,616	97	4,433	101	14,014	98	12,396	104	13.1	-5.9
Minnesota.....	4,693	108	4,804	111	13,259	110	13,078	112	1.4	-1.9
Missouri.....	9,669	91	9,206	93	28,636	92	25,116	94	14.0	-2.1
Nebraska.....	2,939	58	2,822	57	8,797	59	8,171	59	7.7	-2
North Dakota.....	6,093	74	5,689	78	17,516	76	16,888	77	3.7	-7
South Dakota.....	376	93	453	92	1,315	93	1,398	93	-5.9	.1
South Atlantic	41,208	145	37,910	148	119,318	145	111,417	148	7.1	-2.0
Delaware.....	629	157	452	154	1,359	157	1,320	158	3.0	-8
Florida.....	6,740	166	7,068	171	20,579	166	20,605	174	-1	-4.2
Georgia.....	9,322	154	7,442	158	24,126	155	21,099	158	14.3	-2.4
Maryland.....	2,689	144	2,563	148	8,179	145	7,458	151	9.7	-3.7
North Carolina.....	7,077	144	6,647	144	20,606	144	19,766	144	4.2	.4
South Carolina.....	3,203	145	3,011	144	9,687	145	8,745	145	10.8	-1
Virginia.....	3,510	138	3,113	140	9,520	138	8,813	139	8.0	-9
West Virginia.....	8,038	122	7,615	124	25,261	122	23,610	124	7.0	-1.4
East South Central	25,603	125	25,509	123	75,492	125	75,860	124	-5	.8
Alabama.....	7,680	157	7,376	155	22,358	156	22,911	153	-2.4	1.9
Kentucky.....	9,125	106	9,936	104	28,230	106	29,245	104	-3.5	1.3
Mississippi.....	1,636	153	1,711	156	4,694	153	4,604	155	2.0	-1.1
Tennessee.....	7,162	111	6,486	110	20,210	112	19,102	112	5.8	-1
West South Central	39,229	122	35,788	122	108,260	125	102,373	126	5.8	-9
Arkansas.....	3,996	154	3,046	162	10,576	151	8,911	166	18.7	-9.1
Louisiana.....	4,019	144	3,529	142	10,470	143	10,035	148	4.3	-3.0
Oklahoma.....	4,805	91	4,737	90	14,949	92	14,103	92	6.0	-2
Texas.....	26,409	119	24,477	120	72,264	126	69,324	125	4.2	.7
Mountain	28,691	108	26,303	112	82,786	108	76,159	113	8.7	-3.9
Arizona.....	4,979	132	4,373	141	14,082	133	12,053	145	16.8	-8.0
Colorado.....	4,651	97	4,422	101	13,494	99	12,563	103	7.4	-3.6
Montana.....	2,838	58	2,588	67	7,758	66	6,482	68	19.7	-2.1
Nevada.....	2,267	128	1,691	141	5,861	135	4,959	142	18.2	-4.7
New Mexico.....	4,324	132	4,039	137	11,614	133	11,966	136	-2.9	-2.1
Utah.....	3,448	123	3,308	119	11,086	118	11,145	114	-5	3.1
Wyoming.....	6,184	80	5,881	82	18,889	77	16,992	82	11.2	-6.0
Pacific	2,161	137	1,853	136	5,953	139	3,863	163	54.1	-14.8
Oregon.....	420	108	327	114	1,385	109	462	114	199.8	-4.7
Washington.....	1,741	144	1,526	141	4,568	148	3,401	170	34.3	-12.7
U.S. Total	240,508	125	225,508	126	692,856	126	654,258	128	5.9	-1.5

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	July-September 1998		July-September 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	1,016	165	1,414	171	3,995	168	4,419	172	-9.6	-2.5
Connecticut.....	27	184	176	191	385	185	691	192	-44.3	-3.9
Massachusetts.....	669	165	971	170	2,843	166	2,990	170	-4.9	-2.2
New Hampshire.....	320	165	267	164	768	165	739	162	4.0	2.0
Mid Atlantic	11,350	142	10,112	142	33,992	142	30,750	142	10.5	-4
New Jersey.....	556	162	305	180	1,284	163	1,372	177	-6.5	-8.0
New York.....	2,100	145	1,935	143	5,842	144	5,121	140	14.1	2.9
Pennsylvania.....	8,693	140	7,871	140	26,865	140	24,258	141	10.8	-4
East North Central	40,643	138	38,961	134	118,067	137	114,151	138	3.4	-7
Illinois.....	8,332	172	8,370	152	25,400	168	26,010	166	-2.3	1.0
Indiana.....	9,989	116	9,396	124	30,027	117	27,913	124	7.6	-5.9
Michigan.....	7,808	138	7,396	138	19,968	135	18,862	138	5.9	-2.5
Ohio.....	9,668	145	8,761	138	29,031	146	26,794	142	8.4	3.2
Wisconsin.....	4,845	107	5,039	103	13,640	104	14,572	104	-6.4	-2
West North Central	27,659	88	27,944	93	81,819	89	80,164	93	2.1	-4.1
Iowa.....	4,234	86	3,277	100	11,926	89	10,111	95	18.0	-6.3
Kansas.....	4,533	98	4,432	101	13,852	98	12,330	104	12.3	-5.6
Minnesota.....	4,486	107	4,723	111	12,818	109	12,729	112	.7	-2.2
Missouri.....	5,595	90	7,107	94	17,342	89	20,630	94	-15.9	-5.0
Nebraska.....	2,343	56	2,265	54	7,050	56	6,287	56	12.1	-2
North Dakota.....	6,093	74	5,688	78	17,516	76	16,679	77	5.0	-6
South Dakota.....	376	93	453	92	1,315	93	1,398	93	-5.9	.1
South Atlantic	28,573	146	27,147	148	84,189	146	81,022	149	3.9	-1.4
Delaware.....	602	158	446	154	1,316	157	1,125	159	17.0	-1.3
Florida.....	4,535	172	4,288	178	13,700	173	13,025	181	5.2	-4.4
Georgia.....	4,433	157	3,883	165	11,728	159	11,481	166	2.2	-4.0
Maryland.....	1,814	146	1,798	149	5,686	146	5,545	149	2.5	-1.9
North Carolina.....	5,544	147	5,230	148	15,627	148	14,891	147	4.9	.6
South Carolina.....	2,646	145	2,045	145	7,893	144	6,341	146	24.5	-7
Virginia.....	2,197	138	2,169	141	6,370	139	6,505	139	-2.1	-3
West Virginia.....	6,803	125	7,288	125	21,868	125	22,108	125	-1.1	-3
East South Central	20,347	128	19,110	128	57,438	129	57,324	128	.2	.9
Alabama.....	6,724	160	6,725	157	19,217	161	19,624	158	-2.1	1.8
Kentucky.....	6,157	106	6,538	104	18,251	106	20,327	104	-10.2	1.9
Mississippi.....	1,385	156	1,313	158	4,026	156	3,867	156	4.1	-4
Tennessee.....	6,081	110	4,533	112	15,943	111	13,505	112	18.1	-1.1
West South Central	36,266	122	33,693	121	101,085	125	97,077	126	4.1	-9
Arkansas.....	3,866	155	2,762	167	9,759	155	8,229	170	18.6	-9.2
Louisiana.....	3,874	142	3,529	142	10,325	142	10,035	148	2.9	-3.5
Oklahoma.....	4,509	91	4,737	90	14,511	92	14,091	92	3.0	-1
Texas.....	24,018	119	22,666	119	66,490	126	64,722	125	2.7	.7
Mountain	26,650	108	25,006	113	77,508	109	71,718	113	8.1	-3.9
Arizona.....	4,394	133	3,825	144	12,215	136	10,315	149	18.4	-8.4
Colorado.....	4,313	99	4,103	102	12,557	101	11,483	105	9.4	-3.6
Montana.....	2,838	58	2,588	67	7,758	66	6,482	68	19.7	-2.1
Nevada.....	1,671	126	1,528	144	4,989	136	4,617	144	8.1	-5.2
New Mexico.....	4,324	132	4,039	137	11,614	133	11,966	136	-2.9	-2.1
Utah.....	3,417	123	3,124	122	10,914	118	10,407	116	4.9	1.5
Wyoming.....	5,693	81	5,798	83	17,460	78	16,448	82	6.2	-4.7
Pacific	1,353	152	1,395	143	3,432	159	3,265	172	5.1	-7.5
Washington.....	1,353	152	1,395	143	3,432	159	3,265	172	5.1	-7.5
U.S. Total	193,854	127	184,781	127	561,525	127	539,890	129	4.0	-1.4

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	July-September 1998		July-September 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	275	164	325	168	875	165	906	170	-3.5	-2.8
Connecticut	-	-	35	170	94	166	68	175	38.2	-5.3
Massachusetts.....	164	174	141	168	473	174	365	177	29.7	-2.0
New Hampshire.....	110	148	150	167	308	151	474	163	-35.1	-7.1
Mid Atlantic	2,965	120	3,439	121	7,420	122	9,445	125	-21.4	-2.3
New Jersey.....	65	144	84	162	298	147	138	163	115.6	-9.8
New York.....	330	135	272	157	888	143	729	161	21.7	-11.5
Pennsylvania.....	2,570	117	3,082	116	6,234	118	8,577	121	-27.3	-2.7
East North Central	13,196	114	12,481	110	37,303	113	35,483	111	5.1	1.8
Illinois.....	1,558	112	1,392	108	3,956	118	4,794	120	-17.5	-2.0
Indiana.....	4,725	103	3,873	98	12,815	103	11,173	98	14.7	4.3
Michigan.....	1,960	131	1,415	129	5,675	130	3,795	133	49.6	-2.5
Ohio.....	3,841	117	4,505	110	11,053	112	12,358	108	-10.6	3.8
Wisconsin.....	1,111	120	1,296	130	3,804	122	3,363	128	13.1	-5.0
West North Central	6,514	92	3,469	88	17,577	92	9,268	87	89.7	5.5
Iowa.....	1,554	93	730	93	3,932	89	2,274	91	72.9	-2.0
Kansas.....	83	64	1	129	162	64	66	74	147.3	-14.0
Minnesota.....	207	126	81	124	441	126	349	119	26.5	5.8
Missouri.....	4,074	93	2,099	91	11,294	95	4,486	91	151.8	4.2
Nebraska.....	597	67	556	68	1,748	69	1,884	67	-7.2	2.7
North Dakota.....	*	54	2	53	*	54	209	80	-100.0	-32.1
South Atlantic	12,635	142	10,764	145	35,129	142	30,395	146	15.6	-3.1
Delaware.....	27	147	6	151	43	153	195	153	-78.0	-4
Florida.....	2,205	152	2,779	159	6,879	153	7,580	161	-9.2	-5.0
Georgia.....	4,889	150	3,559	148	12,398	150	9,618	148	28.9	1.2
Maryland.....	875	141	765	147	2,493	144	1,913	157	30.3	-8.3
North Carolina.....	1,533	134	1,417	129	4,978	133	4,875	133	2.1	-3
South Carolina.....	557	144	967	142	1,795	145	2,404	143	-25.3	1.7
Virginia.....	1,314	137	944	139	3,150	136	2,308	140	36.5	-2.3
West Virginia.....	1,235	107	327	110	3,394	107	1,502	108	126.0	-8
East South Central	5,256	115	6,399	111	18,054	114	18,537	113	-2.6	.6
Alabama.....	956	136	651	136	3,141	130	3,287	127	-4.4	2.8
Kentucky.....	2,968	106	3,398	106	9,979	106	8,917	106	11.9	*
Mississippi.....	251	134	397	149	668	136	737	146	-9.4	-6.9
Tennessee.....	1,082	116	1,953	105	4,267	117	5,596	112	-23.8	3.8
West South Central	2,964	125	2,095	127	7,174	123	5,295	125	35.5	-1.6
Arkansas.....	130	135	284	110	817	106	682	114	19.8	-7.6
Louisiana.....	145	183	-	-	145	183	-	-	-	-
Oklahoma.....	296	85	-	-	438	87	12	84	NM	3.2
Texas.....	2,392	125	1,811	129	5,774	126	4,602	127	25.5	-2
Mountain	2,041	104	1,297	96	5,278	96	4,441	100	18.8	-3.8
Arizona.....	585	120	548	115	1,867	111	1,738	119	7.4	-6.7
Colorado.....	339	76	319	77	937	76	1,079	83	-13.2	-8.6
Nevada.....	596	135	163	116	872	130	342	121	154.7	7.8
Utah.....	30	92	184	71	172	97	738	85	-76.7	14.7
Wyoming.....	491	63	83	69	1,429	63	544	76	162.7	-17.5
Pacific	808	115	458	117	2,521	115	598	117	321.8	-1.9
Oregon.....	420	108	327	114	1,385	109	462	114	199.8	-4.7
Washington.....	388	121	131	123	1,136	121	136	125	NM	-3.1
U.S. Total	46,654	121	40,727	121	131,332	120	114,368	122	14.8	-1.4

* For percentage calculations, the absolute value of the number 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	July-September 1998	April-June 1998	July-September 1997	Year to Date		
				1998	1997	Percent Change
New England	\$42.19	\$42.31	\$43.23	\$42.73	\$43.76	-2.4
Connecticut	48.61	46.72	49.34	47.73	50.16	-4.8
Massachusetts.....	41.95	41.79	42.36	42.17	42.85	-1.6
New Hampshire	42.25	41.80	42.46	42.24	42.27	-1
Mid Atlantic	34.30	34.44	33.88	34.46	34.37	.2
New Jersey.....	41.68	41.35	45.54	42.07	46.02	-8.6
New York.....	37.35	37.19	37.98	37.57	37.34	.6
Pennsylvania.....	33.24	33.50	32.64	33.46	33.31	.5
East North Central	27.88	27.67	26.99	27.72	27.72	*
Illinois	31.43	31.99	28.26	31.25	31.01	.7
Indiana.....	23.53	23.39	24.48	23.57	24.32	-3.1
Michigan	28.48	27.56	28.55	28.15	28.96	-2.8
Ohio.....	32.77	32.45	30.54	32.60	31.17	4.6
Wisconsin.....	20.65	20.71	20.66	20.12	20.39	-1.3
West North Central	14.90	15.36	15.57	15.06	15.53	-3.0
Iowa.....	15.28	15.91	17.41	15.42	16.42	-6.1
Kansas	16.73	17.33	17.57	17.08	18.28	-6.6
Minnesota.....	19.21	19.57	19.80	19.48	19.90	-2.1
Missouri.....	16.38	16.51	16.71	16.42	16.84	-2.5
Nebraska.....	10.01	10.10	9.80	10.05	10.10	-4
North Dakota.....	9.74	10.57	10.12	10.00	10.09	-9
South Dakota.....	16.19	16.10	16.00	16.18	16.07	.7
South Atlantic	35.71	35.56	36.31	35.67	36.43	-2.1
Delaware	40.80	41.10	40.23	40.65	41.33	-1.6
Florida.....	40.22	39.90	41.27	40.41	42.07	-3.9
Georgia.....	36.23	36.44	37.13	36.35	37.24	-2.4
Maryland.....	37.35	37.64	38.31	37.53	38.98	-3.7
North Carolina	35.92	35.84	35.73	35.72	35.55	.5
South Carolina	37.11	36.97	37.13	37.04	37.26	-6
Virginia	34.78	34.71	35.15	34.81	35.01	-6
West Virginia.....	30.04	29.96	30.66	30.04	30.68	-2.1
East South Central	28.78	28.85	28.52	28.77	28.75	.1
Alabama	35.68	36.37	35.59	35.85	35.67	.5
Kentucky	24.70	24.23	24.18	24.42	24.12	1.3
Mississippi.....	32.06	31.96	33.08	31.99	32.53	-1.6
Tennessee	25.84	26.26	25.92	26.27	26.63	-1.4
West South Central	19.14	19.65	18.82	19.62	19.60	.1
Arkansas	26.57	25.97	28.27	26.15	28.93	-9.6
Louisiana.....	23.43	22.91	23.05	23.16	23.86	-2.9
Oklahoma	15.68	15.98	15.66	15.90	15.93	-2
Texas	17.99	19.07	17.65	18.92	18.53	2.1
Mountain	20.97	21.31	21.66	21.04	21.90	-3.9
Arizona.....	26.88	27.52	28.71	27.14	29.42	-7.7
Colorado.....	19.08	20.05	19.78	19.55	20.37	-4.0
Montana.....	9.75	12.84	11.29	11.22	11.39	-1.5
Nevada.....	28.75	34.09	31.55	30.22	31.58	-4.3
New Mexico.....	24.08	25.03	24.88	24.25	24.65	-1.6
Utah.....	27.51	26.54	26.51	26.54	25.89	2.5
Wyoming.....	14.12	12.35	14.62	13.52	14.32	-5.6
Pacific	22.69	22.93	22.23	23.16	26.48	-12.5
Oregon.....	18.94	19.09	20.01	19.07	20.01	-4.7
Washington	23.59	23.61	22.71	24.40	27.35	-10.8
U.S. Total	25.63	25.90	25.72	25.79	26.24	-1.7

* For percentage calculations, the absolute value of the number 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-September 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	6,185	205	4,567	162	905	138	11,658	183	0.93	-7.0	2.6	1.8
Arizona	9,154	119	-	-	-	-	9,154	119	.48	16.6	-5.5	-6
Colorado	16,686	124	305	113	-	-	16,991	124	.42	-7	-5	.5
Illinois	161	135	10,640	140	15,256	128	26,057	133	1.99	-1.1	-2.4	-2.4
Indiana	1,288	148	8,685	121	14,859	100	24,832	110	2.09	12.5	1.5	-2
Kansas	-	-	-	-	266	102	266	102	3.81	27.6	-10.8	17.2
Kentucky	13,223	152	56,044	140	22,716	108	91,983	135	1.30	2.5	-9	-5.0
Louisiana	-	-	1,861	133	696	148	2,557	137	1.36	-8.2	1.3	-12.6
Maryland	-	-	3,041	122	-	-	3,041	122	1.35	12.5	-1.6	2.5
Missouri	-	-	-	-	149	119	149	119	2.93	-33.8	10.2	-13.2
Montana	14,763	145	14,888	87	-	-	29,652	117	.59	9.2	-7.8	-5
New Mexico	5,260	151	14,621	134	-	-	19,882	139	.75	1.0	-5.0	-1.3
North Dakota	-	-	16,768	76	749	81	17,516	76	1.16	4.4	-8	*
Ohio	2	154	282	124	17,546	142	17,830	142	3.02	-7.3	12.2	1.6
Oklahoma	-	-	-	-	117	110	117	110	2.78	46.4	3.2	5.2
Pennsylvania	1,402	148	32,625	134	9,353	122	43,380	132	1.44	11.0	1.0	-1.1
Tennessee	10	155	1,804	127	-	-	1,814	127	1.04	-15.7	.7	15.2
Texas	-	-	18,239	112	18,710	86	36,949	99	1.65	-2.0	4.5	1.4
Utah	13,528	119	268	124	-	-	13,796	119	.41	.3	.1	-2.6
Virginia	4,391	155	7,706	139	229	126	12,326	144	.77	10.4	-1.3	-9.5
Washington	-	-	3,433	159	-	-	3,433	159	.83	9.3	-8.5	1.0
West Virginia	25,874	151	33,361	136	19,499	130	78,734	139	1.23	1.9	-1.3	3.0
Wyoming	213,966	113	12,481	106	-	-	226,447	112	.39	12.1	-3.0	-2.6
Imported	4,035	157	257	150	-	-	4,293	157	.52	23.5	-1.7	-12.7
Total	329,930	126	241,875	130	121,051	118	692,856	126	1.05	5.9	-1.5	-3.1

* For percentage calculations, the absolute value of the number 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 28. Destination of Coal Received at Electric Utility Plants by Origin, January-September 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	22,358	22,911	86.0	85.7	1.02	0.96	156	153
Alabama.....	11,431	12,109	92.4	93.2	.93	.90	184	179
Colorado.....	472	827	95.6	100.0	.42	.44	119	113
Illinois.....	693	1,165	13.8	14.6	1.86	1.13	126	133
Indiana.....	61	—	—	—	3.13	—	110	—
Kentucky.....	3,339	2,286	72.2	67.8	1.72	1.97	119	113
Pennsylvania.....	29	74	100.0	100.0	1.53	1.83	112	113
Tennessee.....	438	539	100.0	100.0	.70	.71	137	133
Utah.....	—	122	—	81.1	—	.39	—	122
West Virginia.....	1,302	2,143	49.8	68.0	1.50	1.26	133	132
Wyoming.....	4,594	3,645	99.7	99.3	.31	.29	118	112
Arizona	14,082	12,053	86.7	85.6	.54	.53	133	145
Arizona.....	5,768	4,645	100.0	100.0	.49	.51	116	121
Colorado.....	122	—	—	—	.43	—	178	—
New Mexico.....	7,941	7,338	81.2	77.3	.58	.56	147	162
Wyoming.....	251	70	—	—	.29	.43	119	106
Arkansas	10,576	8,911	92.3	92.3	.36	.37	151	166
Wyoming.....	10,576	8,911	92.3	92.3	.36	.37	151	166
Colorado	13,494	12,563	93.1	91.4	.39	.38	99	103
Colorado.....	8,346	8,060	91.7	90.9	.41	.41	106	110
Wyoming.....	5,148	4,502	95.2	92.3	.35	.33	85	88
Connecticut	479	759	80.4	91.0	.40	.42	181	191
Kentucky.....	370	581	88.4	99.1	.38	.40	183	192
Virginia.....	—	4	—	100.0	—	.52	—	184
West Virginia.....	73	139	79.5	79.9	.46	.48	182	190
Imported coal Venezuela.....	36	35	—	—	.42	.48	162	170
Delaware	1,359	1,320	96.8	85.2	.74	.74	157	158
Kentucky.....	92	—	100.0	—	.53	—	172	—
Maryland.....	118	100	100.0	100.0	1.11	1.10	146	148
Pennsylvania.....	390	369	97.6	74.6	1.02	1.02	142	142
Virginia.....	110	110	100.0	92.0	.59	.66	176	157
West Virginia.....	649	741	94.8	87.5	.56	.55	163	169
Florida	20,579	20,605	66.6	63.2	1.26	1.32	166	174
Alabama.....	126	273	—	—	.84	1.76	160	176
Colorado.....	—	14	—	—	—	.54	—	183
Illinois.....	5,243	4,521	82.4	77.2	1.86	1.88	165	180
Indiana.....	30	5	100.0	—	2.79	.62	125	164
Kentucky.....	10,305	10,876	65.1	59.3	1.18	1.29	169	174
Virginia.....	549	694	96.6	92.1	.62	.75	208	206
West Virginia.....	1,632	1,928	51.0	48.9	1.29	1.13	165	170
Wyoming.....	819	788	—	—	.46	.50	136	141
Imported coal Colombia.....	1,191	997	82.3	100.0	.54	.70	148	150
Imported coal Indonesia.....	448	507	67.0	100.0	.23	.37	158	162
Imported coal Venezuela.....	235	—	—	—	.58	—	159	—
Georgia	24,126	21,099	48.6	54.4	.72	.71	155	158
Alabama.....	72	50	—	—	1.52	1.51	142	135
Illinois.....	518	660	100.0	92.9	1.18	.90	137	147
Kentucky.....	12,208	11,215	55.7	64.5	.81	.78	149	154
Tennessee.....	10	—	—	—	.51	—	155	—
Virginia.....	2,610	1,526	56.7	68.0	.69	.73	153	159
West Virginia.....	3,779	3,457	77.5	75.0	.61	.58	181	182
Wyoming.....	4,594	3,962	—	—	.41	.45	150	150
Imported coal Venezuela.....	336	229	—	—	.84	1.14	146	138
Illinois	29,357	30,804	86.5	84.4	1.15	1.20	161	158
Colorado.....	945	889	87.8	69.1	.44	.46	139	136
Illinois.....	10,653	10,840	85.1	82.5	2.32	2.47	126	124
Indiana.....	1,125	1,236	72.3	55.4	.84	.91	151	142
Kentucky.....	9	167	—	21.6	.57	.49	169	169
Montana.....	1,049	1,126	100.0	100.0	.35	.34	230	261
Utah.....	618	1,163	93.2	67.9	.40	.38	166	174
West Virginia.....	—	47	—	—	—	.72	—	146
Wyoming.....	14,958	15,338	87.4	90.1	.33	.37	189	181
Indiana	42,842	39,086	70.1	71.4	1.55	1.54	112	116
Illinois.....	3,192	3,642	63.9	86.6	2.15	2.05	118	130
Indiana.....	21,526	18,656	65.7	60.0	2.11	2.11	108	107
Kentucky.....	995	683	49.6	79.3	1.28	1.30	121	125
Montana.....	—	957	—	100.0	—	.35	—	255
Ohio.....	778	903	—	—	3.40	3.55	110	102
Pennsylvania.....	494	443	96.6	95.4	1.58	1.74	106	105

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-September 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								
Virginia.....	663	662	100.0	95.3	0.53	0.53	158	156
West Virginia.....	1,533	843	44.8	55.3	1.05	.93	117	141
Wyoming.....	13,661	12,297	84.3	85.7	.34	.34	115	113
Iowa	15,858	12,385	75.2	81.6	.51	.51	89	95
Colorado.....	363	404	100.0	90.1	.42	.46	131	135
Illinois.....	277	206	26.4	54.5	2.40	2.14	112	124
Indiana.....	90	154	100.0	67.8	1.23	1.29	125	123
Kentucky.....	117	49	54.4	-	2.24	2.28	117	118
Montana.....	84	55	26.8	-	.32	.34	137	148
Ohio.....	5	-	-	-	3.31	-	140	-
Pennsylvania.....	5	-	-	-	1.00	-	140	-
West Virginia.....	1	6	-	-	2.08	2.08	164	154
Wyoming.....	14,916	11,511	75.9	82.8	.44	.45	86	91
Kansas	14,014	12,396	98.8	99.5	.52	.55	98	104
Colorado.....	727	1,174	100.0	100.0	.42	.38	122	125
Illinois.....	-	129	-	100.0	-	2.70	-	107
Kansas.....	266	157	100.0	100.0	3.81	3.38	102	109
Missouri.....	21	152	100.0	100.0	3.05	3.79	127	101
Montana.....	120	104	100.0	100.0	.36	.41	93	95
Oklahoma.....	56	13	100.0	26.0	2.77	2.93	118	116
Wyoming.....	12,823	10,666	98.7	99.5	.42	.43	96	101
Kentucky	28,230	29,245	64.7	69.5	2.09	2.18	106	104
Colorado.....	2,079	1,634	100.0	100.0	.42	.43	127	130
Illinois.....	173	151	-	-	2.05	2.25	100	102
Indiana.....	1,551	1,770	94.7	99.1	2.92	2.83	96	92
Kentucky.....	19,247	19,499	56.8	66.6	2.32	2.49	104	101
Ohio.....	531	564	90.5	46.5	3.48	3.65	94	88
Pennsylvania.....	59	96	84.3	78.6	1.66	1.73	108	108
Utah.....	11	132	100.0	92.4	.52	.54	140	134
West Virginia.....	4,485	5,038	71.6	64.5	1.53	1.37	109	112
Wyoming.....	94	360	23.9	66.1	.32	.54	94	115
Louisiana	10,470	10,035	98.6	100.0	.71	.78	143	148
Colorado.....	42	-	-	-	.44	-	153	-
Louisiana.....	2,557	2,785	100.0	100.0	1.36	1.55	137	135
Texas.....	123	-	100.0	-	2.34	-	132	-
Wyoming.....	7,674	7,250	99.6	100.0	.52	.54	144	151
Imported coal Indonesia.....	75	-	-	-	.09	-	214	-
Maryland	8,179	7,458	69.5	74.3	.91	.87	145	151
Kentucky.....	370	397	100.0	84.9	.57	.61	146	152
Maryland.....	502	576	89.2	87.0	1.14	1.10	176	174
Pennsylvania.....	2,404	1,273	18.0	43.1	1.12	1.12	147	153
West Virginia.....	4,904	5,213	90.5	79.8	.81	.81	142	148
Massachusetts	3,316	3,354	85.7	89.1	.56	.57	167	171
Kentucky.....	519	523	88.5	88.2	.51	.54	179	180
Pennsylvania.....	117	188	100.0	82.1	1.18	.99	161	166
West Virginia.....	1,740	1,502	76.3	82.1	.56	.56	168	173
Imported coal Colombia.....	467	919	100.0	100.0	.51	.52	170	165
Imported coal Venezuela.....	472	222	100.0	100.0	.53	.52	153	164
Michigan	25,643	22,657	77.9	83.3	.63	.64	133	137
Colorado.....	515	405	96.7	97.5	.45	.48	140	135
Illinois.....	25	-	-	-	1.08	-	152	-
Indiana.....	120	126	100.0	100.0	2.11	2.01	138	136
Kentucky.....	3,331	2,821	64.7	64.0	.68	.72	151	152
Montana.....	7,682	6,127	92.9	97.3	.39	.41	146	154
Ohio.....	111	61	26.1	98.0	2.65	2.57	157	156
Pennsylvania.....	2,600	1,946	60.6	84.9	1.16	1.15	126	122
Utah.....	30	-	-	-	.44	-	146	-
West Virginia.....	3,600	4,022	53.9	69.4	.93	.91	152	153
Wyoming.....	7,628	7,148	85.4	85.0	.35	.33	99	106
Minnesota	13,259	13,078	96.7	97.3	.50	.50	110	112
Illinois.....	36	82	100.0	100.0	1.16	1.14	161	164
Indiana.....	43	-	-	-	1.18	-	149	-
Montana.....	6,971	6,957	96.1	95.0	.68	.65	111	112
Wyoming.....	6,209	6,040	98.0	100.0	.28	.31	107	111
Mississippi	4,694	4,604	85.8	84.0	.70	.66	153	155
Alabama.....	28	98	-	-	.57	.74	148	143
Colorado.....	-	36	-	-	-	.42	-	155
Illinois.....	1,050	944	87.7	85.1	1.32	.99	141	138

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-September 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								
Kentucky.....	670	941	97.7	70.7	0.72	0.81	200	192
Montana.....	2,450	2,398	100.0	100.0	.40	.42	146	145
Wyoming.....	366	187	-	-	.48	.52	133	135
Imported coal Venezuela.....	129	-	-	-	.60	-	139	-
Missouri	28,636	25,116	60.6	82.1	.42	.52	92	94
Colorado.....	30	-	-	-	.54	-	137	-
Illinois.....	1,479	1,949	35.1	81.7	1.73	2.13	130	128
Indiana.....	148	-	-	-	.60	-	131	-
Kansas.....	-	51	-	92.7	-	2.87	-	130
Kentucky.....	36	50	58.9	100.0	1.63	1.19	190	189
Missouri.....	128	73	95.6	94.6	2.91	2.52	118	122
Oklahoma.....	-	4	-	100.0	-	3.08	-	132
Utah.....	-	11	-	100.0	-	.47	-	145
Wyoming.....	26,815	22,978	62.2	82.1	.31	.33	88	89
Montana	7,758	6,482	100.0	100.0	.86	.86	66	68
Montana.....	7,552	6,122	100.0	100.0	.87	.90	67	69
Wyoming.....	207	360	100.0	100.0	.29	.27	52	55
Nebraska	8,797	8,171	80.1	76.9	.32	.36	59	59
Wyoming.....	8,797	8,171	80.1	76.9	.32	.36	59	59
Nevada	5,861	4,959	85.1	93.1	.42	.44	135	142
Arizona.....	3,386	3,207	100.0	100.0	.47	.45	124	133
Colorado.....	20	48	100.0	100.0	.41	.49	196	201
Utah.....	2,455	1,688	64.5	80.7	.35	.42	150	157
Wyoming.....	-	17	-	-	-	.48	-	95
New Hampshire	1,075	1,212	71.4	60.9	1.06	1.10	161	162
Pennsylvania.....	621	612	97.6	77.3	1.12	1.09	166	166
Virginia.....	-	10	-	-	-	1.06	-	212
West Virginia.....	161	361	100.0	73.5	1.78	1.43	160	155
Imported coal Colombia.....	35	-	-	-	.49	-	173	-
Imported coal Venezuela.....	258	229	-	-	.52	.55	148	161
New Jersey	1,582	1,511	81.2	90.8	.83	.95	160	176
Kentucky.....	49	106	41.7	100.0	.61	.50	156	174
Pennsylvania.....	*	-	100.0	-	.61	-	192	-
Virginia.....	581	596	99.1	93.2	.52	.58	155	178
West Virginia.....	913	808	75.3	87.9	1.08	1.30	164	175
Imported coal Venezuela.....	39	-	-	-	.52	-	155	-
New Mexico	11,614	11,966	100.0	100.0	.88	.90	133	136
New Mexico.....	11,614	11,966	100.0	100.0	.88	.90	133	136
New York	6,730	5,850	86.8	87.5	1.31	1.33	144	142
Kentucky.....	747	550	79.6	66.3	.51	.45	180	187
Ohio.....	3	-	-	-	3.17	-	128	-
Pennsylvania.....	2,893	1,983	84.2	89.2	1.28	1.33	137	135
West Virginia.....	2,641	2,991	90.8	90.6	1.71	1.57	137	136
Imported coal Colombia.....	35	67	100.0	64.2	.47	.51	170	173
Imported coal Venezuela.....	410	259	91.6	90.8	.47	.49	169	174
North Carolina	20,606	19,766	75.8	75.3	.72	.73	144	144
Kentucky.....	11,848	11,689	68.1	70.5	.77	.79	142	141
Virginia.....	180	431	.1	-	.76	.88	134	128
West Virginia.....	8,578	7,606	88.1	87.4	.64	.62	148	148
Wyoming.....	-	40	-	-	-	.56	-	179
North Dakota	17,516	16,888	100.0	98.8	1.16	1.16	76	77
North Dakota.....	17,516	16,781	100.0	99.4	1.16	1.16	76	77
Wyoming.....	-	107	-	-	-	.52	-	65
Ohio	40,085	39,152	72.4	68.4	1.71	1.70	137	131
Illinois.....	2	-	-	-	.73	-	132	-
Indiana.....	17	2	-	-	1.03	2.36	116	104
Kentucky.....	6,032	6,282	50.4	63.1	.75	.77	123	131
Montana.....	-	42	-	-	-	.31	-	149
Ohio.....	15,374	16,168	85.1	75.3	2.99	2.91	148	132
Pennsylvania.....	3,712	2,634	46.8	38.8	1.41	1.39	126	116
Virginia.....	441	287	100.0	96.5	.54	.59	125	123
West Virginia.....	13,451	12,785	78.7	70.5	.91	.83	135	134
Wyoming.....	1,056	952	13.6	36.4	.36	.27	120	125
Oklahoma	14,949	14,103	97.1	99.9	.35	.35	92	92
Oklahoma.....	60	63	100.0	100.0	2.78	2.55	103	103
Wyoming.....	14,889	14,040	97.1	99.9	.33	.33	92	92
Oregon	1,385	462	-	-	.38	.37	109	114
Wyoming.....	1,385	462	-	-	.38	.37	109	114

See footnotes at end of table.

Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-September 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
Pennsylvania	33,100	32,834	81.2	73.9	1.78	1.72	136	136
Maryland.....	22	10	-	-	.94	.87	130	133
Ohio.....	153	310	100.0	100.0	3.06	3.03	166	169
Pennsylvania.....	25,920	25,819	76.9	68.7	1.57	1.55	131	131
West Virginia.....	7,005	6,695	96.8	92.8	2.53	2.33	152	152
South Carolina	9,687	8,745	81.5	72.5	.94	.93	145	145
Kentucky.....	8,424	7,501	78.9	70.3	.93	.90	144	144
Tennessee.....	267	296	100.0	90.2	1.07	1.19	153	151
Virginia.....	843	838	100.0	95.4	1.05	1.09	150	152
West Virginia.....	153	111	89.8	-	.76	1.21	160	149
South Dakota	1,315	1,398	100.0	100.0	.71	.72	93	93
Montana.....	1,315	1,398	100.0	100.0	.71	.72	93	93
Tennessee	20,210	19,102	78.9	70.7	1.49	1.60	112	112
Colorado.....	792	610	100.0	83.8	.43	.46	116	114
Illinois.....	1,995	1,380	55.1	53.7	1.74	1.93	108	107
Kentucky.....	10,942	11,376	76.6	68.2	1.86	1.92	113	112
Pennsylvania.....	476	541	96.9	100.0	1.63	1.89	110	109
Tennessee.....	1,100	1,318	99.4	94.2	1.17	.92	116	118
Utah.....	1,059	985	48.5	97.7	.49	.46	124	122
Virginia.....	1,281	1,451	94.8	80.7	1.25	1.41	129	125
West Virginia.....	12	-	-	-	.60	-	123	-
Wyoming.....	2,553	1,440	93.6	40.0	.37	.44	91	90
Texas	72,264	69,324	92.0	93.4	.95	.99	126	125
Colorado.....	1,056	1,120	72.0	-	.36	.37	137	134
Texas.....	36,826	37,698	100.0	100.0	1.64	1.62	99	95
Wyoming.....	34,254	30,505	84.4	88.6	.42	.42	147	152
Imported coal Colombia.....	84	-	-	-	.46	-	179	-
Imported coal Venezuela.....	43	-	-	-	.57	-	186	-
Utah	11,086	11,145	98.4	93.4	.42	.42	118	114
Colorado.....	1,464	1,545	96.8	88.0	.43	.38	190	177
Utah.....	9,622	9,578	98.7	94.5	.42	.42	108	105
Wyoming.....	-	22	-	-	-	.27	-	128
Virginia	9,520	8,813	66.9	73.8	.77	.81	138	139
Kentucky.....	2,271	2,100	53.2	50.6	.94	.92	142	144
Maryland.....	-	30	-	-	-	1.35	-	152
Virginia.....	5,067	4,552	75.8	79.7	.75	.79	134	135
West Virginia.....	2,181	2,131	60.6	85.2	.64	.72	144	144
Washington	4,568	3,401	75.1	96.0	.70	.78	148	170
Montana.....	1,135	249	-	49.4	.37	.40	121	128
Washington.....	3,433	3,142	100.0	100.0	.83	.82	159	174
Imported coal Canada.....	-	10	-	-	-	.42	-	171
West Virginia	25,261	23,610	86.6	93.6	1.53	1.61	122	124
Kentucky.....	22	-	-	-	.67	-	114	-
Maryland.....	2,400	1,987	92.6	96.9	1.41	1.40	109	107
Ohio.....	875	1,228	100.0	100.0	3.04	3.10	89	87
Pennsylvania.....	2,029	1,689	94.0	87.6	1.20	1.20	125	125
West Virginia.....	19,936	18,706	84.6	93.4	1.52	1.57	125	128
Wisconsin	17,444	17,935	78.2	81.3	.51	.52	108	109
Colorado.....	17	338	-	-	.40	.46	146	135
Illinois.....	722	674	-	-	.76	.86	135	133
Indiana.....	122	130	-	-	1.29	1.17	140	137
Kentucky.....	40	68	-	-	.61	.70	186	173
Montana.....	1,293	1,622	100.0	99.4	.62	.62	111	110
New Mexico.....	327	380	100.0	100.0	.49	.45	153	157
Pennsylvania.....	1,629	1,416	54.7	53.0	1.16	1.16	146	146
Utah.....	-	72	-	-	-	.44	-	164
West Virginia.....	5	24	-	-	1.59	.53	177	147
Wyoming.....	13,290	13,210	83.7	89.5	.35	.37	96	97
Wyoming	18,889	16,992	92.4	96.8	.61	.61	77	82
Wyoming.....	18,889	16,992	92.4	96.8	.61	.61	77	82
U.S. Total	692,856	654,258	81.0	82.5	1.05	1.08	126	128

* For quantity data, the number 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-September 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	11,658	12,530	90.6	90.1	0.93	0.92	183	179
Alabama.....	11,431	12,109	92.4	93.2	.93	.90	184	179
Florida.....	126	273	-	-	.84	1.76	160	176
Georgia.....	72	50	-	-	1.52	1.51	142	135
Mississippi.....	28	98	-	-	.57	.74	148	143
Arizona	9,154	7,852	100.0	100.0	.48	.48	119	126
Arizona.....	5,768	4,645	100.0	100.0	.49	.51	116	121
Nevada.....	3,386	3,207	100.0	100.0	.47	.45	124	133
Colorado	16,991	17,104	91.8	83.3	.42	.41	124	124
Alabama.....	472	827	95.6	100.0	.42	.44	119	113
Arizona.....	122	-	-	-	.43	-	178	-
Colorado.....	8,346	8,060	91.7	90.9	.41	.41	106	110
Florida.....	-	14	-	-	-	.54	-	183
Illinois.....	945	889	87.8	69.1	.44	.46	139	136
Iowa.....	363	404	100.0	90.1	.42	.46	131	135
Kansas.....	727	1,174	100.0	100.0	.42	.38	122	125
Kentucky.....	2,079	1,634	100.0	100.0	.42	.43	127	130
Louisiana.....	42	-	-	-	.44	-	153	-
Michigan.....	515	405	96.7	97.5	.45	.48	140	135
Mississippi.....	-	36	-	-	-	.42	-	155
Missouri.....	30	-	-	-	.54	-	137	-
Nevada.....	20	48	100.0	100.0	.41	.49	196	201
Tennessee.....	792	610	100.0	83.8	.43	.46	116	114
Texas.....	1,056	1,120	72.0	-	.36	.37	137	134
Utah.....	1,464	1,545	96.8	88.0	.43	.38	190	177
Wisconsin.....	17	338	-	-	.40	.46	146	135
Illinois	26,057	26,344	71.7	75.3	1.99	2.04	133	136
Alabama.....	693	1,165	13.8	14.6	1.86	1.13	126	133
Florida.....	5,243	4,521	82.4	77.2	1.86	1.88	165	180
Georgia.....	518	660	100.0	92.9	1.18	.90	137	147
Illinois.....	10,653	10,840	85.1	82.5	2.32	2.47	126	124
Indiana.....	3,192	3,642	63.9	86.6	2.15	2.05	118	130
Iowa.....	277	206	26.4	54.5	2.40	2.14	112	124
Kansas.....	-	129	-	100.0	-	2.70	-	107
Kentucky.....	173	151	-	-	2.05	2.25	100	102
Michigan.....	25	-	-	-	1.08	-	152	-
Minnesota.....	36	82	100.0	100.0	1.16	1.14	161	164
Mississippi.....	1,050	944	87.7	85.1	1.32	.99	141	138
Missouri.....	1,479	1,949	35.1	81.7	1.73	2.13	130	128
Ohio.....	2	-	-	-	.73	-	132	-
Tennessee.....	1,995	1,380	55.1	53.7	1.74	1.93	108	107
Wisconsin.....	722	674	-	-	.76	.86	135	133
Indiana	24,832	22,078	67.1	62.8	2.09	2.09	110	108
Alabama.....	61	-	-	-	3.13	-	110	-
Florida.....	30	5	100.0	-	2.79	.62	125	164
Illinois.....	1,125	1,236	72.3	55.4	.84	.91	151	142
Indiana.....	21,526	18,656	65.7	60.0	2.11	2.11	108	107
Iowa.....	90	154	100.0	67.8	1.23	1.29	125	123
Kentucky.....	1,551	1,770	94.7	99.1	2.92	2.83	96	92
Michigan.....	120	126	100.0	100.0	2.11	2.01	138	136
Minnesota.....	43	-	-	-	1.18	-	149	-
Missouri.....	148	-	-	-	.60	-	131	-
Ohio.....	17	2	-	-	1.03	2.36	116	104
Wisconsin.....	122	130	-	-	1.29	1.17	140	137
Kansas	266	208	100.0	98.2	3.81	3.25	102	114
Kansas.....	266	157	100.0	100.0	3.81	3.38	102	109
Missouri.....	-	51	-	92.7	-	2.87	-	130
Kentucky	91,983	89,762	64.6	66.3	1.30	1.37	135	136
Alabama.....	3,339	2,286	72.2	67.8	1.72	1.97	119	113
Connecticut.....	370	581	88.4	99.1	.38	.40	183	192
Delaware.....	92	-	100.0	-	.53	-	172	-
Florida.....	10,305	10,876	65.1	59.3	1.18	1.29	169	174
Georgia.....	12,208	11,215	55.7	64.5	.81	.78	149	154
Illinois.....	9	167	-	21.6	.57	.49	169	169
Indiana.....	995	683	49.6	79.3	1.28	1.30	121	125
Iowa.....	117	49	54.4	-	2.24	2.28	117	118
Kentucky.....	19,247	19,499	56.8	66.6	2.32	2.49	104	101
Maryland.....	370	397	100.0	84.9	.57	.61	146	152
Massachusetts.....	519	523	88.5	88.2	.51	.54	179	180

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-September 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.....	3,331	2,821	64.7	64.0	0.68	0.72	151	152
Mississippi.....	670	941	97.7	70.7	.72	.81	200	192
Missouri.....	36	50	58.9	100.0	1.63	1.19	190	189
New Jersey.....	49	106	41.7	100.0	.61	.50	156	174
New York.....	747	550	79.6	66.3	.51	.45	180	187
North Carolina.....	11,848	11,689	68.1	70.5	.77	.79	142	141
Ohio.....	6,032	6,282	50.4	63.1	.75	.77	123	131
South Carolina.....	8,424	7,501	78.9	70.3	.93	.90	144	144
Tennessee.....	10,942	11,376	76.6	68.2	1.86	1.92	113	112
Virginia.....	2,271	2,100	53.2	50.6	.94	.92	142	144
West Virginia.....	22	-	-	-	.67	-	114	-
Wisconsin.....	40	68	-	-	.61	.70	186	173
Louisiana	2,557	2,785	100.0	100.0	1.36	1.55	137	135
Louisiana.....	2,557	2,785	100.0	100.0	1.36	1.55	137	135
Maryland	3,041	2,702	91.7	93.5	1.35	1.32	122	124
Delaware.....	118	100	100.0	100.0	1.11	1.10	146	148
Maryland.....	502	576	89.2	87.0	1.14	1.10	176	174
Pennsylvania.....	22	10	-	-	.94	.87	130	133
Virginia.....	-	30	-	-	-	1.35	-	152
West Virginia.....	2,400	1,987	92.6	96.9	1.41	1.40	109	107
Missouri	149	225	96.2	98.2	2.93	3.38	119	108
Kansas.....	21	152	100.0	100.0	3.05	3.79	127	101
Missouri.....	128	73	95.6	94.6	2.91	2.52	118	122
Montana	29,652	27,156	93.2	97.3	.59	.60	117	127
Illinois.....	1,049	1,126	100.0	100.0	.35	.34	230	261
Indiana.....	-	957	-	100.0	-	.35	-	255
Iowa.....	84	55	26.8	-	.32	.34	137	148
Kansas.....	120	104	100.0	100.0	.36	.41	93	95
Michigan.....	7,682	6,127	92.9	97.3	.39	.41	146	154
Minnesota.....	6,971	6,957	96.1	95.0	.68	.65	111	112
Mississippi.....	2,450	2,398	100.0	100.0	.40	.42	146	145
Montana.....	7,552	6,122	100.0	100.0	.87	.90	67	69
Ohio.....	-	42	-	-	-	.31	-	149
South Dakota.....	1,315	1,398	100.0	100.0	.71	.72	93	93
Washington.....	1,135	249	-	49.4	.37	.40	121	128
Wisconsin.....	1,293	1,622	100.0	99.4	.62	.62	111	110
New Mexico	19,882	19,684	92.5	91.5	.75	.76	139	146
Arizona.....	7,941	7,338	81.2	77.3	.58	.56	147	162
New Mexico.....	11,614	11,966	100.0	100.0	.88	.90	133	136
Wisconsin.....	327	380	100.0	100.0	.49	.45	153	157
North Dakota	17,516	16,781	100.0	99.4	1.16	1.16	76	77
North Dakota.....	17,516	16,781	100.0	99.4	1.16	1.16	76	77
Ohio	17,830	19,234	82.0	72.9	3.02	2.97	142	127
Indiana.....	778	903	-	-	3.40	3.55	110	102
Iowa.....	5	-	-	-	3.31	-	140	-
Kentucky.....	531	564	90.5	46.5	3.48	3.65	94	88
Michigan.....	111	61	26.1	98.0	2.65	2.57	157	156
New York.....	3	-	-	-	3.17	-	128	-
Ohio.....	15,374	16,168	85.1	75.3	2.99	2.91	148	132
Pennsylvania.....	153	310	100.0	100.0	3.06	3.03	166	169
West Virginia.....	875	1,228	100.0	100.0	3.04	3.10	89	87
Oklahoma	117	80	100.0	88.0	2.78	2.64	110	107
Kansas.....	56	13	100.0	26.0	2.77	2.93	118	116
Missouri.....	-	4	-	100.0	-	3.08	-	132
Oklahoma.....	60	63	100.0	100.0	2.78	2.55	103	103
Pennsylvania	43,380	39,083	71.5	69.0	1.44	1.45	132	131
Alabama.....	29	74	100.0	100.0	1.53	1.83	112	113
Delaware.....	390	369	97.6	74.6	1.02	1.02	142	142
Indiana.....	494	443	96.6	95.4	1.58	1.74	106	105
Iowa.....	5	-	-	-	1.00	-	140	-
Kentucky.....	59	96	84.3	78.6	1.66	1.73	108	108
Maryland.....	2,404	1,273	18.0	43.1	1.12	1.12	147	153
Massachusetts.....	117	188	100.0	82.1	1.18	.99	161	166
Michigan.....	2,600	1,946	60.6	84.9	1.16	1.15	126	122
New Hampshire.....	621	612	97.6	77.3	1.12	1.09	166	166
New Jersey.....	*	-	100.0	-	.61	-	192	-
New York.....	2,893	1,983	84.2	89.2	1.28	1.33	137	135
Ohio.....	3,712	2,634	46.8	38.8	1.41	1.39	126	116

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-September 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								
Pennsylvania.....	25,920	25,819	76.9	68.7	1.57	1.55	131	131
Tennessee.....	476	541	96.9	100.0	1.63	1.89	110	109
West Virginia.....	2,029	1,689	94.0	87.6	1.20	1.20	125	125
Wisconsin.....	1,629	1,416	54.7	53.0	1.16	1.16	146	146
Tennessee	1,814	2,153	99.1	95.1	1.04	.90	127	126
Alabama.....	438	539	100.0	100.0	.70	.71	137	133
Georgia.....	10	-	-	-	.51	-	155	-
South Carolina.....	267	296	100.0	90.2	1.07	1.19	153	151
Tennessee.....	1,100	1,318	99.4	94.2	1.17	.92	116	118
Texas	36,949	37,698	100.0	100.0	1.65	1.62	99	95
Louisiana.....	123	-	100.0	-	2.34	-	132	-
Texas.....	36,826	37,698	100.0	100.0	1.64	1.62	99	95
Utah	13,796	13,750	88.3	90.1	.41	.42	119	119
Alabama.....	-	122	-	81.1	-	.39	-	122
Illinois.....	618	1,163	93.2	67.9	.40	.38	166	174
Kentucky.....	11	132	100.0	92.4	.52	.54	140	134
Michigan.....	30	-	-	-	.44	-	146	-
Missouri.....	-	11	-	100.0	-	.47	-	145
Nevada.....	2,455	1,688	64.5	80.7	.35	.42	150	157
Tennessee.....	1,059	985	48.5	97.7	.49	.46	124	122
Utah.....	9,622	9,578	98.7	94.5	.42	.42	108	105
Wisconsin.....	-	72	-	-	-	.44	-	164
Virginia	12,326	11,162	78.7	79.2	.77	.85	144	146
Connecticut.....	-	4	-	100.0	-	.52	-	184
Delaware.....	110	110	100.0	92.0	.59	.66	176	157
Florida.....	549	694	96.6	92.1	.62	.75	208	206
Georgia.....	2,610	1,526	56.7	68.0	.69	.73	153	159
Indiana.....	663	662	100.0	95.3	.53	.53	158	156
New Hampshire.....	-	10	-	-	-	1.06	-	212
New Jersey.....	581	596	99.1	93.2	.52	.58	155	178
North Carolina.....	180	431	.1	-	.76	.88	134	128
Ohio.....	441	287	100.0	96.5	.54	.59	125	123
South Carolina.....	843	838	100.0	95.4	1.05	1.09	150	152
Tennessee.....	1,281	1,451	94.8	80.7	1.25	1.41	129	125
Virginia.....	5,067	4,552	75.8	79.7	.75	.79	134	135
Washington	3,433	3,142	100.0	100.0	.83	.82	159	174
Washington.....	3,433	3,142	100.0	100.0	.83	.82	159	174
West Virginia	78,734	77,298	80.2	80.9	1.23	1.19	139	141
Alabama.....	1,302	2,143	49.8	68.0	1.50	1.26	133	132
Connecticut.....	73	139	79.5	79.9	.46	.48	182	190
Delaware.....	649	741	94.8	87.5	.56	.55	163	169
Florida.....	1,632	1,928	51.0	48.9	1.29	1.13	165	170
Georgia.....	3,779	3,457	77.5	75.0	.61	.58	181	182
Illinois.....	-	47	-	-	-	.72	-	146
Indiana.....	1,533	843	44.8	55.3	1.05	.93	117	141
Iowa.....	1	6	-	-	2.08	2.08	164	154
Kentucky.....	4,485	5,038	71.6	64.5	1.53	1.37	109	112
Maryland.....	4,904	5,213	90.5	79.8	.81	.81	142	148
Massachusetts.....	1,740	1,502	76.3	82.1	.56	.56	168	173
Michigan.....	3,600	4,022	53.9	69.4	.93	.91	152	153
New Hampshire.....	161	361	100.0	73.5	1.78	1.43	160	155
New Jersey.....	913	808	75.3	87.9	1.08	1.30	164	175
New York.....	2,641	2,991	90.8	90.6	1.71	1.57	137	136
North Carolina.....	8,578	7,606	88.1	87.4	.64	.62	148	148
Ohio.....	13,451	12,785	78.7	70.5	.91	.83	135	134
Pennsylvania.....	7,005	6,695	96.8	92.8	2.53	2.33	152	152
South Carolina.....	153	111	89.8	-	.76	1.21	160	149
Tennessee.....	12	-	-	-	.60	-	123	-
Virginia.....	2,181	2,131	60.6	85.2	.64	.72	144	144
West Virginia.....	19,936	18,706	84.6	93.4	1.52	1.57	125	128
Wisconsin.....	5	24	-	-	1.59	.53	177	147
Wyoming	226,447	201,972	82.4	87.1	.39	.40	112	116
Alabama.....	4,594	3,645	99.7	99.3	.31	.29	118	112
Arizona.....	251	70	-	-	.29	.43	119	106
Arkansas.....	10,576	8,911	92.3	92.3	.36	.37	151	166
Colorado.....	5,148	4,502	95.2	92.3	.35	.33	85	88
Florida.....	819	788	-	-	.46	.50	136	141
Georgia.....	4,594	3,962	-	-	.41	.45	150	150

See footnotes at end of table.

Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-September 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								
Illinois.....	14,958	15,338	87.4	90.1	0.33	0.37	189	181
Indiana.....	13,661	12,297	84.3	85.7	.34	.34	115	113
Iowa.....	14,916	11,511	75.9	82.8	.44	.45	86	91
Kansas.....	12,823	10,666	98.7	99.5	.42	.43	96	101
Kentucky.....	94	360	23.9	66.1	.32	.54	94	115
Louisiana.....	7,674	7,250	99.6	100.0	.52	.54	144	151
Michigan.....	7,628	7,148	85.4	85.0	.35	.33	99	106
Minnesota.....	6,209	6,040	98.0	100.0	.28	.31	107	111
Mississippi.....	366	187	-	-	.48	.52	133	135
Missouri.....	26,815	22,978	62.2	82.1	.31	.33	88	89
Montana.....	207	360	100.0	100.0	.29	.27	52	55
Nebraska.....	8,797	8,171	80.1	76.9	.32	.36	59	59
Nevada.....	-	17	-	-	-	.48	-	95
North Carolina.....	-	40	-	-	-	.56	-	179
North Dakota.....	-	107	-	-	-	.52	-	65
Ohio.....	1,056	952	13.6	36.4	.36	.27	120	125
Oklahoma.....	14,889	14,040	97.1	99.9	.33	.33	92	92
Oregon.....	1,385	462	-	-	.38	.37	109	114
Tennessee.....	2,553	1,440	93.6	40.0	.37	.44	91	90
Texas.....	34,254	30,505	84.4	88.6	.42	.42	147	152
Utah.....	-	22	-	-	-	.27	-	128
Wisconsin.....	13,290	13,210	83.7	89.5	.35	.37	96	97
Wyoming.....	18,889	16,992	92.4	96.8	.61	.61	77	82
Imported Coal.....	4,293	3,474	61.3	84.2	.52	.59	157	159
Canada.....	-	10	-	-	-	.42	-	171
Washington.....	-	10	-	-	-	.42	-	171
Colombia.....	1,811	1,983	81.8	98.8	.52	.61	156	158
Florida.....	1,191	997	82.3	100.0	.54	.70	148	150
Massachusetts.....	467	919	100.0	100.0	.51	.52	170	165
New Hampshire.....	35	-	-	-	.49	-	173	-
New York.....	35	67	100.0	64.2	.47	.51	170	173
Texas.....	84	-	-	-	.46	-	179	-
Venezuela.....	1,958	975	43.3	46.9	.58	.66	155	161
Connecticut.....	36	35	-	-	.42	.48	162	170
Florida.....	235	-	-	-	.58	-	159	-
Georgia.....	336	229	-	-	.84	1.14	146	138
Massachusetts.....	472	222	100.0	100.0	.53	.52	153	164
Mississippi.....	129	-	-	-	.60	-	139	-
New Hampshire.....	258	229	-	-	.52	.55	148	161
New Jersey.....	39	-	-	-	.52	-	155	-
New York.....	410	259	91.6	90.8	.47	.49	169	174
Texas.....	43	-	-	-	.57	-	186	-
Indonesia.....	523	507	57.4	100.0	.21	.37	166	162
Florida.....	448	507	67.0	100.0	.23	.37	158	162
Louisiana.....	75	-	-	-	.09	-	214	-
U.S. Total.....	692,856	654,258	81.0	82.5	1.05	1.08	126	128

* For quantity data, the number 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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
Middle Atlantic Total	2,165	2,122	2,942	6,892	8,630	-20.1
East North Central Total	2,716	2,909	2,956	8,286	7,999	3.6
South Atlantic Total	w	w	w	w	w	w
East South Central Total	974	946	1,155	2,903	3,351	-13.4
Mountain Total	w	w	w	w	w	w
U.S. Total	6,815	6,972	7,694	20,890	22,103	-5.5

^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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
Middle Atlantic Total	\$43.67	\$43.93	\$46.80	\$44.48	\$47.34	-6.0
East North Central Total	49.50	48.87	46.94	48.96	49.02	-.1
South Atlantic Total	w	w	w	w	w	w
East South Central Total	\$46.84	\$47.05	\$47.95	\$47.21	\$47.80	-1.2
Mountain Total	w	w	w	w	w	w
U.S. Total	\$46.38	\$46.05	\$46.71	\$46.35	\$47.68	-2.8

¹ Based on the cost including insurance and freight (c.i.f. cost).

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

Census Division and State	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
New England Total	85	112	62	268	176	52.9
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	50	-	50	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	27	27	-	80	-	-
Middle Atlantic Total	1,489	w	w	4,283	w	w
New Jersey.....	w	w	w	w	w	w
New York.....	w	392	426	w	1,069	w
Pennsylvania.....	1,013	1,046	1,061	3,123	3,197	-2.3
East North Central Total	3,787	3,858	4,325	11,482	12,569	-8.6
Illinois.....	888	984	892	2,900	2,827	2.6
Indiana.....	986	1,143	1,264	3,274	3,733	-12.3
Michigan.....	591	468	786	1,349	1,762	-23.4
Ohio.....	859	891	898	2,769	2,950	-6.1
Wisconsin.....	463	372	485	1,190	1,297	-8.2
West North Central Total	3,443	3,287	3,229	9,745	9,476	2.8
Iowa.....	885	865	930	2,330	2,297	1.4
Kansas.....	28	28	37	88	107	-17.8
Minnesota.....	384	397	285	1,125	970	15.9
Missouri.....	320	287	292	901	920	-2.1
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	122	112	113	331	326	1.6
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	329	356	329	1,018	1,007	1.1
Georgia.....	465	476	502	1,504	1,515	-0.8
Maryland.....	196	174	197	560	587	-4.5
North Carolina.....	452	496	514	1,512	1,683	-10.1
South Carolina.....	477	499	474	1,458	1,493	-2.3
Virginia.....	567	537	565	1,746	1,894	-7.8
West Virginia.....	405	370	396	1,188	1,211	-1.9
East South Central Total	w	w	w	w	w	w
Alabama.....	601	655	611	1,966	1,916	2.6
Kentucky.....	454	449	529	1,399	1,690	-17.2
Mississippi.....	w	w	w	w	w	w
Tennessee.....	847	917	927	2,726	2,772	-1.7
West South Central Total	1,427	1,522	1,441	4,425	4,250	4.1
Arkansas.....	62	73	69	204	236	-13.6
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,191	1,250	1,233	3,609	3,492	3.3
Mountain Total	w	w	w	w	w	w
Arizona.....	179	195	181	547	520	5.2
Colorado.....	190	158	186	528	573	-7.7
Idaho.....	147	w	w	322	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.....	236	249	164	625	426	46.6
Wyoming.....	464	454	460	1,441	1,427	.9
Pacific Total	768	2,171	533	3,746	1,722	117.6
Alaska.....	w	w	w	w	w	w
California.....	669	677	481	2,037	1,477	37.9
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	66	13	26	93	117	-20.2
U.S. Total	17,211	18,614	17,410	53,038	52,042	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-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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
New England Total	\$58.06	\$59.82	\$65.31	\$60.72	\$63.20	-3.9
Connecticut	-	-	-	-	-	-
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
New Hampshire	-	-	-	-	-	-
Rhode Island	-	-	-	-	-	-
Vermont	-	-	-	-	-	-
Middle Atlantic Total	\$35.87	w	w	\$35.62	w	w
New Jersey	w	w	w	w	w	w
New York	w	\$41.94	\$42.39	w	\$41.59	w
Pennsylvania	\$32.92	33.52	33.55	\$33.48	34.17	-2.0
East North Central Total	33.15	32.54	33.92	32.83	33.34	-1.6
Illinois	29.78	29.05	30.25	29.32	29.74	-1.4
Indiana	29.96	30.03	30.13	30.04	29.39	2.2
Michigan	39.13	40.01	41.38	40.09	41.47	-3.3
Ohio	32.21	32.68	33.25	33.09	34.15	-3.1
Wisconsin	40.72	40.08	39.98	40.53	40.19	.8
West North Central Total	18.86	19.09	19.16	18.81	19.01	-1.0
Iowa	29.64	29.41	30.45	28.44	29.03	-2.0
Kansas	32.44	29.05	29.94	30.77	31.93	-3.6
Minnesota	28.59	29.31	29.97	30.68	32.03	-4.2
Missouri	29.30	30.49	29.03	30.54	30.00	1.8
Nebraska	w	w	w	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	\$22.93	\$23.17	\$23.34	\$23.62	\$23.55	.3
South Atlantic Total	w	w	w	w	w	w
Delaware	w	w	w	w	w	w
District of Columbia	-	-	-	-	-	-
Florida	\$44.24	\$45.02	\$45.14	\$44.66	\$45.28	-1.4
Georgia	44.98	44.31	44.39	44.56	44.80	-1.5
Maryland	31.80	33.29	32.79	32.57	32.65	-2
North Carolina	41.95	42.16	43.12	42.58	43.16	-1.3
South Carolina	43.57	44.04	44.37	44.11	44.28	-4
Virginia	43.14	44.39	43.41	43.85	43.84	*
West Virginia	49.14	48.55	36.81	47.99	34.90	37.5
East South Central Total	w	w	w	w	w	w
Alabama	\$40.50	\$37.53	\$40.40	\$39.54	\$40.23	-1.7
Kentucky	42.78	44.64	43.94	43.72	44.53	-1.8
Mississippi	w	w	w	w	w	w
Tennessee	\$36.76	\$36.16	\$36.10	\$36.74	\$36.15	1.6
West South Central Total	22.93	22.46	21.45	22.63	22.41	1.0
Arkansas	41.60	41.27	42.03	41.39	43.06	-3.9
Louisiana	w	w	w	w	w	w
Oklahoma	w	w	w	w	w	w
Texas	\$21.35	\$20.76	\$19.50	\$20.84	\$19.86	4.9
Mountain Total	w	w	w	w	w	w
Arizona	\$38.58	\$39.59	\$38.83	\$38.81	\$39.23	-1.1
Colorado	24.62	25.51	25.37	25.03	25.03	*
Idaho	34.76	w	w	34.36	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	\$19.80	\$17.96	\$18.02	\$19.07	\$19.04	.2
Wyoming	23.91	23.99	24.08	24.06	23.52	2.3
Pacific Total	43.07	40.06	43.33	43.27	43.30	-1
Alaska	w	w	w	w	w	w
California	\$40.71	\$39.86	\$40.83	\$41.16	\$40.31	2.1
Hawaii	w	w	w	w	w	w
Oregon	w	w	w	w	w	w
Washington	\$49.33	\$47.02	\$72.35	\$56.41	\$58.41	-3.4
U.S. Total	32.12	31.88	32.33	32.26	32.41	-5

* Rounded to zero.

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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
311 Food Manufacturing.....	1,930	1,905	1,866	5,923	5,703	3.9
312 Beverage and Tobacco Product Mfg.....	121	126	134	387	426	-9.0
313 Textile Mills.....	185	206	228	654	734	-10.9
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.....	3,018	2,897	3,278	9,177	9,757	-5.9
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	1,633	w	4,938	w
325 Chemicals Manufacturing.....	3,002	3,013	2,942	9,179	9,423	-2.6
326 Plastics and Rubber Products Mfg.....	47	43	44	141	153	-7.8
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w	w	w
331 Primary Metal Manufacturing ²	w	w	2,323	w	6,354	w
332 Fabricated Metal Product Mfg.....	34	39	54	153	215	-28.6
333 Machinery Manufacturing.....	38	50	67	179	213	-15.8
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.....	91	117	122	449	629	-28.6
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w	w	w
U.S. Total.....	16,007	15,885	16,414	47,902	49,020	-2.3

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	July - September 1998	April - June 1998	July - September 1997	Percent Difference July - September: 1998 versus 1997
311 Food Manufacturing.....	\$29.85	\$28.92	\$29.88	-0.1
312 Beverage and Tobacco Product Mfg.....	44.55	46.49	46.45	-4.1
313 Textile Mills.....	45.82	47.97	47.47	-3.5
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.....	\$39.86	\$39.39	\$40.28	-1.0
323 Printing and Related Support.....	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	11.09	w
325 Chemicals Manufacturing.....	\$36.40	\$36.42	34.64	5.1
326 Plastics and Rubber Products Mfg.....	31.95	31.46	31.19	2.4
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w
331 Primary Metal Manufacturing ²	w	w	\$25.88	w
332 Fabricated Metal Product Mfg.....	\$52.90	\$45.90	46.03	14.9
333 Machinery Manufacturing.....	37.50	39.23	43.93	-14.6
334 Computer and Electronic Product Mfg.....	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w
336 Transportation Equipment Mfg.....	\$38.33	\$38.89	\$41.88	-8.5
337 Furniture and Related Product Mfg.....	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w
U.S. Total.....	\$32.12	\$31.88	\$32.33	-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 36. Coal Receipts by the Residential and Commercial Sector by Census Division and State
(Thousand Short Tons)

Census Division and State	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
New England Total	10	10	10	36	36	0.0
Connecticut	1	1	1	5	5	.0
Maine	w	w	w	w	w	w
Massachusetts	w	w	w	w	w	w
New Hampshire	1	1	1	4	4	.0
Rhode Island	1	1	1	2	2	.0
Vermont	1	1	1	2	2	.0
Middle Atlantic Total	301	301	301	1,053	1,053	.0
New Jersey.....	w	w	w	w	w	w
New York	w	w	w	w	w	w
Pennsylvania	249	249	249	871	871	.0
East North Central Total	274	274	274	959	959	.0
Illinois	59	59	59	207	207	.0
Indiana.....	79	79	79	277	277	.0
Michigan	38	38	38	132	132	.0
Ohio.....	66	66	66	230	230	.0
Wisconsin.....	32	32	32	114	114	.0
West North Central Total	201	201	201	704	704	.0
Iowa.....	75	75	75	262	262	.0
Kansas	*	*	*	2	2	.0
Minnesota.....	21	21	21	74	74	.0
Missouri	53	53	53	186	186	.0
Nebraska	w	w	w	w	w	w
North Dakota	w	w	w	w	w	w
South Dakota	*	*	*	1	1	.0
South Atlantic Total	120	120	120	419	419	.0
Delaware	w	w	w	w	w	w
District of Columbia.....	8	8	8	28	28	.0
Florida	-	-	-	-	-	-
Georgia.....	3	3	3	12	12	.0
Maryland.....	11	11	11	38	38	.0
North Carolina	38	38	38	134	134	.0
South Carolina	*	*	*	1	1	.0
Virginia.....	36	36	36	128	128	.0
West Virginia.....	21	21	21	74	74	.0
East South Central Total	w	w	w	w	w	w
Alabama.....	15	15	15	51	51	.0
Kentucky	71	71	71	248	248	.0
Mississippi	w	w	w	w	w	w
Tennessee.....	26	26	26	92	92	.0
West South Central Total	58	58	58	204	204	.0
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.....	*	*	*	*	*	.0
Colorado.....	13	13	13	45	45	.0
Idaho	6	6	6	21	21	.0
Montana	w	w	w	w	w	w
Nevada	w	w	w	w	w	w
New Mexico	w	w	w	w	w	w
Utah.....	25	25	25	86	86	.0
Wyoming.....	28	28	28	98	98	.0
Pacific Total	127	127	127	444	444	.0
Alaska	w	w	w	w	w	w
California	22	22	22	76	76	.0
Hawaii	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	4	4	4	15	15	.0
U.S. Total	1,293	1,293	1,293	4,524	4,524	.0

* Rounded to zero.

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	^E 21,603	^E 1,029,228
1998						
January - March.....	220,498	6,938	18,192	1,939	—	247,568
April - June.....	218,700	6,929	17,000	1,293	—	243,921
July - September.....	252,845	6,779	16,510	1,293	—	277,427
Total.....	692,043	20,646	51,702	4,524	—	768,915

¹ Coal consumed by other power producers to generate electricity 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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
New England Total	1,405	1,608	1,977	4,774	5,749	-17.0
Connecticut.....	83	137	234	430	789	-45.6
Maine.....	37	30	46	111	148	-24.9
Massachusetts.....	849	1,062	1,266	3,038	3,532	-14.0
New Hampshire.....	408	352	430	1,111	1,275	-12.9
Rhode Island.....	1	1	1	2	2	.0
Vermont.....	27	27	1	82	2	NM
Middle Atlantic Total	18,901	17,036	19,337	54,176	54,320	-3
New Jersey.....	826	472	846	1,791	2,074	-13.7
New York.....	3,294	2,986	3,112	9,331	8,588	8.7
Pennsylvania.....	14,780	13,578	15,379	43,055	43,658	-1.4
East North Central Total	63,214	56,405	60,591	177,319	173,674	2.1
Illinois.....	13,006	10,437	12,545	34,139	35,519	-3.9
Indiana.....	17,926	15,954	17,193	50,015	48,887	2.3
Michigan.....	9,838	9,032	9,258	27,987	26,520	5.5
Ohio.....	15,808	15,030	14,931	46,538	43,527	6.9
Wisconsin.....	6,635	5,953	6,664	18,639	19,221	-3.0
West North Central Total	38,617	33,859	36,868	108,648	102,877	5.6
Iowa.....	6,396	5,460	6,052	17,701	16,202	9.3
Kansas.....	5,010	4,435	5,400	13,848	13,477	2.7
Minnesota.....	5,079	4,313	4,675	14,504	13,852	4.7
Missouri.....	10,715	9,358	10,046	29,364	27,568	6.5
Nebraska.....	3,016	2,942	2,853	8,801	8,664	1.6
North Dakota.....	7,853	6,712	7,232	22,623	21,311	6.2
South Dakota.....	547	639	612	1,806	1,803	.1
South Atlantic Total	49,432	43,232	46,889	132,622	126,976	4.4
Delaware.....	534	489	511	1,421	1,441	-1.3
District of Columbia.....	8	8	8	28	28	.0
Florida.....	8,210	7,111	7,948	21,821	21,698	.6
Georgia.....	10,092	8,493	9,900	25,402	24,520	3.6
Maryland.....	3,269	2,878	3,160	9,071	8,538	6.2
North Carolina.....	8,698	7,268	7,962	22,502	21,639	4.0
South Carolina.....	4,415	3,617	4,088	11,363	10,280	10.5
Virginia.....	4,192	3,823	4,006	12,020	11,385	5.6
West Virginia.....	10,015	9,545	9,307	28,994	27,446	5.6
East South Central Total	29,970	27,194	30,323	83,687	83,903	-3
Alabama.....	10,150	8,955	10,066	27,298	26,855	1.7
Kentucky.....	10,799	9,722	10,978	30,595	31,456	-2.7
Mississippi.....	1,842	1,759	1,907	4,890	4,705	3.9
Tennessee.....	7,178	6,758	7,373	20,903	20,887	.1
West South Central Total	40,882	36,251	41,467	112,321	114,333	-1.8
Arkansas.....	4,336	3,151	3,835	10,641	11,240	-5.3
Louisiana.....	3,698	3,652	3,921	10,628	10,457	1.6
Oklahoma.....	5,579	5,132	5,706	15,970	15,941	.2
Texas.....	27,269	24,317	28,005	75,081	76,694	-2.1
Mountain Total	31,668	26,132	29,694	86,819	81,641	6.3
Arizona.....	5,340	4,266	5,186	13,889	13,283	4.6
Colorado.....	4,981	4,238	4,706	13,734	13,140	4.5
Idaho.....	39	34	34	219	199	9.9
Montana.....	2,871	2,339	2,728	7,906	6,745	17.2
Nevada.....	2,337	1,433	2,002	5,766	5,345	7.9
New Mexico.....	4,390	3,702	4,064	11,758	12,025	-2.2
Utah.....	4,349	3,712	4,247	12,230	11,811	3.5
Wyoming.....	7,361	6,408	6,727	21,317	19,093	11.7
Pacific Total	3,338	2,203	2,317	8,550	6,088	40.4
Alaska.....	134	162	144	535	525	1.9
California.....	712	710	539	2,054	1,612	27.4
Hawaii.....	25	64	23	132	108	22.5
Oregon.....	615	225	296	1,400	376	272.6
Washington.....	1,852	1,042	1,315	4,429	3,467	27.7
U.S. Total	277,427	243,921	269,464	768,915	749,560	2.6

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

Notes: Consumption data exclude coal consumed by independent power producers to generate electricity and cogeneration plants not included in the other industrial, coke, and commercial sectors. See Table 37 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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
New England Total	1,324	1,533	1,912	4,523	5,538	-18.3
Connecticut.....	82	135	233	425	784	-45.9
Maine.....	-	-	-	-	-	-
Massachusetts.....	835	1,047	1,251	2,992	3,482	-14.1
New Hampshire.....	407	351	429	1,107	1,271	-12.9
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-
Middle Atlantic Total	15,089	13,163	14,604	41,836	40,256	3.9
New Jersey.....	822	468	843	1,779	2,062	-13.8
New York.....	2,531	2,238	2,381	7,017	6,342	10.6
Pennsylvania.....	11,736	10,458	11,381	33,040	31,852	3.7
East North Central Total	56,647	49,380	53,449	156,460	151,599	3.2
Illinois.....	11,474	8,807	10,968	29,230	30,639	-4.6
Indiana.....	15,567	13,353	14,421	42,322	40,518	4.5
Michigan.....	8,946	8,108	8,332	25,470	23,627	7.8
Ohio.....	14,429	13,594	13,505	42,161	39,019	8.1
Wisconsin.....	6,231	5,518	6,223	17,277	17,795	-2.9
West North Central Total	35,147	30,544	33,634	98,096	92,521	6.0
Iowa.....	5,532	4,653	5,183	15,157	13,564	11.7
Kansas.....	4,982	4,410	5,365	13,763	13,371	2.9
Minnesota.....	4,708	3,944	4,379	13,252	12,723	4.2
Missouri.....	10,349	9,002	9,702	28,238	26,481	6.6
Nebraska.....	2,913	2,865	2,762	8,509	8,377	1.6
North Dakota.....	6,231	5,144	5,749	17,702	16,521	7.1
South Dakota.....	431	526	494	1,476	1,484	-0.5
South Atlantic Total	45,676	39,419	43,353	121,073	115,723	4.6
Delaware.....	478	440	462	1,293	1,312	-1.5
District of Columbia.....	-	-	-	-	-	-
Florida.....	7,882	6,775	7,624	20,858	20,700	.8
Georgia.....	9,619	7,997	9,417	23,880	23,006	3.8
Maryland.....	3,061	2,694	2,951	8,471	7,908	7.1
North Carolina.....	8,214	6,740	7,421	20,888	19,855	5.2
South Carolina.....	3,934	3,127	3,594	9,887	8,785	12.5
Virginia.....	3,364	2,969	3,166	9,374	8,646	8.4
West Virginia.....	9,123	8,678	8,717	26,423	25,512	3.6
East South Central Total	26,959	24,048	27,037	74,237	73,734	.7
Alabama.....	8,884	7,650	8,661	23,403	22,584	3.6
Kentucky.....	9,953	8,828	10,048	27,909	28,517	-2.1
Mississippi.....	1,779	1,714	1,849	4,719	4,534	4.1
Tennessee.....	6,343	5,855	6,479	18,206	18,100	.6
West South Central Total	39,444	34,702	39,869	107,792	109,754	-1.8
Arkansas.....	4,264	3,084	3,762	10,433	11,000	-5.1
Louisiana.....	3,689	3,643	3,909	10,597	10,405	1.8
Oklahoma.....	5,346	4,881	5,458	15,217	15,174	.3
Texas.....	26,145	23,095	26,741	71,545	73,175	-2.2
Mountain Total	30,128	24,599	28,225	82,159	77,137	6.5
Arizona.....	5,162	4,085	5,000	13,367	12,761	4.7
Colorado.....	4,781	4,067	4,505	13,165	12,509	5.2
Idaho.....	-	-	-	-	-	-
Montana.....	2,839	2,312	2,689	7,793	6,594	18.2
Nevada.....	2,277	1,380	1,955	5,608	5,213	7.6
New Mexico.....	4,369	3,681	4,043	11,700	11,963	-2.2
Utah.....	3,822	3,164	3,803	10,724	10,529	1.9
Wyoming.....	6,878	5,909	6,230	19,802	17,568	12.7
Pacific Total	2,430	1,310	1,608	5,867	3,843	52.7
Alaska.....	33	61	43	182	172	6.3
California.....	-	-	-	-	-	-
Hawaii.....	-	-	-	-	-	-
Oregon.....	615	225	292	1,362	342	298.4
Washington.....	1,782	1,024	1,273	4,323	3,330	29.8
U.S. Total	252,845	218,700	243,691	692,043	670,105	3.3

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, July-September 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	-1,725	-8.9	-1,403	-29.8	-451	-8.0	-1,579	-50.5	178	25.6	1,526	30.2
Connecticut.....	1,438	43.1	-293	-60.3	-74	-3.4	-38	-6.6	6	17.4	1,836	NM
Maine.....	238	30.0	-	-	139	30.4	-	-	98	29.4	*	-
Massachusetts.....	-3,010	-32.9	-1,040	-32.5	-724	-25.2	-1,245	-74.8	36	-202.9	-37	-2.6
New Hampshire	-145	-3.7	-70	-6.8	213	180.7	-2	-26.4	4	2.1	-291	-11.4
Rhode Island	-298	-33.5	*	-	-3	-47.8	-295	-33.4	*	-	-	-
Vermont.....	52	4.0	*	-	-3	-58.4	*	-	34	23.4	18	1.6
Middle Atlantic	9,266	11.2	1,514	4.3	3,979	128.4	182	1.9	-134	-2.1	3,725	13.3
New Jersey.....	5,009	79.2	-48	-2.5	147	99.2	292	23.1	3	-7.1	4,615	150.6
New York.....	3,320	11.1	298	5.0	2,584	127.6	17	.2	-224	-3.4	645	8.7
Pennsylvania.....	936	2.0	1,264	4.6	1,247	134.8	-127	-38.3	87	NM	-1,535	-8.8
East North Central	7,635	5.5	7,124	6.6	344	52.3	1,862	97.4	-370	-42.3	-1,348	-4.7
Illinois.....	2,149	5.8	433	2.1	120	110.0	623	58.0	4	78.1	969	6.2
Indiana.....	3,136	10.9	2,894	10.2	12	6.0	238	120.5	-8	-6.1	-	-
Michigan.....	-2,454	-9.9	1,317	7.8	174	81.9	588	246.9	-105	-99.7	-4,428	-59.1
Ohio.....	2,548	7.1	2,121	6.7	31	45.7	166	145.4	-12	-8.5	242	6.2
Wisconsin.....	2,256	17.2	360	3.3	6	9.6	247	86.5	-249	-50.8	1,870	136.7
West North Central	4,816	7.0	3,228	6.3	145	41.7	1,789	101.0	-1,395	-29.7	1,048	9.3
Iowa.....	1,161	12.5	796	10.0	26	83.2	123	123.5	56	31.9	159	16.2
Kansas.....	599	5.1	-234	-2.9	9	29.8	806	84.9	*	-	17	.7
Minnesota.....	1,338	12.7	934	13.6	*	-2	178	96.4	-44	-32.9	270	8.9
Missouri.....	2,182	11.5	990	6.1	110	205.3	481	134.4	190	101.1	410	19.4
Nebraska.....	558	7.4	217	4.9	5	56.4	143	124.0	1	.1	192	7.7
North Dakota.....	149	1.9	638	9.7	-14	-59.8	*	-158.1	-475	-43.2	-	-
South Dakota.....	-1,171	-33.0	-114	-14.0	9	309.4	56	89.7	-1,123	-42.1	-	-
South Atlantic	17,172	9.6	7,472	7.1	7,027	59.0	1,505	12.1	-203	-11.7	1,371	2.9
Delaware.....	323	18.1	72	6.7	168	70.2	83	17.7	-	-	-	-
District of Columbia.....	119	254.3	-	-	119	254.3	-	-	-	-	-	-
Florida.....	6,027	13.3	598	3.3	3,995	37.8	-532	-5.2	*	-3	1,966	31.1
Georgia.....	3,196	10.6	2,121	10.1	222	175.7	631	137.7	18	2.2	205	2.6
Maryland.....	1,565	12.7	383	4.9	1,078	251.3	255	61.8	49	43.4	-200	-5.6
North Carolina	3,091	10.6	1,979	10.4	69	134.4	351	137.0	-125	-16.5	818	8.9
South Carolina	20	.1	886	9.6	63	86.1	140	139.1	-95	-60.5	-974	-7.5
Virginia.....	2,038	12.7	651	8.1	1,314	409.3	570	111.7	-55	29.6	-443	-5.9
West Virginia.....	792	3.6	781	3.6	*	-3	6	129.8	5	11.0	-	-
East South Central	-176	-2	-1,538	-2.5	1,568	214.0	783	21.9	-494	-10.2	-494	-2.9
Alabama.....	-848	-2.7	-483	-2.4	53	214.6	817	138.7	-405	-22.1	-830	-10.3
Kentucky.....	-16	-1	-175	-8	-3	-8.7	162	204.1	*	*	-	-
Mississippi.....	477	4.8	-174	-4.6	1,180	194.9	-474	-16.9	-	-	-55	-2.1
Tennessee.....	211	.9	-707	-4.6	337	493.9	278	257.5	-88	-4.0	391	6.3
West South Central	9,855	7.4	-502	-9	81	60.5	9,943	17.6	-560	-31.1	894	5.4
Arkansas.....	1,111	9.1	665	10.6	44	271.9	580	39.3	-233	-28.7	56	1.5
Louisiana.....	1,763	9.3	-355	-6.0	37	42.0	1,238	12.5	-	-	843	28.0
Oklahoma.....	1,268	8.4	-304	-3.4	-3	-60.6	1,867	34.8	-291	-44.2	-	-
Texas.....	5,713	6.6	-507	-1.4	4	14.6	6,259	15.8	-36	-10.9	-5	-1
Mountain	4,520	5.9	3,262	6.2	15	30.0	1,330	27.3	-643	-5.3	560	7.8
Arizona.....	1,460	6.8	318	3.2	7	73.1	661	52.3	-87	-2.7	560	7.8
Colorado.....	749	8.2	470	5.6	12	245.0	282	168.0	-14	-2.6	*	-
Idaho.....	-528	-14.9	-	-	*	136.4	*	-	-528	-14.9	-	-
Montana.....	67	.9	186	4.4	-1	-19.3	3	19.2	-121	-3.6	-	-
Nevada.....	1,044	15.0	762	18.6	-1	-19.5	269	12.9	14	1.9	-	-
New Mexico.....	796	9.9	726	10.5	2	84.5	68	6.2	*	.5	-	-
Utah.....	252	2.8	165	1.9	*	5.4	47	20.3	44	16.1	-	-
Wyoming.....	681	6.3	635	6.1	-4	-27.7	*	14.7	50	12.0	-	-
Pacific	-7,047	-9.6	1,208	47.1	15	37.3	-4,805	-31.3	-4,143	-9.4	770	7.4
California.....	-1,272	-3.7	-	-	19	76.0	-5,569	-38.5	3,466	33.9	903	10.9
Oregon.....	-927	-8.5	391	60.2	*	.6	353	51.3	-1,671	-17.6	*	-
Washington.....	-4,848	-17.1	818	42.7	-3	-30.8	410	250.4	-5,937	-24.6	-132	-6.5
Pacific Noncontiguous	-112	-3.9	-7	-18.1	84	4.5	-104	-15.7	-84	-25.7	-	-
Alaska.....	-141	-11.3	-7	-18.1	51	23.2	-104	-15.7	-80	-25.0	-	-
Hawaii.....	29	1.8	-	-	33	2.0	-	-	-4	-65.6	-	-
Total	44,204	5.1	20,358	4.2	12,807	52.3	10,904	9.9	-7,847	-10.1	8,052	4.7

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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
Middle Atlantic Total	2,148	2,141	3,005	6,979	8,687	-19.7
East North Central Total	2,689	2,811	2,895	8,264	8,525	-3.1
South Atlantic Total	w	w	w	w	w	w
East South Central Total	949	979	1,111	2,878	3,333	-13.7
Mountain Total	w	w	w	w	w	w
U.S. Total	6,779	6,929	7,700	20,987	22,700	-7.5

^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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
New England Total	w	65	55	w	174	w
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	27	27	-	80	-	-
Middle Atlantic Total	1,363	w	w	4,309	w	w
New Jersey.....	w	w	w	w	w	w
New York.....	w	365	359	w	1,077	w
Pennsylvania.....	971	1,064	1,065	3,151	3,239	-2.7
East North Central Total	3,604	3,940	3,973	11,976	12,591	-4.9
Illinois.....	878	961	898	2,887	2,844	1.5
Indiana.....	1,004	1,128	1,247	3,386	3,778	-10.4
Michigan.....	498	536	527	1,678	1,760	-4.6
Ohio.....	853	914	893	2,776	2,897	-4.2
Wisconsin.....	372	402	408	1,249	1,313	-4.8
West North Central Total	3,269	3,113	3,032	9,848	9,652	2.0
Iowa.....	789	732	794	2,283	2,377	-3.9
Kansas.....	27	25	34	83	105	-20.3
Minnesota.....	350	348	274	1,179	1,054	11.8
Missouri.....	313	303	291	940	900	4.4
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	116	113	117	329	319	3.2
South Atlantic Total	w	w	w	w	w	w
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	329	337	323	963	998	-3.5
Georgia.....	469	493	480	1,511	1,503	.5
Maryland.....	196	173	198	562	592	-5.1
North Carolina.....	445	489	502	1,480	1,650	-10.3
South Carolina.....	481	490	493	1,476	1,495	-1.3
Virginia.....	533	564	551	1,756	1,875	-6.3
West Virginia.....	401	378	387	1,189	1,210	-1.8
East South Central Total	w	w	w	w	w	w
Alabama.....	629	661	615	1,987	1,888	5.2
Kentucky.....	451	473	522	1,418	1,690	-16.1
Mississippi.....	w	w	w	w	w	w
Tennessee.....	809	877	868	2,605	2,696	-3.4
West South Central Total	1,380	1,491	1,540	4,325	4,375	-1.2
Arkansas.....	72	68	73	208	241	-13.4
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,124	1,222	1,264	3,536	3,519	.5
Mountain Total	1,184	1,166	1,125	3,549	3,421	3.7
Arizona.....	178	181	186	522	522	.1
Colorado.....	187	158	188	523	585	-10.6
Idaho.....	33	w	w	198	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.....	237	247	165	624	428	45.6
Wyoming.....	455	471	469	1,417	1,426	-6
Pacific Total	781	766	582	2,239	1,801	24.4
Alaska.....	w	w	w	w	w	w
California.....	691	688	517	1,978	1,536	28.8
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	13	38	w	122	w
U.S. Total	16,510	17,000	16,781	51,702	52,231	-1.0

^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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
311 Food Manufacturing.....	1,711	1,822	1,680	5,751	5,667	1.5
312 Beverage and Tobacco Product Mfg.....	121	128	131	395	426	-7.3
313 Textile Mills.....	200	219	214	694	745	-6.8
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.....	2,915	3,024	3,112	9,347	9,829	-4.9
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products ¹	w	w	1,571	w	4,919	w
325 Chemicals Manufacturing.....	2,856	3,041	3,002	9,115	9,493	-4.0
326 Plastics and Rubber Products Mfg.....	47	43	44	140	149	-6.1
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w	w	w
331 Primary Metal Manufacturing ²	w	w	2,235	w	6,349	w
332 Fabricated Metal Product Mfg.....	31	50	37	156	197	-20.8
333 Machinery Manufacturing.....	24	48	36	191	258	-26.0
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.....	84	131	114	470	635	-26.0
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w	w	w
U.S. Total.....	15,307	15,796	15,785	48,092	49,209	-2.3

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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
New England Total	10	10	10	36	36	0.0
Connecticut.....	1	1	1	5	5	.0
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	1	1	1	4	4	.0
Rhode Island.....	1	1	1	2	2	.0
Vermont.....	1	1	1	2	2	.0
Middle Atlantic Total	301	301	301	1,053	1,053	.0
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	249	249	249	871	871	.0
East North Central Total	274	274	274	959	959	.0
Illinois.....	59	59	59	207	207	.0
Indiana.....	79	79	79	277	277	.0
Michigan.....	38	38	38	132	132	.0
Ohio.....	66	66	66	230	230	.0
Wisconsin.....	32	32	32	114	114	.0
West North Central Total	201	201	201	704	704	.0
Iowa.....	75	75	75	262	262	.0
Kansas.....	*	*	*	2	2	.0
Minnesota.....	21	21	21	74	74	.0
Missouri.....	53	53	53	186	186	.0
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	*	*	*	1	1	.0
South Atlantic Total	120	120	120	419	419	.0
Delaware.....	w	w	w	w	w	w
District of Columbia.....	8	8	8	28	28	.0
Florida.....	-	-	-	-	-	-
Georgia.....	3	3	3	12	12	.0
Maryland.....	11	11	11	38	38	.0
North Carolina.....	38	38	38	134	134	.0
South Carolina.....	*	*	*	1	1	.0
Virginia.....	36	36	36	128	128	.0
West Virginia.....	21	21	21	74	74	.0
East South Central Total	w	w	w	w	w	w
Alabama.....	15	15	15	51	51	.0
Kentucky.....	71	71	71	248	248	.0
Mississippi.....	w	w	w	w	w	w
Tennessee.....	26	26	26	92	92	.0
West South Central Total	58	58	58	204	204	.0
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.....	*	*	*	*	*	.0
Colorado.....	13	13	13	45	45	.0
Idaho.....	6	6	6	21	21	.0
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	25	25	25	86	86	.0
Wyoming.....	28	28	28	98	98	.0
Pacific Total	127	127	127	444	444	.0
Alaska.....	w	w	w	w	w	w
California.....	22	22	22	76	76	.0
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	4	4	4	15	15	.0
U.S. Total	1,293	1,293	1,293	4,524	4,524	.0

* Rounded to zero.

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	107,540	1,986	4,588	114,114	^E 40,994	^E 155,108
June 30	118,254	1,868	4,614	124,735	^E 38,331	^E 163,066
September 30	104,700	1,943	5,268	111,911	^E 39,803	^E 151,714

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, September 30, 1998
(Thousand Short Tons)

Census Division and State	Electric Utilities	Coke Plants	Other Industrial ¹	Total
New England Total	518	—	w	583
Connecticut.....	121	—	w	w
Maine.....	—	—	w	w
Massachusetts.....	151	—	w	w
New Hampshire.....	246	—	w	w
Rhode Island.....	—	—	w	w
Vermont.....	—	—	w	w
Middle Atlantic Total	8,796	572	w	w
New Jersey.....	492	—	w	w
New York.....	831	w	242	w
Pennsylvania.....	7,473	w	w	8,148
East North Central Total	29,116	940	1,461	31,517
Illinois.....	5,035	w	246	w
Indiana.....	7,002	w	w	7,845
Michigan.....	8,481	w	504	w
Ohio.....	4,619	w	w	4,861
Wisconsin.....	3,979	—	251	4,230
West North Central Total	14,972	—	1,035	16,008
Iowa.....	2,778	—	558	3,336
Kansas.....	2,559	—	21	2,580
Minnesota.....	1,908	—	201	2,110
Missouri.....	4,075	—	136	4,211
Nebraska.....	1,822	—	w	w
North Dakota.....	1,662	—	w	w
South Dakota.....	169	—	w	w
South Atlantic Total	16,757	w	w	w
Delaware.....	386	—	w	w
District of Columbia.....	—	—	—	—
Florida.....	3,351	—	97	3,448
Georgia.....	2,761	—	122	2,884
Maryland.....	901	w	15	w
North Carolina.....	2,331	—	141	2,472
South Carolina.....	1,873	—	170	2,043
Virginia.....	1,275	w	157	w
West Virginia.....	3,879	w	118	w
East South Central Total	10,229	316	w	w
Alabama.....	3,432	w	w	3,792
Kentucky.....	4,086	w	68	w
Mississippi.....	589	—	w	w
Tennessee.....	2,122	—	223	2,345
West South Central Total	12,437	—	373	12,810
Arkansas.....	1,126	—	16	1,142
Louisiana.....	1,620	—	18	1,637
Oklahoma.....	2,248	—	102	2,350
Texas.....	7,443	—	237	7,681
Mountain Total	10,505	w	403	w
Arizona.....	2,059	—	53	2,112
Colorado.....	2,792	—	23	2,815
Idaho.....	—	—	231	231
Montana.....	415	—	w	w
Nevada.....	867	—	w	w
New Mexico.....	774	—	w	w
Utah.....	2,612	w	5	w
Wyoming.....	987	—	77	1,064
Pacific Total	1,368	—	239	1,607
Alaska.....	—	—	—	—
California.....	—	—	180	180
Hawaii.....	—	—	w	w
Oregon.....	253	—	w	w
Washington.....	1,116	—	13	1,129
U.S. Total	104,700	1,943	5,268	111,911

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	September 30, 1998	June 30, 1998	September 30, 1997	Percent Difference September 30: 1998 versus 1997
New England Total	518	1,114	987	-47.6
Connecticut.....	121	175	148	-18.4
Maine.....	-	-	-	-
Massachusetts.....	151	695	570	-73.6
New Hampshire.....	246	244	269	-8.5
Rhode Island.....	-	-	-	-
Vermont.....	-	-	-	-
Middle Atlantic Total	8,796	9,584	9,039	-2.7
New Jersey.....	492	691	526	-6.5
New York.....	831	813	642	29.5
Pennsylvania.....	7,473	8,080	7,871	-5.1
East North Central Total	29,116	32,405	27,426	6.2
Illinois.....	5,035	6,634	4,878	3.2
Indiana.....	7,002	7,670	5,772	21.3
Michigan.....	8,481	8,662	6,248	35.8
Ohio.....	4,619	5,231	6,163	-25.0
Wisconsin.....	3,979	4,209	4,366	-8.9
West North Central Total	14,972	15,743	14,544	2.9
Iowa.....	2,778	2,606	2,851	-2.6
Kansas.....	2,559	2,878	2,205	16.0
Minnesota.....	1,908	1,881	1,947	-2.0
Missouri.....	4,075	4,662	3,838	6.2
Nebraska.....	1,822	1,831	1,538	18.5
North Dakota.....	1,662	1,697	1,996	-16.7
South Dakota.....	169	187	169	-5
South Atlantic Total	16,757	21,123	17,121	-2.1
Delaware.....	386	237	331	16.8
District of Columbia.....	-	-	-	-
Florida.....	3,351	4,471	3,120	7.4
Georgia.....	2,761	3,041	2,605	6.0
Maryland.....	901	1,273	999	-9.9
North Carolina.....	2,331	3,391	2,595	-10.2
South Carolina.....	1,873	2,448	1,952	-4.1
Virginia.....	1,275	1,141	991	28.6
West Virginia.....	3,879	5,120	4,528	-14.3
East South Central Total	10,229	11,804	9,704	5.4
Alabama.....	3,432	3,722	3,275	4.8
Kentucky.....	4,086	5,318	4,205	-2.8
Mississippi.....	589	734	650	-9.4
Tennessee.....	2,122	2,031	1,575	34.8
West South Central Total	12,437	13,173	12,185	2.1
Arkansas.....	1,126	1,375	906	24.3
Louisiana.....	1,620	1,238	1,494	8.4
Oklahoma.....	2,248	2,792	2,979	-24.5
Texas.....	7,443	7,769	6,806	9.4
Mountain Total	10,505	11,867	10,006	5.0
Arizona.....	2,059	2,275	1,406	46.4
Colorado.....	2,792	2,965	2,933	-4.8
Idaho.....	-	-	-	-
Montana.....	415	418	417	-4
Nevada.....	867	839	932	-7.0
New Mexico.....	774	811	830	-6.8
Utah.....	2,612	2,981	1,889	38.2
Wyoming.....	987	1,578	1,598	-38.2
Pacific Total	1,368	1,441	1,107	23.6
Alaska.....	-	*	1	-
California.....	-	-	-	-
Hawaii.....	-	-	-	-
Oregon.....	253	283	186	35.9
Washington.....	1,116	1,157	921	21.2
U.S. Total	104,700	118,254	102,119	2.5

* 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	September 30, 1998	June 30, 1998	September 30, 1997	Percent Difference September 30: 1998 versus 1997
Middle Atlantic Total	572	559	769	-25.5
East North Central Total	940	899	836	12.4
South Atlantic Total	w	w	w	w
East South Central Total	316	289	335	-5.4
Mountain Total	w	w	w	w
U.S. Total	1,943	1,868	2,059	-5.6

^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	September 30, 1998	June 30, 1998	September 30, 1997	Percent Difference September 30: 1998 versus 1997
New England Total	66	51	62	w
Connecticut.....	-	-	-	-
Maine.....	w	w	w	w
Massachusetts.....	w	w	w	w
New Hampshire.....	-	-	-	-
Rhode Island.....	-	-	-	-
Vermont.....	-	-	-	-
Middle Atlantic Total	419	w	w	w
New Jersey.....	w	w	w	w
New York.....	w	146	181	w
Pennsylvania.....	177	132	191	-7.2
East North Central Total	1,461	1,265	1,712	-14.7
Illinois.....	246	235	234	5.2
Indiana.....	301	314	336	-10.4
Michigan.....	504	403	694	-27.4
Ohio.....	159	152	167	-4.5
Wisconsin.....	251	161	282	-11.0
West North Central Total	1,035	847	1,074	-3.6
Iowa.....	558	447	525	6.3
Kansas.....	21	16	18	14.2
Minnesota.....	201	168	192	4.9
Missouri.....	136	133	178	-23.8
Nebraska.....	w	w	w	w
North Dakota.....	w	w	w	w
South Dakota.....	25	19	25	2.3
South Atlantic Total	w	w	w	w
Delaware.....	w	w	w	w
District of Columbia.....	-	-	-	-
Florida.....	97	122	98	-1.3
Georgia.....	122	142	133	-7.9
Maryland.....	15	15	25	-42.5
North Carolina.....	141	138	149	-5.6
South Carolina.....	170	174	191	-10.9
Virginia.....	157	124	155	1.4
West Virginia.....	118	114	135	-12.6
East South Central Total	w	w	w	w
Alabama.....	153	179	170	-10.0
Kentucky.....	68	65	82	-16.7
Mississippi.....	w	w	w	w
Tennessee.....	223	222	245	-9.0
West South Central Total	373	331	241	55.0
Arkansas.....	16	26	14	16.8
Louisiana.....	w	w	w	w
Oklahoma.....	w	w	w	w
Texas.....	237	174	166	42.6
Mountain Total	403	283	325	24.2
Arizona.....	53	52	31	70.5
Colorado.....	23	20	13	75.3
Idaho.....	231	w	w	w
Montana.....	w	w	w	w
Nevada.....	w	w	w	w
New Mexico.....	w	w	w	w
Utah.....	5	5	3	48.6
Wyoming.....	77	68	67	14.9
Pacific Total	239	255	158	51.2
Alaska.....	w	w	w	w
California.....	180	200	88	105.0
Hawaii.....	w	w	w	w
Oregon.....	w	w	w	w
Washington.....	w	13	9	w
U.S. Total	5,268	4,614	5,338	-1.3

^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	September 30, 1998	June 30, 1998	September 30, 1997	Percent Difference September 30: 1998 versus 1997
311 Food Manufacturing	892	679	807	10.5
312 Beverage and Tobacco Product Mfg	22	25	27	-17.8
313 Textile Mills	77	89	99	-22.5
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	903	811	1,014	-10.9
323 Printing and Related Support	-	-	-	-
324 Petroleum and Coal Products ¹	w	49	100	w
325 Chemicals Manufacturing	888	738	809	9.8
326 Plastics and Rubber Products Mfg	5	5	11	-57.3
327 Nonmetallic Mineral Products Mfg	w	w	w	w
331 Primary Metal Manufacturing ²	w	588	725	w
332 Fabricated Metal Product Mfg	35	31	38	-9.6
333 Machinery Manufacturing	58	45	61	-3.8
334 Computer and Electronic Product Mfg	w	w	w	w
335 Elec. Equip., Appl., Components Mfg	w	w	w	w
336 Transportation Equipment Mfg	51	44	75	-31.8
337 Furniture and Related Product Mfg	w	w	w	w
339 Miscellaneous Manufacturing	w	w	w	w
U.S. Total	5,268	4,614	5,338	-1.3

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	September 30, 1998	June 30, 1998	September 30, 1997	Percent Difference September 30: 1998 versus 1997
Middle Atlantic Total	191	166	315	-39.4
East North Central Total	547	551	575	-4.9
South Atlantic Total	w	w	w	w
East South Central Total	157	168	231	-32.0
Mountain Total	w	w	w	w
U.S. Total	997	1,054	1,762	-43
Coke Total	857	865	1,634	-47.5
Breeze Total	140	189	128	8.8

^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

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.....	679	\$33.63	1,043	\$32.96	882	\$34.43	1,199	\$33.08	3,803	\$33.46
1993.....	1,213	30.70	1,093	32.26	2,142	29.52	2,861	28.91	7,309	29.89
1994.....	1,850	28.86	1,577	28.73	2,304	30.92	1,853	31.93	7,584	30.21
1995.....	1,795	32.33	1,609	36.16	1,725	33.61	2,071	34.54	7,201	34.13
1996.....	1,713	33.52	1,552	32.46	2,071	33.19	1,790	34.55	7,126	33.45
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	NA	NA	6,177	32.52

NA Not available.

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	1,021	1,763	253	53	539	72	3,803
1993	100	1,051	4,117	708	–	1,298	34	7,309
1994	92	1,253	3,390	1,130	–	1,531	188	7,584
1995	212	1,320	2,737	1,018	–	1,846	68	7,201
1996	165	1,427	2,527	1,535	–	1,463	10	7,126
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
Total	60	797	2,353	993	–	1,922	52	6,177
Average Price								
1992	\$36.07	\$27.88	\$32.25	\$40.94	\$47.06	\$35.61	\$25.72	\$32.48
1993	31.56	29.02	27.26	42.70	–	28.87	26.22	29.36
1994	30.02	30.61	27.46	33.80	–	32.41	29.33	29.98
1995	30.99	32.59	31.15	35.13	–	35.14	46.29	33.11
1996	33.41	32.86	31.40	32.45	–	30.97	33.43	31.82
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
Total	31.69	34.78	31.32	34.22	–	30.80	42.03	32.04

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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
U.S. Total	2,145,329	2,192,506	2,222,154	6,176,829	5,261,127	17.4
Exporting Country: Australia						
Honolulu, HI.....	28,071	-	-	59,594	84,458	-29.4
Total	28,071	-	-	59,594	84,458	-29.4
Exporting Country: Canada						
Chicago, IL.....	33,083	33,746	113,555	66,829	206,312	-67.6
Detroit, MI.....	131,814	63,314	95,022	229,942	226,375	1.6
Duluth, MN.....	-	-	-	-	416	-
Great Falls, MT.....	-	-	-	-	281	-
Pembina, ND.....	160,048	175,340	84,290	404,902	314,408	28.8
Buffalo, NY.....	-	-	22	-	22	-
Seattle, WA.....	43,201	25,354	14,872	95,686	58,023	64.9
Total	368,146	297,754	307,761	797,359	805,837	-1.1
Exporting Country: Colombia						
Mobile, AL.....	243,463	197,953	53,408	441,416	152,273	189.9
Tampa, FL.....	323,509	298,011	457,792	964,525	1,022,346	-5.7
Boston, MA.....	121,803	180,737	387,200	507,240	915,939	-44.6
Portland, ME.....	33,827	-	28,357	33,827	62,511	-45.9
New York City, NY.....	127,425	50,324	86,804	255,320	159,953	59.6
Portland, OR.....	-	6,992	-	6,992	-	-
San Juan, PR.....	-	53,749	28,473	81,042	96,226	-15.8
Houston-Galveston, TX.....	-	-	-	6,068	-	-
Virgin Islands.....	-	56,444	-	56,444	-	-
Total	850,027	844,210	1,042,034	2,352,874	2,409,248	-2.3
Exporting Country: Indonesia						
Honolulu, HI.....	118,486	179,822	174,427	470,119	469,998	*
New Orleans, LA.....	225,450	223,471	219,944	522,757	506,995	3.1
Total	343,936	403,293	394,371	992,876	976,993	1.6
Exporting Country: Venezuela						
Mobile, AL.....	-	158,898	-	256,164	-	-
Miami, FL.....	-	45,093	-	90,381	-	-
Tampa, FL.....	-	42,452	-	42,452	-	-
Savannah, GA.....	156,398	63,824	92,415	296,283	161,335	83.6
New Orleans, LA.....	-	-	-	79,765	-	-
Boston, MA.....	147,050	47,497	165,868	455,766	261,311	74.4
Portland, ME.....	109,890	116,021	36,374	260,592	158,188	64.7
New York City, NY.....	20,889	54,518	92,310	155,203	194,037	-20.0
Philadelphia, PA.....	-	-	44,502	64,354	71,728	-10.3
San Juan, PR.....	33,345	-	23,168	61,730	44,773	37.9
Houston-Galveston, TX.....	42,495	117,290	-	159,785	-	-
Total	510,067	645,593	454,637	1,922,475	891,372	115.7
Other Exporting Countries						
Los Angeles, CA.....	-	-	-	-	149	-
Miami, FL.....	-	-	-	-	13	-
Honolulu, HI.....	-	-	-	-	1	-
New Orleans, LA.....	42,439	-	-	42,439	41,005	3.5
Detroit, MI.....	-	-	4	-	4	-
Buffalo, NY.....	1,850	-	2,393	3,697	4,872	-24.1
New York City, NY.....	76	-	-	101	-	-
Portland, OR.....	-	-	-	-	13,441	-
San Juan, PR.....	454	437	-	3,117	-	-
Houston-Galveston, TX.....	-	-	20,457	-	32,581	-
Laredo, TX.....	-	694	-	694	353	96.6
Norfolk, VA.....	-	-	19	-	19	-
Milwaukee, WI.....	263	525	478	1,603	781	105.2
Total	45,082	1,656	23,351	51,651	93,219	-44.6

* 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 IM 145."

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

Customs District	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
Total	\$31.76	\$31.04	\$33.02	\$32.04	\$33.08	-3.2
Exporting Country: Australia						
Honolulu, HI	\$32.08	-	-	\$31.69	\$34.21	-7.4
Total	32.08	-	-	31.69	34.21	-7.4
Exporting Country: Canada						
Chicago, IL	\$48.32	\$48.32	\$42.68	\$48.32	\$44.52	8.5
Detroit, MI	45.51	46.76	44.64	45.34	43.72	3.7
Duluth, MN	-	-	-	-	40.19	-
Great Falls, MT	-	-	-	-	23.96	-
Pembina, ND	26.38	26.13	23.61	26.83	25.25	6.2
Seattle, WA	29.35	30.71	29.60	29.99	28.84	4.0
Total	35.91	33.83	37.67	34.78	36.17	-3.8
Exporting Country: Colombia						
Mobile, AL	\$27.79	\$27.36	\$28.96	\$27.60	\$29.09	-5.1
Tampa, FL	30.86	30.90	31.83	31.11	31.95	-2.6
Boston, MA	32.14	30.97	33.24	32.74	32.89	-5
Portland, ME	35.17	-	23.60	35.17	24.56	43.2
New York City, NY	34.70	33.89	36.17	34.18	36.62	-6.7
Portland, OR	-	49.45	-	49.45	-	-
San Juan, PR	-	32.87	32.93	34.44	35.60	-3.3
Houston-Galveston, TX	-	-	-	34.47	-	-
Virgin Islands	-	29.03	-	29.03	-	-
Total	30.91	30.42	32.38	31.32	32.39	-3.3
Exporting Country: Indonesia						
Honolulu, HI	\$45.19	\$45.48	\$42.93	\$45.37	\$43.27	4.8
New Orleans, LA	21.83	22.73	23.41	22.54	23.10	-2.4
Total	32.10	32.87	32.04	34.22	32.80	4.3
Exporting Country: Venezuela						
Mobile, AL	-	\$28.37	-	\$28.40	-	-
Miami, FL	-	36.30	-	36.30	-	-
Tampa, FL	-	37.60	-	37.60	-	-
Savannah, GA	\$22.15	20.38	\$23.07	21.85	\$21.92	-0.4
New Orleans, LA	-	-	-	27.22	-	-
Boston, MA	37.86	32.32	35.89	36.89	35.30	4.5
Portland, ME	29.17	28.07	30.36	29.64	32.77	-9.6
New York City, NY	34.74	33.87	36.14	33.84	36.64	-7.6
Philadelphia, PA	-	-	29.06	31.49	32.69	-3.7
San Juan, PR	30.84	-	31.75	30.43	32.01	-5.0
Houston-Galveston, TX	32.22	28.57	-	29.54	-	-
Total	30.12	29.48	32.01	30.80	32.35	-4.8
Other Exporting Countries						
San Juan, PR	-	-	-	\$42.03	-	-
Houston-Galveston, TX	-	-	\$49.09	-	\$49.09	-
Total	-	-	49.09	42.03	49.09	-14.4

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	July - September 1998	April - June 1998	July - September 1997	Year to Date		
				1998	1997	Percent Change
U.S. Total	1,616,960	1,257,325	1,611,562	4,292,525	3,474,358	23.5
Exporting Country: Canada						
Takoma Dept. of Public Utilities, Steam No.2	-	-	5,220	-	9,590	-
Total	-	-	5,220	-	9,590	-
Exporting Country: Colombia						
Central Hudson Gas & Electric, Danskammer	-	-	66,800	34,800	66,800	-47.9
Central Power and Light (CSW), Coletto Creek	36,399	23,720	-	60,119	-	-
City Public Service, San Antonio JT Deely/Spruce	-	-	-	24,000	-	-
Gulf Power, Crist.....	167,291	43,616	-	210,907	-	-
Jacksonville Electric Authority, St Johns River	323,540	296,820	432,460	979,630	997,070	-1.7
New England Power (NEES), Brayton Point.....	40,200	71,400	275,300	263,000	546,700	-51.9
New England Power (NEES), Salem Harbor.....	39,900	87,500	132,900	204,100	372,400	-45.2
Public Serv Co of New Hampshire, Schiller	-	-	-	34,680	-	-
Total	607,330	523,056	907,460	1,811,236	1,982,970	-8.7
Exporting Country: Indonesia						
Cajun Electric Power Coop, Big Cajun No. 2	74,968	-	-	74,968	-	-
Tampa Electric, Davant Transfer.....	151,045	223,472	219,942	448,352	506,990	-11.6
Total	226,013	223,472	219,942	523,320	506,990	3.2
Exporting Country: Venezuela						
Central Hudson Gas & Electric, Danskammer	182,900	104,900	101,400	410,400	259,150	58.4
City Public Service, San Antonio JT Deely/Spruce	34,000	9,000	-	43,000	-	-
Florida Power Corp, IMT Transfer.....	-	18,547	-	79,764	-	-
Gulf Power, Crist.....	4,822	52,778	-	111,780	-	-
Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh.....	37,000	6,000	-	43,000	-	-
Mississippi Power (Southern Co), Watson.....	64,470	51,070	-	129,140	-	-
New England Power (NEES), Brayton Point.....	56,800	33,500	110,700	209,500	222,400	-5.8
New England Power (NEES), Salem Harbor.....	107,400	53,800	-	262,100	-	-
Public Serv Co of New Hampshire, Schiller	110,447	73,827	101,550	258,180	228,969	12.8
Public Serv Electric & Gas Co, Mercer.....	-	-	-	39,000	-	-
Savannah Electric and Power, Port Wentworth	185,778	71,375	130,290	336,105	229,289	46.6
United Illuminating Co, Bridgeport Harbor	-	36,000	35,000	36,000	35,000	2.9
Total	783,617	510,797	478,940	1,957,969	974,808	100.9

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
Total	75.0	9,596	.09	.53	214.4	41.15
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
Total	410.4	13,119	.62	7.26	168.5	44.21
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
Company and Plant: Central Power and Light (CSW), Coletto Creek						
Colombia						
1992.....	37.2	12,892	0.62	7.90	174.5	44.99

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						
1993.....	122.5	12,109	0.60	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
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
Total.....	210.9	12,356	.64	5.18	150.2	37.12
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
Total.....	111.8	12,601	.81	6.75	147.2	37.10

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, 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
Total	979.6	11,812	.64	6.90	147.5	34.84
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
Company and Plant: Mississippi Power (Southern Co), Daniel						
Indonesia						
1993.....	67.5	9,745	0.08	1.23	168.9	32.92

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), 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
Total.....	129.1	12,585	.75	6.99	138.8	34.94
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
1998						
January - March.....	76.7	12,117	.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

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						
Venezuela						
1992.....	34.8	12,893	0.58	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
Indonesia						
1993.....	16.0	12,620	.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

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						
Venezuela						
1992.....	34.3	12,881	0.58	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
Total.....	258.2	12,895	.67	5.75	147.6	38.06
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
Total.....	336.1	12,507	1.05	7.14	145.6	36.43
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
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

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: Tampa Electric, Davant Transfer						
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
Total	448.4	9,535	.22	1.10	157.8	30.09
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
Total	36.0	13,677	.58	4.00	161.6	44.20
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
1995.....	2,040.1	11,985	.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
Total	1,811.2	12,038	.63	6.35	156.1	37.59

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						
Indonesia						
1992.....	13.1	9,587	0.14	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
Total.....	523.3	9,544	.20	1.02	166.0	31.68
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
Total.....	1,789.8	12,895	.74	6.59	156.2	40.27

¹ Data reported on quality of coal as received.

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
Year to Date						
Kentucky	370.0	13,093	.75	6.49	145.9	38.21
West Virginia	2,043.0	12,513	.69	11.50	138.6	34.69
Total	2,413.0	12,602	.70	10.73	139.8	35.23
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
1996						
Wyoming	5,394.2	8,500	.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

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						
1998						
January - March						
Wyoming	1,545.8	8,457	0.44	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
Year to Date						
Colorado	41.8	11,156	.49	9.67	152.7	34.07
Wyoming	4,765.5	8,449	.44	5.35	145.9	24.65
Indonesia	75.0	9,596	.09	.53	214.4	41.15
Total	4,882.3	8,490	.44	5.31	147.1	24.98
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
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
Year to Date						
Kentucky	693.4	12,423	1.04	10.33	144.4	35.88
West Virginia	289.7	12,580	.88	11.29	160.8	40.47
Total	983.1	12,470	.99	10.61	149.3	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: 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
Year to Date						
Kentucky.....	283.4	12,937	.66	8.42	168.9	43.69
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.....	410.4	13,119	.62	7.26	168.5	44.21
Total	748.5	13,051	.64	7.77	168.7	44.04
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

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						
1996						
Colorado.....	11.0	10,751	0.59	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
Year to Date						
Wyoming.....	4,134.0	8,368	.34	5.96	98.2	16.43
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	4,201.0	8,426	.34	5.95	100.3	16.90
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
1997						
Colorado.....	1,517.0	10,281	.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

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						
1998						
July - September						
Colorado	431.7	10,370	0.40	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
Year to Date						
Colorado	1,056.3	10,429	.38	5.81	136.6	28.49
Wyoming	759.8	8,716	.32	4.82	130.8	22.80
Colombia.....	60.1	12,760	.66	6.60	171.0	43.65
Total	1,876.2	9,810	.36	5.44	135.9	26.67
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
Virginia	8.6	13,159	.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
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.....	365.9	12,666	.73	10.55	158.9	40.26
Total	413.6	12,647	.73	10.21	159.0	40.22

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						
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
April - June						
Kentucky	32.8	12,684	.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
Year to Date						
Kentucky	62.6	12,812	.63	6.51	176.6	45.26
Maryland	117.8	13,155	1.47	8.78	146.3	38.50
Pennsylvania	380.5	13,216	1.36	7.14	142.3	37.62
Virginia	101.6	13,668	.80	6.10	177.5	48.51
West Virginia	283.2	12,626	.68	11.26	167.9	42.40
Total	945.7	13,054	1.06	8.42	156.4	40.83

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						
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
1998						
January - March						
Kentucky	47.0	12,930	.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
Year to Date						
Kentucky	246.0	13,008	.84	8.64	140.3	36.51
Pennsylvania	35.0	13,083	1.51	6.77	126.5	33.09
West Virginia	287.0	13,020	.73	8.44	141.6	36.87
Wyoming	639.0	8,755	.32	5.17	94.8	16.61
Total	1,207.0	10,761	.56	6.70	120.6	25.96
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

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						
1993						
Kentucky	612.5	12,469	0.86	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
July - September						
Kentucky.....	193.8	12,654	.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
Year to Date						
Kentucky.....	685.6	12,624	.67	9.13	167.8	42.36
West Virginia.....	819.7	12,430	.69	10.29	173.6	43.16
Venezuela	79.8	12,968	.73	5.67	166.9	43.30
Total	1,585.1	12,541	.68	9.55	170.7	42.82
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

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						
1995						
Illinois	796.8	12,346	0.95	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	329.7	12,165	1.13	6.56	199.2	48.46
West Virginia	67.9	12,293	.98	9.10	205.6	50.55
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
July - September						
Alabama	17.5	13,035	.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
Year to Date						
Alabama	112.7	12,791	.83	9.45	158.6	40.58
Illinois	1,227.3	12,073	1.15	6.74	162.4	39.22
Kentucky	76.6	12,929	1.24	7.68	168.8	43.65
West Virginia	151.5	12,540	.93	9.97	169.1	42.42
Colombia	210.9	12,356	.64	5.18	150.2	37.12
Venezuela	111.8	12,601	.81	6.75	147.2	37.10
Total	1,890.7	12,251	1.04	7.02	160.7	39.37
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

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, Scholtz						
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
Year to Date						
Kentucky.....	121.5	12,820	1.33	8.58	159.9	41.00
Total	121.5	12,820	1.33	8.58	159.9	41.00
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
Year to Date						
Alabama.....	13.8	11,636	2.94	14.81	174.4	40.58
Illinois.....	180.9	12,470	2.37	8.54	146.3	36.48
Kentucky.....	500.6	11,880	2.69	9.44	144.3	34.28
Total	695.4	12,029	2.61	9.32	145.4	34.98

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						
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
1994						
Kentucky	47.8	12,884	.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
Year to Date						
Kentucky	162.1	13,016	.65	7.32	197.0	51.29
Pennsylvania	117.3	13,209	1.56	7.36	161.3	42.60
West Virginia	1.6	13,456	.68	6.75	171.9	46.28
Total	281.0	13,099	1.03	7.33	181.8	47.63
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

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						
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
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
Year to Date						
Kentucky.....	1,300.3	12,693	1.33	9.95	170.9	43.39
West Virginia.....	9.9	12,169	.86	13.20	149.6	36.41
Colombia.....	979.6	11,812	.64	6.90	147.5	34.84
Total	2,289.9	12,314	1.03	8.66	161.2	39.70
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						
Year to Date						
Kentucky.....	367.0	12,863	1.31	8.75	177.2	45.58
Venezuela.....	43.0	12,941	.62	5.70	175.7	45.48
Total.....	410.0	12,872	1.24	8.43	177.0	45.57
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
Year to Date						
Montana.....	2,450.2	9,410	.38	4.45	146.4	27.56
Total.....	2,450.2	9,410	.38	4.45	146.4	27.56
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
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

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						
1995						
Colorado.....	11.4	11,972	0.50	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
Year to Date						
Alabama.....	28.3	13,083	.74	8.50	148.0	38.73
Illinois.....	1,049.8	11,977	1.58	7.36	141.1	33.80
Kentucky.....	15.4	12,688	1.93	7.62	146.6	37.19
Wyoming.....	366.2	8,709	.42	5.24	132.5	23.08
Venezuela.....	129.1	12,585	.75	6.99	138.8	34.94
Total	1,588.8	11,300	1.23	6.87	139.6	31.55
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
1995						
Kentucky.....	115.8	12,838	.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

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						
1998						
January - March						
West Virginia	73.9	12,643	0.76	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
Year to Date						
Kentucky	14.7	12,450	.68	8.00	180.6	44.97
West Virginia	235.0	12,666	.73	7.88	180.6	45.74
Total	249.7	12,653	.73	7.89	180.6	45.69
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
1997						
Kentucky	453.9	12,724	.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

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						
1998						
April - June						
Venezuela	33.5	13,063	0.66	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
1998						
January - March						
West Virginia	40.9	12,447	.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

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						
Year to Date						
West Virginia	81.1	12,344	0.72	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
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
Year to Date						
Ohio	284.3	12,269	3.43	10.86	92.1	22.61
Pennsylvania	179.7	13,251	2.13	7.41	101.7	26.96
West Virginia.....	72.4	11,697	1.61	14.61	101.4	23.73
Total	536.4	12,521	2.75	10.21	96.7	24.22
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

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						
1992						
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
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
Year to Date						
Illinois	38.2	11,958	.80	5.15	125.5	30.01
Indiana	1.8	11,343	2.20	8.20	97.7	22.16
Pennsylvania	481.2	13,082	2.08	7.60	105.8	27.67
West Virginia	358.1	13,241	2.25	6.93	105.9	28.05
Total	879.3	13,094	2.09	7.22	106.6	27.91
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

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						
1993						
Venezuela.....	24.9	12,920	0.58	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
Year to Date						
Pennsylvania.....	606.6	13,177	1.48	7.09	166.0	43.74
West Virginia.....	161.2	13,282	2.36	7.02	160.4	42.61
Total	767.8	13,199	1.67	7.08	164.8	43.50
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

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, Schiller						
1996						
Kentucky	14.5	12,830	0.90	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
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	258.2	12,895	.67	5.75	147.6	38.06
Total	307.6	12,934	.70	5.78	151.1	39.07
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

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						
1998						
July - September						
Virginia.....	171.3	14,062	0.70	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
Year to Date						
Virginia.....	581.4	14,022	.73	4.86	155.5	43.60
West Virginia.....	59.3	11,686	.70	15.23	128.1	29.95
Venezuela.....	39.0	12,998	.68	5.50	155.3	40.37
Total.....	679.7	13,759	.72	5.80	153.4	42.22
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
1996						
Kentucky.....	172.8	13,008	.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
Year to Date						
Kentucky.....	48.9	12,935	.78	6.68	156.3	40.45
West Virginia.....	400.3	12,407	.86	12.02	141.8	35.20
Total.....	449.2	12,465	.85	11.44	143.5	35.77
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

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						
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
Year to Date						
Venezuela	336.1	12,507	1.05	7.14	145.6	36.43
Total	336.1	12,507	1.05	7.14	145.6	36.43
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

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: Takoma Dept. of Public Utilities, Steam No.2						
1998						
April - June						
Washington	0.1	10,800	0.73	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 Bend²						
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 Transfer						
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
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

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 Transfer						
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
Year to Date						
Illinois	2,639.3	12,002	2.37	8.42	156.7	37.61
Indiana	30.4	10,864	3.03	10.20	125.2	27.20
Kentucky	1,276.2	11,529	2.71	7.87	129.8	29.93
West Virginia	158.3	13,214	2.25	7.56	137.5	36.33
Wyoming	819.5	8,730	.40	5.17	135.6	23.68
Indonesia	448.4	9,535	.22	1.10	157.8	30.09
Total	5,372.0	11,214	1.97	7.17	146.8	32.93
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

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: United Illuminating Co, Bridgeport Harbor						
1998						
July - September						
Kentucky.....	18.0	13,182	0.48	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
Year to Date						
Kentucky.....	370.0	13,104	.50	6.99	183.1	47.98
West Virginia.....	73.0	13,273	.61	7.39	181.6	48.20
Venezuela.....	36.0	13,677	.58	4.00	161.6	44.20
Total	479.0	13,173	.52	6.83	181.2	47.73
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

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						
1994						
Wyoming.....	10,628.8	8,440	0.35	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
Montana.....	1,273.3	9,400	.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.....	1,296.6	11,976	2.06	7.89	169.4	40.59

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						
1998						
January - March						
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	2,444.2	12,627	.97	10.15	152.2	38.44
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
April - June						
Alabama	72.6	13,066	.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
Year to Date						
Alabama	126.5	12,665	1.06	10.04	160.2	40.58
Colorado	1,098.1	10,457	.38	5.96	137.2	28.70
Illinois	4,085.8	12,043	1.99	7.89	157.6	37.97
Indiana	32.2	10,891	2.98	10.09	123.6	26.92
Kentucky	6,951.0	12,477	1.40	8.65	157.9	39.40
Maryland	117.8	13,155	1.47	8.78	146.3	38.50
Montana	2,450.2	9,410	.38	4.45	146.4	27.56
Ohio	284.3	12,269	3.43	10.86	92.1	22.61
Pennsylvania	1,824.5	13,153	1.68	7.29	137.7	36.22
Virginia	110.2	13,628	.80	6.27	176.0	47.97
Washington .....	.9	10,800	.73	66.06	165.5	35.74
West Virginia	7,233.4	12,599	.87	10.48	152.5	38.43
Wyoming	11,117.8	8,476	.39	5.52	123.5	20.93
Colombia	1,811.2	12,038	.63	6.35	156.1	37.59
Indonesia	523.3	9,544	.20	1.02	166.0	31.68
Venezuela	1,789.8	12,895	.74	6.59	156.2	40.27
Total	39,557.0	11,078	.93	7.35	146.5	32.45

¹ Data reported on quality of coal as received.

² Average cost data on coal delivered to Tampa Electric, Big Bend plant from the New Orleans transfer facility do not include the transportation cost of approximately \$5 per short ton from New Orleans to Tampa.