

# Quarterly Coal Report October-December 1999

**Energy Information Administration**  
Office of Coal, Nuclear, Electric  
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# Preface

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

This report presents detailed quarterly data for October through December 1999 and aggregated quarterly historical data for 1993 through the fourth quarter of 1999. Appendix A displays, from 1993 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 1998* DOE/EIA-0384(99); *Monthly Energy Review* DOE/EIA-0035; *Coal Data : A Reference* DOE/EIA-0064(93) DOE/EIA-0035; and *Coal Industry Annual* DOE/EIA-0584(98) .

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

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

All data for 1998 are final. All data for 1999 are final, with the exception of electric utility stocks and consumption. Coal production data for 1999 are based on the quarterly survey, Form 7000-2, "Quarterly Mine Employment and Coal Production Report," U.S. Department of Labor, Mine Safety and Health Administration. U.S. coal production data for 1997 and previous years are based on the annual survey Form EIA-7A, "Coal Production Report."

The coke imports and exports data for 1993-1998 have been revised. In an effort to more accurately reflect U.S. coke imports and exports, an additional category of the "Harmonized Tariff Schedule" - "coke and semicoke of coal not commercially suitable for fuel" is now included in the coke imports and exports totals.

Coke and breeze, independent power producers, and electric utility stocks 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 and State-level data, respectively.

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, 1993-1999**  
(Thousand Short Tons)

Year and Quarter	Production	Imports	Producer and Distributor Stocks <sup>1</sup>	Consumption <sup>2</sup>	Exports	Consumer Stocks <sup>1</sup>	Losses and Unaccounted For <sup>3</sup>
1993							
January - March .....	243,417	1,448	38,453	233,638	18,870	152,619	
April - June .....	233,750	1,317	34,827	219,342	19,946	154,842	
July - September .....	227,131	2,464	27,183	254,443	18,522	121,909	
October - December .....	241,127	2,951	25,284	236,658	17,181	120,458	
<b>Total .....</b>	<b>945,424</b>	<b>8,181</b>		<b>944,081</b>	<b>74,519</b>		<b>-13,052</b>
1994							
January - March .....	255,153	2,225	34,139	242,838	14,877	112,278	
April - June .....	256,964	1,747	35,758	228,446	17,940	126,694	
July - September .....	260,853	2,568	32,955	251,179	19,704	121,225	
October - December .....	260,535	2,329	33,219	228,999	18,838	136,139	
<b>Total .....</b>	<b>1,033,504</b>	<b>8,870</b>		<b>951,461</b>	<b>71,359</b>		<b>-4,062</b>
1995							
January - March .....	267,121	2,101	42,460	232,912	18,988	144,004	
April - June .....	249,352	2,138	42,104	222,771	23,184	151,657	
July - September .....	257,857	2,487	36,193	264,749	22,175	131,739	
October - December .....	258,644	2,748	34,444	241,607	24,201	134,639	
<b>Total .....</b>	<b>1,032,974</b>	<b>9,473</b>		<b>962,039</b>	<b>88,547</b>		<b>-7,864</b>
1996							
January - March .....	259,756	1,968	36,851	248,889	20,516	124,752	
April - June .....	263,397	1,688	37,344	234,794	23,039	134,280	
July - September .....	272,118	2,423	33,780	265,247	23,504	127,588	
October - December .....	268,585	2,036	28,648	256,643	23,414	122,979	
<b>Total .....</b>	<b>1,063,856</b>	<b>8,115</b>		<b>1,005,573</b>	<b>90,473</b>		<b>-6,619</b>
1997							
January - March .....	274,080	1,331	37,544	251,960	20,011	120,671	
April - June .....	270,136	1,708	42,529	238,849	20,603	127,588	
July - September .....	271,650	2,222	39,111	274,909	22,354	109,516	
October - December .....	274,065	2,226	33,973	263,511	20,576	106,401	
<b>Total .....</b>	<b>1,089,932</b>	<b>7,487</b>		<b>1,029,228</b>	<b>83,545</b>		<b>-4,101</b>
1998							
January - March .....	281,432	1,839	E 40,994	252,253	18,621	114,547	
April - June .....	275,272	2,193	E 38,331	249,205	20,749	124,345	
July - September .....	278,434	2,145	E 39,803	283,844	19,898	111,839	
October - December .....	282,398	2,547	36,530	253,669	18,780	128,072	
<b>Total .....</b>	<b>1,117,535</b>	<b>8,724</b>		<b>1,038,972</b>	<b>78,048</b>		<b>-17,493</b>
1999							
January - March .....	283,510	2,248	E 42,361	250,206	12,961	141,544	
April - June .....	264,015	2,098	E 41,533	248,260	14,449	148,013	
July - September .....	273,865	2,387	E 35,064	283,582	16,075	136,391	
October - December .....	272,603	2,357	E 34,360	256,463	14,991	136,011	
<b>Total .....</b>	<b>1,093,993</b>	<b>9,089</b>		<b>1,038,512</b>	<b>58,476</b>		<b>325</b>

<sup>1</sup> Reported as of the last day of the quarter.

<sup>2</sup> Includes coal consumed by independent power producers and cogeneration plants not included in the other industrial, coke and commercial sectors.

<sup>3</sup> 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.

<sup>E</sup> Estimated.

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

Sources: • Production: Energy Information Administration (EIA), Form EIA-6, Schedule Q, "Quarterly Coal Report;" and Form EIA-7A, "Coal Production Report"; Mine Safety and Health Administration, U.S. Department of Labor, Form 7000-2, "Quarterly Mine Employment and Coal Production Report;" and State mining agency coal production reports; • Imports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145" • Producer and Distributor Stocks: EIA, Form EIA-6, "Coal Distribution Report;" and Form EIA-6, Schedule Q, "Quarterly Coal Report;" • Exports: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 545" • Consumption and Consumer Stocks: EIA, Form EIA-759, "Monthly Power Plant Report;" Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-5, "Coke Plant Report - Quarterly;" Form EIA-867, "Annual Nonutility Power Producer Report;" Form EIA-860B, "Annual Electric Generator Report - Nonutility;" Form EIA-7A, "Coal Production Report;" and Form EIA-6, "Coal Distribution Report."

**Table 2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1993-1999**  
(Thousand Short Tons)

Year and Quarter	Production	Imports <sup>1</sup>	Producer and Distributor Stocks <sup>2</sup>	Consumption <sup>3</sup>	Exports <sup>1</sup>
<b>1993 January - March</b> .....	5,711	381	1,678	6,180	117
April - June .....	5,885	591	1,683	6,201	270
July - September .....	5,894	434	1,481	6,171	359
October - December.....	5,692	749	1,461	6,146	316
<b>Total</b> .....	<b>23,182</b>	<b>2,155</b>		<b>24,697</b>	<b>1,062</b>
<b>1994 January - March</b> .....	5,507	669	1,090	6,365	183
April - June .....	5,753	871	897	6,598	218
July - September .....	5,680	892	997	6,202	270
October - December.....	5,746	905	936	6,398	314
<b>Total</b> .....	<b>22,686</b>	<b>3,338</b>		<b>25,563</b>	<b>986</b>
<b>1995 January - March</b> .....	5,848	932	897	6,582	288
April - June .....	5,955	857	1,143	6,220	347
July - September .....	5,979	1,013	1,170	6,629	336
October - December.....	5,966	1,018	1,302	6,465	387
<b>Total</b> .....	<b>23,749</b>	<b>3,820</b>		<b>25,895</b>	<b>1,358</b>
<b>1996 January - March</b> .....	5,746	808	1,144	6,473	238
April - June .....	5,786	737	1,173	5,967	527
July - September .....	5,869	397	1,158	5,900	381
October - December.....	5,675	600	1,323	5,634	477
<b>Total</b> .....	<b>23,075</b>	<b>2,542</b>		<b>23,974</b>	<b>1,622</b>
<b>1997 January - March</b> .....	5,551	576	1,348	5,919	184
April - June .....	5,488	786	1,522	5,720	379
July - September .....	5,598	921	1,634	6,029	379
October - December.....	5,478	855	1,294	6,349	324
<b>Total</b> .....	<b>22,116</b>	<b>3,139</b>		<b>24,017</b>	<b>1,266</b>
<b>1998 January - March</b> .....	4,812	766	952	5,643	197
April - June .....	5,144	1,045	886	5,904	351
July - September .....	5,094	1,213	842	6,058	293
October - December.....	4,991	810	933	5,423	289
<b>Total</b> .....	<b>20,041</b>	<b>3,834</b>		<b>23,029</b>	<b>1,129</b>
<b>1999 January - March</b> .....	4,790	781	1,020	5,288	195
April - June .....	4,974	790	990	5,569	225
July - September .....	5,018	692	926	5,517	257
October - December.....	5,234	961	852	6,061	221
<b>Total</b> .....	<b>20,016</b>	<b>3,224</b>		<b>22,435</b>	<b>898</b>

<sup>1</sup> The coke imports and exports data have been revised for 1993-1998. In an effort to more accurately reflect U.S. coke imports and exports, an additional category has been included in the totals (see Preface).

<sup>2</sup> Reported as of the last day of the quarter.

<sup>3</sup> 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, 1993-1999**

(Thousand Short Tons)

Year	January - March	April - June	July - September	October - December	Year to Date
1993.....	243,417	233,750	227,131	241,127	945,424
1994.....	255,153	256,964	260,853	260,535	1,033,504
1995.....	267,121	249,352	257,857	258,644	1,032,974
1996.....	259,756	263,397	272,118	268,585	1,063,856
1997.....	274,080	270,136	271,650	274,065	1,089,932
1998.....	281,432	275,272	278,434	282,398	1,117,535
1999.....	283,510	264,015	273,865	272,603	1,093,993

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

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

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

Coal-Producing Region and State	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
Alabama.....	4,560	4,056	5,705	19,499	23,013	-15.3
Alaska.....	417	412	316	1,565	1,344	16.5
Arizona.....	3,320	2,528	3,056	11,787	11,315	4.2
Arkansas.....	3	5	5	22	24	-9.2
Colorado.....	8,316	7,225	7,624	29,989	29,631	1.2
Illinois.....	8,872	10,327	9,930	40,379	39,732	1.6
Indiana.....	8,181	8,809	9,091	34,004	36,803	-7.6
Kansas.....	91	95	86	409	341	20.0
Kentucky Total.....	33,818	34,430	35,791	139,400	150,295	-7.2
Eastern.....	26,646	27,256	27,994	109,818	116,654	-5.9
Western.....	7,172	7,174	7,797	29,583	33,641	-12.1
Louisiana.....	835	941	881	2,953	3,216	-8.2
Maryland.....	880	1,012	881	3,837	4,060	-5.5
Mississippi.....	18	-	-	18	-	-
Missouri.....	46	103	97	392	372	5.5
Montana.....	11,294	10,486	10,942	41,102	42,840	-4.1
New Mexico.....	7,401	7,191	7,979	29,756	28,597	4.1
North Dakota.....	8,053	7,112	7,941	30,274	29,912	1.2
Ohio.....	5,095	5,493	6,726	22,485	28,048	-19.8
Oklahoma.....	472	389	384	1,661	1,661	*
Pennsylvania Total.....	19,005	19,074	20,157	76,341	81,036	-5.8
Anthracite.....	1,234	1,258	1,396	4,814	5,231	-8.0
Bituminous.....	17,771	17,816	18,762	71,527	75,805	-5.6
Tennessee.....	707	781	729	3,037	2,696	12.6
Texas.....	13,194	14,524	13,116	53,072	52,583	.9
Utah.....	5,973	6,205	7,135	24,675	26,075	-5.4
Virginia.....	8,263	7,902	8,560	31,934	33,747	-5.4
Washington.....	860	1,240	1,191	4,100	4,638	-11.6
West Virginia Total.....	36,971	37,385	42,828	156,354	171,145	-8.6
Northern.....	9,715	8,893	11,258	38,482	44,618	-13.8
Southern.....	27,257	28,492	31,570	117,871	126,527	-6.8
Wyoming.....	85,957	86,140	81,241	334,948	314,409	6.5
<b>Appalachian Total.....</b>	<b>102,127</b>	<b>102,959</b>	<b>113,581</b>	<b>423,303</b>	<b>460,400</b>	<b>-8.1</b>
<b>Interior Total.....</b>	<b>38,885</b>	<b>42,367</b>	<b>41,389</b>	<b>162,492</b>	<b>168,374</b>	<b>-3.5</b>
<b>Western Total.....</b>	<b>131,591</b>	<b>128,539</b>	<b>127,427</b>	<b>508,197</b>	<b>488,762</b>	<b>4.0</b>
<b>East of the Miss. River.....</b>	<b>126,371</b>	<b>129,268</b>	<b>140,400</b>	<b>527,287</b>	<b>570,576</b>	<b>-7.6</b>
<b>West of the Miss. River.....</b>	<b>146,232</b>	<b>144,596</b>	<b>141,998</b>	<b>566,706</b>	<b>546,960</b>	<b>3.6</b>
<b>U.S. Total.....</b>	<b>272,603</b>	<b>273,865</b>	<b>282,398</b>	<b>1,093,993</b>	<b>1,117,535</b>	<b>-2.1</b>

\* Rounded to zero.

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

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

**Table 5. Coke and Breeze Production at Coke Plants**

(Thousand Short Tons)

Census Division	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	1,496	1,437	1,515	5,869	6,371	-7.9
<b>East North Central Total</b> .....	2,668	2,576	2,437	10,115	9,224	9.7
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	720	718	705	2,821	2,922	-3.4
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>5,564</b>	<b>5,326</b>	<b>5,306</b>	<b>21,253</b>	<b>21,283</b>	<b>-1</b>
<b>Coke Total</b> .....	5,234	5,018	4,991	20,016	20,041	-1
<b>Breeze Total</b> .....	330	308	314	1,237	1,242	-4

<sup>w</sup> 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, 1993-1999**

(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
1993.....	18,870	1,448	19,946	1,317	18,522	2,464	17,181	2,951	74,519	8,181
1994.....	14,877	2,225	17,940	1,747	19,704	2,568	18,838	2,329	71,359	8,870
1995.....	18,988	2,101	23,184	2,138	22,175	2,487	24,201	2,748	88,547	9,473
1996.....	20,516	1,968	23,039	1,688	23,504	2,423	23,414	2,036	90,473	8,115
1997.....	20,011	1,331	20,603	1,708	22,354	2,222	20,576	2,226	83,545	7,487
1998.....	18,621	1,839	20,749	2,193	19,898	2,145	18,780	2,547	78,048	8,724
1999.....	12,961	2,248	14,449	2,098	16,075	2,387	14,991	2,357	58,476	9,089

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, 1993-1999**

(Dollars per Short Ton)

Year	January - March		April - June		July - September		October - December		Total	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
1993.....	\$42.46	\$33.12	\$41.42	\$32.87	\$40.72	\$30.41	\$41.00	\$29.25	\$41.41	\$30.87
1994.....	41.89	30.54	40.01	29.05	38.86	31.22	39.43	31.55	39.93	30.71
1995.....	39.90	33.60	39.59	35.32	40.99	33.31	40.55	34.09	40.27	34.05
1996.....	41.77	34.26	40.78	33.07	40.53	33.56	40.08	34.15	40.76	33.78
1997.....	41.72	33.85	40.80	35.26	39.42	33.69	40.40	34.49	40.55	34.32
1998.....	41.66	33.98	38.49	31.43	37.83	32.38	37.73	31.38	38.89	32.18
1999.....	40.55	30.86	36.70	30.06	33.97	30.01	35.54	32.10	36.50	30.77

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

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

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

Continent and Country of Destination	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>6,010,908</b>	<b>6,872,096</b>	<b>6,563,044</b>	<b>21,243,984</b>	<b>22,315,844</b>	<b>-4.8</b>
Canada <sup>1</sup> .....	5,616,828	6,521,406	6,058,214	19,825,994	20,653,728	-4.0
Dominican Republic.....	30	3,267	16,450	3,400	81,611	-95.8
Jamaica.....	-	-	15,382	-	30,161	-
Mexico.....	393,254	345,586	472,855	1,410,557	1,542,656	-8.6
Other <sup>2</sup> .....	796	1,837	143	4,033	7,688	-47.5
<b>South America Total</b> .....	<b>1,250,593</b>	<b>986,428</b>	<b>1,389,178</b>	<b>4,520,734</b>	<b>7,034,268</b>	<b>-35.7</b>
Argentina.....	344	2,275	52,157	3,335	324,072	-99.0
Brazil.....	1,243,071	980,602	1,299,166	4,442,482	6,474,851	-31.4
Chile.....	-	184	86	43,263	50,838	-14.9
Other <sup>2</sup> .....	7,178	3,367	37,769	31,654	184,507	-82.8
<b>Europe Total</b> .....	<b>5,121,778</b>	<b>5,006,127</b>	<b>7,486,431</b>	<b>22,508,173</b>	<b>33,773,032</b>	<b>-33.4</b>
Belgium & Luxembourg.....	381,840	364,053	700,544	2,072,504	3,194,863	-35.1
Bulgaria.....	-	208,151	-	522,259	989,368	-47.2
Denmark.....	-	-	-	-	274,433	-
Finland.....	77,455	76,770	185,441	233,088	462,975	-49.7
France.....	767,474	561,600	921,537	2,521,671	3,191,646	-21.0
Germany, FR.....	25,938	147,397	102,515	573,213	1,246,925	-54.0
Iceland.....	13,750	14,239	-	51,147	38,950	31.3
Ireland.....	237,834	120,036	144,930	867,544	1,149,639	-24.5
Italy.....	1,072,613	937,959	1,036,450	4,013,511	5,317,359	-24.5
Netherlands.....	628,633	859,596	1,191,459	3,431,790	4,516,208	-24.0
Norway.....	26,506	10,700	28,226	86,295	93,162	-7.4
Portugal.....	188,141	332,666	195,402	745,097	745,930	-.1
Romania.....	-	-	115,805	321,595	1,097,185	-70.7
Spain.....	614,563	509,640	542,025	2,471,901	3,156,043	-21.7
Sweden.....	353,249	81,808	370,520	638,257	756,676	-15.6
Turkey.....	238,485	112,047	297,829	794,902	1,592,132	-50.1
United Kingdom.....	495,275	669,445	1,653,728	3,162,328	5,947,023	-46.8
Other <sup>2</sup> .....	22	20	20	1,071	2,515	-57.4
<b>Asia Total</b> .....	<b>2,359,215</b>	<b>2,922,474</b>	<b>2,890,222</b>	<b>9,157,227</b>	<b>12,311,113</b>	<b>-25.6</b>
China (Taiwan).....	312,498	514,554	454,195	1,215,222	1,519,178	-20.0
Israel.....	113,571	196,103	193,690	602,849	527,203	14.3
Japan.....	1,407,537	1,488,700	1,734,271	4,953,469	7,734,378	-36.0
Korea, Republic of.....	520,462	723,058	494,649	2,364,668	2,452,696	-3.6
Other <sup>2</sup> .....	5,147	59	13,417	21,019	77,658	-72.9
<b>Oceania &amp; Australia Total</b> .....	<b>40</b>	<b>-</b>	<b>621</b>	<b>80</b>	<b>4,775</b>	<b>-98.3</b>
<b>Africa Total</b> .....	<b>248,197</b>	<b>287,954</b>	<b>450,373</b>	<b>1,045,644</b>	<b>2,608,614</b>	<b>-59.9</b>
Algeria.....	114,367	59,460	59,355	317,087	343,166	-7.6
Egypt.....	-	111,127	105,544	259,652	890,977	-70.9
Morocco.....	-	-	-	-	68,102	-
South Africa, Rep of.....	133,830	117,291	285,474	468,829	1,298,632	-63.9
Other <sup>2</sup> .....	-	76	-	76	7,737	-99.0
<b>Total</b> .....	<b>14,990,731</b>	<b>16,075,079</b>	<b>18,779,869</b>	<b>58,475,842</b>	<b>78,047,646</b>	<b>-25.1</b>

<sup>1</sup> 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.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1998.

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

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

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

Continent and Country of Destination	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$28.66</b>	<b>\$28.22</b>	<b>\$29.24</b>	<b>\$28.74</b>	<b>\$28.48</b>	<b>0.9</b>
Canada <sup>1</sup> .....	27.64	27.44	27.97	27.69	27.65	.2
Dominican Republic.....	-	34.47	34.93	34.47	36.38	-5.2
Jamaica.....	-	-	38.78	-	39.23	-
Mexico.....	42.93	42.91	44.83	43.13	38.61	11.7
Other <sup>2</sup> .....	31.99	37.53	-	37.68	40.99	-8.1
<b>South America Total</b> .....	<b>37.64</b>	<b>37.36</b>	<b>42.30</b>	<b>39.31</b>	<b>42.82</b>	<b>-8.2</b>
Argentina.....	-	40.83	44.15	40.80	44.67	-8.7
Brazil.....	37.64	37.35	42.19	39.41	42.85	-8.0
Chile.....	-	34.33	-	28.18	28.67	-1.7
Other <sup>2</sup> .....	40.78	40.84	43.70	42.14	42.07	.2
<b>Europe Total</b> .....	<b>40.23</b>	<b>39.30</b>	<b>42.53</b>	<b>41.10</b>	<b>43.28</b>	<b>-5.0</b>
Belgium & Luxembourg.....	43.57	40.17	46.65	43.86	46.38	-5.4
Bulgaria.....	-	44.45	-	41.63	44.57	-6.6
Denmark.....	-	-	-	-	34.02	-
Finland.....	37.83	36.59	40.61	37.00	40.50	-8.6
France.....	41.56	41.35	45.93	42.71	46.07	-7.3
Germany, FR.....	48.21	27.91	40.11	31.64	35.49	-10.9
Iceland.....	54.41	54.25	-	54.30	55.88	-2.8
Ireland.....	29.27	29.26	34.50	29.92	36.38	-17.7
Italy.....	46.12	44.93	45.87	46.28	46.53	-.5
Netherlands.....	38.60	37.58	43.88	39.93	45.26	-11.8
Norway.....	57.88	50.87	56.89	54.50	55.80	-2.3
Portugal.....	28.88	29.12	37.37	32.96	38.03	-13.3
Romania.....	-	-	40.82	39.26	42.31	-7.2
Spain.....	36.96	37.31	41.05	39.05	42.89	-8.9
Sweden.....	45.32	44.74	47.05	45.26	47.16	-4.0
Turkey.....	31.39	35.97	43.36	38.50	44.92	-14.3
United Kingdom.....	37.99	39.93	36.86	40.74	39.01	4.4
Other <sup>2</sup> .....	-	-	-	40.00	34.93	14.5
<b>Asia Total</b> .....	<b>34.73</b>	<b>35.06</b>	<b>38.16</b>	<b>36.33</b>	<b>39.37</b>	<b>-7.7</b>
China (Taiwan).....	33.42	35.06	36.96	34.44	36.29	-5.1
Israel.....	32.34	32.34	32.34	31.81	33.50	-5.1
Japan.....	33.68	34.45	36.79	35.79	38.59	-7.3
Korea, Republic of.....	38.81	37.05	45.90	39.48	44.79	-11.9
Other <sup>2</sup> .....	40.78	-	55.84	50.10	45.76	9.5
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>29.87</b>	<b>-</b>	<b>48.03</b>	<b>-</b>
<b>Africa Total</b> .....	<b>45.80</b>	<b>50.54</b>	<b>45.10</b>	<b>48.53</b>	<b>45.52</b>	<b>6.6</b>
Algeria.....	43.36	41.77	45.28	42.78	43.77	-2.3
Egypt.....	-	57.51	38.71	56.23	43.59	29.0
Morocco.....	-	-	-	-	31.57	-
South Africa, Rep of.....	47.89	48.38	47.42	48.15	48.13	.1
Other <sup>2</sup> .....	-	-	-	-	38.85	-
<b>Total</b> <sup>3</sup> .....	<b>34.68</b>	<b>33.83</b>	<b>37.34</b>	<b>35.91</b>	<b>38.55</b>	<b>-6.8</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>35.54</b>	<b>33.97</b>	<b>37.73</b>	<b>36.50</b>	<b>38.89</b>	<b>-6.1</b>

<sup>1</sup> 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.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1998.

<sup>3</sup> 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.

<sup>4</sup> U.S. Total is the average price of all coal exports.

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

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



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

Continent and Country of Destination	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>4,571,913</b>	<b>5,413,322</b>	<b>5,018,223</b>	<b>16,966,555</b>	<b>17,368,443</b>	<b>-2.3</b>
Canada <sup>1</sup> .....	4,177,833	5,062,652	4,515,081	15,549,229	15,726,776	-1.1
Dominican Republic.....	30	3,267	16,450	3,400	81,611	-95.8
Jamaica.....	-	-	15,382	-	30,161	-
Mexico.....	393,254	345,586	471,167	1,409,934	1,522,207	-7.4
Other <sup>2</sup> .....	796	1,817	143	3,992	7,688	-48.1
<b>South America Total</b> .....	<b>10,119</b>	<b>17,493</b>	<b>8,749</b>	<b>96,488</b>	<b>212,745</b>	<b>-54.6</b>
Argentina.....	344	2,275	761	3,335	21,373	-84.4
Brazil.....	2,597	11,667	35	24,180	16,502	46.5
Chile.....	-	184	86	43,263	50,838	-14.9
Other <sup>2</sup> .....	7,178	3,367	7,867	25,710	124,032	-79.3
<b>Europe Total</b> .....	<b>830,320</b>	<b>1,262,395</b>	<b>1,704,557</b>	<b>4,195,432</b>	<b>7,771,467</b>	<b>-46.0</b>
Belgium & Luxembourg.....	-	18,123	15,117	52,872	269,630	-80.4
Denmark.....	-	-	-	-	274,433	-
France.....	-	6	6	30,321	88,714	-65.8
Germany, FR.....	195	123,147	40,297	436,926	866,707	-49.6
Ireland.....	237,834	120,036	144,930	867,544	1,149,639	-24.5
Italy.....	1,691	707	82,025	15,238	763,714	-98.0
Netherlands.....	147,078	307,567	187,074	862,344	400,872	115.1
Norway.....	-	-	85	-	7,170	-
Portugal.....	123,034	253,497	128,127	376,531	467,838	-19.5
Spain.....	221,140	220,075	176,512	796,077	757,909	5.0
Turkey.....	261	522	-	1,372	3,114	-55.9
United Kingdom.....	99,065	218,695	930,364	755,136	2,719,212	-72.2
Other <sup>2</sup> .....	22	20	20	1,071	2,515	-57.4
<b>Asia Total</b> .....	<b>1,499,547</b>	<b>1,922,637</b>	<b>1,488,442</b>	<b>5,088,852</b>	<b>5,523,103</b>	<b>-7.9</b>
China (Taiwan).....	312,498	388,455	318,552	1,089,123	1,174,348	-7.3
Israel.....	113,571	196,103	193,690	602,849	453,918	32.8
Japan.....	913,565	1,100,280	974,904	2,736,327	3,405,732	-19.7
Korea, Republic of.....	154,766	237,740	-	651,658	423,568	53.8
Other <sup>2</sup> .....	5,147	59	1,296	8,895	65,537	-86.4
<b>Oceania &amp; Australia Total</b> .....	<b>40</b>	<b>-</b>	<b>621</b>	<b>80</b>	<b>1,944</b>	<b>-95.9</b>
<b>Africa Total</b> .....	<b>-</b>	<b>76</b>	<b>-</b>	<b>76</b>	<b>76,563</b>	<b>-99.9</b>
Egypt.....	-	-	-	-	724	-
Morocco.....	-	-	-	-	68,102	-
Other <sup>2</sup> .....	-	76	-	76	7,737	-99.0
<b>Total</b> .....	<b>6,911,939</b>	<b>8,615,923</b>	<b>8,220,592</b>	<b>26,347,483</b>	<b>30,954,265</b>	<b>-14.9</b>

<sup>1</sup> 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.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1998.

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

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

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

Continent and Country of Destination	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$27.50</b>	<b>\$27.04</b>	<b>\$28.15</b>	<b>\$27.72</b>	<b>\$26.76</b>	<b>3.6</b>
Canada <sup>1</sup> .....	26.01	25.95	26.30	26.28	25.51	3.0
Dominican Republic.....	-	34.47	34.93	34.47	36.38	-5.2
Jamaica.....	-	-	38.78	-	39.23	-
Mexico.....	42.93	42.91	44.83	43.13	38.48	12.1
Other <sup>2</sup> .....	31.99	37.53	-	37.68	40.99	-8.1
<b>South America Total</b> .....	<b>38.00</b>	<b>43.15</b>	<b>40.82</b>	<b>33.67</b>	<b>37.82</b>	<b>-11.0</b>
Argentina.....	-	40.83	40.76	40.80	40.80	*
Brazil.....	34.47	43.86	-	39.00	40.81	-4.4
Chile.....	-	34.33	-	28.18	28.67	-1.7
Other <sup>2</sup> .....	40.78	40.84	40.82	41.07	40.83	.6
<b>Europe Total</b> .....	<b>25.26</b>	<b>26.10</b>	<b>29.11</b>	<b>27.09</b>	<b>31.22</b>	<b>-13.2</b>
Belgium & Luxembourg.....	-	24.99	46.56	38.47	35.91	7.1
Denmark.....	-	-	-	-	34.02	-
France.....	-	-	-	38.23	36.14	5.8
Germany, FR.....	40.73	25.60	32.30	28.22	30.70	-8.1
Ireland.....	29.27	29.26	34.50	29.92	36.38	-17.7
Italy.....	40.74	40.76	28.86	46.39	37.66	23.2
Netherlands.....	26.57	26.25	28.55	27.16	27.91	-2.7
Norway.....	-	-	34.33	-	56.66	-
Portugal.....	24.48	24.48	32.70	24.48	33.60	-27.2
Spain.....	21.10	21.39	24.36	21.40	22.43	-4.6
Turkey.....	40.83	40.84	-	40.80	40.78	*
United Kingdom.....	23.59	29.49	28.38	28.16	28.64	-1.7
Other <sup>2</sup> .....	-	-	-	40.00	34.93	14.5
<b>Asia Total</b> .....	<b>31.25</b>	<b>31.77</b>	<b>33.50</b>	<b>31.59</b>	<b>34.18</b>	<b>-7.6</b>
China (Taiwan).....	33.42	34.36	34.52	34.12	34.46	-1.0
Israel.....	32.34	32.34	32.34	31.81	33.15	-4.1
Japan.....	31.72	32.19	33.40	32.10	33.88	-5.3
Korea, Republic of.....	22.91	25.06	-	24.95	35.43	-29.6
Other <sup>2</sup> .....	40.78	-	37.35	39.54	43.53	-9.2
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>29.87</b>	<b>-</b>	<b>37.25</b>	<b>-</b>
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>32.38</b>	<b>-</b>
Egypt.....	-	-	-	-	39.88	-
Morocco.....	-	-	-	-	31.57	-
Other <sup>2</sup> .....	-	-	-	-	38.85	-
<b>Total</b> <sup>3</sup> .....	<b>28.07</b>	<b>28.05</b>	<b>29.36</b>	<b>28.41</b>	<b>29.34</b>	<b>-3.1</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>30.10</b>	<b>28.49</b>	<b>30.38</b>	<b>29.91</b>	<b>30.24</b>	<b>-1.1</b>

<sup>1</sup> 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.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1998.

<sup>3</sup> 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.

<sup>4</sup> U.S. Total is the average price of all coal exports.

\* Rounded to zero

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

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

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

Continent and Country of Destination	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>1,438,995</b>	<b>1,458,774</b>	<b>1,544,821</b>	<b>4,277,429</b>	<b>4,947,401</b>	<b>-13.5</b>
Canada <sup>1</sup> .....	1,438,995	1,458,754	1,543,133	4,276,765	4,926,952	-13.2
Mexico.....	-	-	1,688	623	20,449	-97.0
Other <sup>2</sup> .....	-	20	-	41	-	-
<b>South America Total</b> .....	<b>1,240,474</b>	<b>968,935</b>	<b>1,380,429</b>	<b>4,424,246</b>	<b>6,821,523</b>	<b>-35.1</b>
Argentina.....	-	-	51,396	-	302,699	-
Brazil.....	1,240,474	968,935	1,299,131	4,418,302	6,458,349	-31.6
Other <sup>2</sup> .....	-	-	29,902	5,944	60,475	-90.2
<b>Europe Total</b> .....	<b>4,291,458</b>	<b>3,743,732</b>	<b>5,781,874</b>	<b>18,312,741</b>	<b>26,001,565</b>	<b>-29.6</b>
Belgium & Luxembourg.....	381,840	345,930	685,427	2,019,632	2,925,233	-31.0
Bulgaria.....	-	208,151	-	522,259	989,368	-47.2
Finland.....	77,455	76,770	185,441	233,088	462,975	-49.7
France.....	767,474	561,594	921,531	2,491,350	3,102,932	-19.7
Germany, FR.....	25,743	24,250	62,218	136,287	380,218	-64.2
Iceland.....	13,750	14,239	-	51,147	38,950	31.3
Italy.....	1,070,922	937,252	954,425	3,998,273	4,553,645	-12.2
Netherlands.....	481,555	552,029	1,004,385	2,569,446	4,115,336	-37.6
Norway.....	26,506	10,700	28,141	86,295	85,992	.4
Portugal.....	65,107	79,169	67,275	368,566	278,092	32.5
Romania.....	-	-	115,805	321,595	1,097,185	-70.7
Spain.....	393,423	289,565	365,513	1,675,824	2,398,134	-30.1
Sweden.....	353,249	81,808	370,520	638,257	756,676	-15.6
Turkey.....	238,224	111,525	297,829	793,530	1,589,018	-50.1
United Kingdom.....	396,210	450,750	723,364	2,407,192	3,227,811	-25.4
<b>Asia Total</b> .....	<b>859,668</b>	<b>999,837</b>	<b>1,401,780</b>	<b>4,068,375</b>	<b>6,788,010</b>	<b>-40.1</b>
China (Taiwan).....	-	126,099	135,643	126,099	344,830	-63.4
Israel.....	-	-	-	-	73,285	-
Japan.....	493,972	388,420	759,367	2,217,142	4,328,646	-48.8
Korea, Republic of.....	365,696	485,318	494,649	1,713,010	2,029,128	-15.6
Other <sup>2</sup> .....	-	-	12,121	12,124	12,121	*
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,831</b>	<b>-</b>
<b>Africa Total</b> .....	<b>248,197</b>	<b>287,878</b>	<b>450,373</b>	<b>1,045,568</b>	<b>2,532,051</b>	<b>-58.7</b>
Algeria.....	114,367	59,460	59,355	317,087	343,166	-7.6
Egypt.....	-	111,127	105,544	259,652	890,253	-70.8
South Africa, Rep of.....	133,830	117,291	285,474	468,829	1,298,632	-63.9
<b>Total</b> .....	<b>8,078,792</b>	<b>7,459,156</b>	<b>10,559,277</b>	<b>32,128,359</b>	<b>47,093,381</b>	<b>-31.8</b>

<sup>1</sup> 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.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1998.

\* Rounded to zero

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

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

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

Continent and Country of Destination	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$32.16</b>	<b>\$32.52</b>	<b>\$32.66</b>	<b>\$32.63</b>	<b>\$34.44</b>	<b>-5.3</b>
Canada <sup>1</sup> .....	32.16	32.52	32.65	32.63	34.38	-5.1
Mexico.....	-	-	49.78	49.80	50.28	-9
<b>South America Total</b> .....	<b>37.64</b>	<b>37.27</b>	<b>42.31</b>	<b>39.42</b>	<b>42.96</b>	<b>-8.3</b>
Argentina.....	-	-	44.18	-	44.93	-
Brazil.....	37.64	37.27	42.19	39.41	42.86	-8.0
Other <sup>2</sup> .....	-	-	44.45	44.51	44.46	.1
<b>Europe Total</b> .....	<b>43.13</b>	<b>42.94</b>	<b>46.50</b>	<b>44.14</b>	<b>46.84</b>	<b>-5.8</b>
Belgium & Luxembourg.....	43.57	40.96	46.65	44.00	47.34	-7.1
Bulgaria.....	-	44.45	-	41.63	44.57	-6.6
Finland.....	37.83	36.59	40.61	37.00	40.50	-8.6
France.....	41.56	41.35	45.93	42.76	46.35	-7.7
Germany, FR.....	48.26	39.65	45.17	42.59	46.41	-8.2
Iceland.....	54.41	54.25	-	54.30	55.88	-2.8
Italy.....	46.13	44.93	47.33	46.28	48.02	-3.6
Netherlands.....	42.27	40.74	46.74	43.46	46.88	-7.3
Norway.....	57.88	50.87	57.12	54.50	55.70	-2.2
Portugal.....	37.20	43.97	46.27	41.64	45.49	-8.5
Romania.....	-	-	40.82	39.26	42.31	-7.2
Spain.....	45.87	45.10	49.11	46.61	48.62	-4.1
Sweden.....	45.32	44.74	47.05	45.26	47.16	-4.0
Turkey.....	31.38	35.95	43.36	38.50	44.93	-14.3
United Kingdom.....	41.59	45.00	47.75	44.68	47.74	-6.4
<b>Asia Total</b> .....	<b>40.80</b>	<b>41.38</b>	<b>43.11</b>	<b>42.25</b>	<b>43.59</b>	<b>-3.1</b>
China (Taiwan).....	-	37.19	42.69	37.19	42.54	-12.6
Israel.....	-	-	-	-	35.69	-
Japan.....	37.29	40.82	41.14	40.33	42.29	-4.6
Korea, Republic of.....	45.54	42.92	45.90	45.00	46.75	-3.7
Other <sup>2</sup> .....	-	-	57.72	56.93	57.72	-1.4
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>55.11</b>	<b>-</b>
<b>Africa Total</b> .....	<b>45.80</b>	<b>50.54</b>	<b>45.10</b>	<b>48.53</b>	<b>45.92</b>	<b>5.7</b>
Algeria.....	43.36	41.77	45.28	42.78	43.77	-2.3
Egypt.....	-	57.51	38.71	56.23	43.60	29.0
South Africa, Rep of.....	47.89	48.38	47.42	48.15	48.13	.1
<b>Total</b> <sup>3</sup> .....	<b>40.16</b>	<b>40.25</b>	<b>43.41</b>	<b>41.86</b>	<b>44.48</b>	<b>-5.9</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>40.20</b>	<b>40.29</b>	<b>43.46</b>	<b>41.91</b>	<b>44.58</b>	<b>-6.0</b>

<sup>1</sup> 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.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1998.

<sup>3</sup> 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.

<sup>4</sup> U.S. Total is the average price of all coal exports.

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

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

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

Customs District	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>Eastern Total</b> .....	<b>7,761,528</b>	<b>7,890,154</b>	<b>10,783,513</b>	<b>32,444,022</b>	<b>48,667,747</b>	<b>-33.3</b>
Baltimore, MD.....	1,278,351	1,274,882	1,188,054	4,833,691	6,576,290	-26.5
Portland, ME.....	203	158,959	268,488	395,713	399,938	-1.1
Buffalo, NY.....	648,368	1,062,387	1,484,657	3,117,869	5,144,374	-39.4
New York City, NY.....	68	952	291	1,446	9,251	-84.4
Ogdensburg, NY.....	59,606	41,063	7,286	117,434	84,634	38.8
Philadelphia, PA.....	6,864	6,428	32,050	167,391	201,683	-17.0
Norfolk, VA.....	5,767,988	5,345,483	7,802,687	23,810,178	36,251,577	-34.3
St. Albans, VT.....	80	-	-	300	-	-
<b>Southern Total</b> .....	<b>1,527,035</b>	<b>1,686,151</b>	<b>2,921,564</b>	<b>7,090,678</b>	<b>11,260,674</b>	<b>-37.0</b>
Mobile, AL.....	745,855	412,695	1,039,782	2,682,831	4,536,848	-40.9
Savannah, GA.....	-	-	45	1,078	1,547	-30.3
Miami, FL.....	427	244	521	1,029	2,051	-49.8
Tampa, FL.....	-	-	99	-	189	-
New Orleans, LA.....	390,283	913,023	1,383,705	2,922,959	4,847,744	-39.7
Wilmington, NC.....	183	80	61	383	61	( <sup>1</sup> )
San Juan, PR.....	-	-	-	28,401	39,742	-28.5
Charleston, SC.....	344	2,019	-	3,495	97	( <sup>1</sup> )
Houston-Galveston, TX.....	3,586	30,385	31,172	73,680	299,031	-75.4
Laredo, TX.....	386,357	327,705	466,179	1,376,822	1,533,364	-10.2
<b>Western Total</b> .....	<b>1,257,389</b>	<b>1,421,155</b>	<b>978,129</b>	<b>3,697,753</b>	<b>3,793,412</b>	<b>-2.5</b>
Anchorage, AK.....	154,766	237,699	-	618,274	343,385	80.1
Nogales, AZ.....	6	39	22	45	22	104.5
Los Angeles, CA.....	1,101,143	1,155,840	976,748	3,048,682	3,440,312	-11.4
San Diego, CA.....	50	11,492	-	11,794	2,616	350.8
San Francisco, CA.....	202	-	110	202	2,941	-93.1
Great Falls, MT.....	975	995	975	2,858	2,962	-3.5
Portland, OR.....	-	14,546	-	14,546	-	-
Seattle, WA.....	247	544	274	1,352	1,174	15.2
<b>Northern Total</b> .....	<b>4,438,280</b>	<b>5,071,632</b>	<b>4,087,480</b>	<b>15,220,207</b>	<b>14,290,864</b>	<b>6.5</b>
Chicago, IL.....	5,221	-	-	5,221	-	-
Detroit, MI.....	524,007	716,477	586,416	1,973,631	2,484,569	-20.6
Duluth, MN.....	1,111,721	1,140,089	604,448	3,319,132	1,093,087	203.6
Pembina, ND.....	10,566	9,982	34,956	59,251	62,585	-5.3
Cleveland, OH.....	2,786,765	3,205,084	2,861,660	9,862,972	10,650,578	-7.4
Milwaukee, WI.....	-	-	-	-	45	-
<b>Other Ports</b> .....	<b>6,499</b>	<b>5,987</b>	<b>9,183</b>	<b>23,182</b>	<b>34,949</b>	<b>-33.7</b>
<b>Total</b> .....	<b>14,990,731</b>	<b>16,075,079</b>	<b>18,779,869</b>	<b>58,475,842</b>	<b>78,047,646</b>	<b>-25.1</b>

<sup>1</sup> Changes of 500 percent or more are not shown.

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

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

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

Continent and Country of Destination	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>191,725</b>	<b>236,234</b>	<b>260,931</b>	<b>845,858</b>	<b>1,072,854</b>	<b>-21.2</b>
Canada <sup>1</sup> .....	155,896	202,999	228,862	686,389	829,709	-17.3
Mexico.....	34,986	31,098	31,495	152,693	238,558	-36.0
Other <sup>2</sup> .....	843	2,137	574	6,776	4,587	47.7
<b>South America Total</b> .....	<b>-</b>	<b>-</b>	<b>-</b>	<b>847</b>	<b>5,980</b>	<b>-85.8</b>
<b>Europe Total</b> .....	<b>28,838</b>	<b>20,675</b>	<b>27,603</b>	<b>49,513</b>	<b>49,321</b>	<b>.4</b>
Turkey.....	-	-	-	-	12,433	-
Other <sup>2</sup> .....	28,838	20,675	27,603	49,513	36,888	34.2
<b>Asia Total</b> .....	<b>122</b>	<b>115</b>	<b>106</b>	<b>588</b>	<b>843</b>	<b>-30.2</b>
<b>Oceania &amp; Australia Total</b> .....	<b>65</b>	<b>-</b>	<b>-</b>	<b>802</b>	<b>-</b>	<b>-</b>
<b>Total</b> <sup>3</sup> .....	<b>220,750</b>	<b>257,024</b>	<b>288,640</b>	<b>897,608</b>	<b>1,128,998</b>	<b>-20.5</b>

<sup>1</sup> 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.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1998.

<sup>3</sup> The coke exports data have been revised for 1993-1998. In an effort to more accurately reflect U.S. coke exports, an additional category has been included in the totals (see Preface).

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

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

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

Continent and Country of Origin	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>328,108</b>	<b>315,662</b>	<b>370,308</b>	<b>1,052,307</b>	<b>1,168,361</b>	<b>-9.9</b>
Canada.....	317,117	284,055	369,038	978,826	1,166,397	-16.1
Mexico.....	10,991	31,607	1,270	73,481	1,964	(b)
<b>South America Total</b> .....	<b>1,841,927</b>	<b>1,744,025</b>	<b>1,685,021</b>	<b>6,643,913</b>	<b>5,960,370</b>	<b>11.5</b>
Argentina.....	-	-	-	232	-	-
Brazil.....	-	33	-	33	-	-
Colombia.....	1,180,940	1,286,247	1,125,311	4,553,408	3,478,185	30.9
Venezuela.....	660,987	457,745	559,710	2,090,240	2,482,185	-15.8
<b>Europe Total</b> .....	<b>4,459</b>	<b>4,305</b>	<b>36,733</b>	<b>72,636</b>	<b>43,572</b>	<b>66.7</b>
Belgium & Luxembourg.....	4,436	4,273	286	10,654	3,983	167.5
Italy.....	-	-	11	1	36	-97.2
Spain.....	-	-	36,432	-	36,432	-
United Kingdom.....	23	32	4	61,036	3,121	(b)
<b>Asia Total</b> .....	<b>182,119</b>	<b>283,767</b>	<b>421,726</b>	<b>1,159,011</b>	<b>1,416,281</b>	<b>-18.2</b>
China (Mainland).....	5,440	198	897	20,239	2,566	(b)
Hong Kong.....	-	-	-	-	10	-
India.....	577	-	-	577	-	-
Indonesia.....	176,101	283,569	420,828	1,138,076	1,413,704	-19.5
Japan.....	-	-	1	-	1	-
Korea, Republic of.....	1	-	-	1	-	-
Syria.....	-	-	-	118	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>39,379</b>	<b>33,066</b>	<b>161,466</b>	<b>135,099</b>	<b>19.5</b>
Australia.....	-	39,379	33,066	161,466	92,660	74.3
New Zealand.....	-	-	-	-	42,439	-
<b>Total</b> .....	<b>2,356,613</b>	<b>2,387,138</b>	<b>2,546,854</b>	<b>9,089,333</b>	<b>8,723,683</b>	<b>4.2</b>

<sup>1</sup> Changes of 500 percent or more are not shown.

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

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

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

Continent and Country of Origin	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$34.96</b>	<b>\$34.44</b>	<b>\$36.63</b>	<b>\$34.23</b>	<b>\$35.38</b>	<b>-3.2</b>
Canada.....	35.43	36.06	36.69	35.03	35.40	-1.0
Mexico.....	22.68	21.22	20.87	21.93	20.87	5.1
<b>South America Total</b> .....	<b>29.61</b>	<b>28.70</b>	<b>31.36</b>	<b>29.98</b>	<b>31.16</b>	<b>-3.8</b>
Colombia.....	28.83	27.19	30.98	29.17	31.21	-6.5
Venezuela.....	31.01	32.94	32.27	31.99	31.09	2.9
<b>Europe Total</b> .....	<b>-</b>	<b>-</b>	<b>36.48</b>	<b>29.48</b>	<b>36.80</b>	<b>-19.9</b>
Spain.....	-	-	36.48	-	36.48	-
United Kingdom.....	-	-	-	29.48	42.03	-29.8
<b>Asia Total</b> .....	<b>45.71</b>	<b>45.87</b>	<b>33.79</b>	<b>43.14</b>	<b>34.13</b>	<b>26.4</b>
China (Mainland).....	-	-	-	42.65	-	-
Indonesia.....	45.71	45.87	33.79	43.15	34.13	26.4
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>32.59</b>	<b>32.25</b>	<b>27.26</b>	<b>31.89</b>	<b>-14.5</b>
Australia.....	-	32.59	32.25	27.26	31.89	-14.5
<b>Total</b> <sup>1</sup> .....	<b>31.53</b>	<b>30.48</b>	<b>32.57</b>	<b>31.50</b>	<b>32.19</b>	<b>-2.1</b>
<b>U.S. Total</b> <sup>2</sup> .....	<b>32.10</b>	<b>30.01</b>	<b>31.38</b>	<b>30.77</b>	<b>32.18</b>	<b>-4.4</b>

<sup>1</sup> 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.

<sup>2</sup> U.S. Total is the average price of all coal imports.

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

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



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

Customs District	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>Eastern Total</b> .....	<b>653,882</b>	<b>656,427</b>	<b>682,483</b>	<b>2,497,300</b>	<b>2,418,583</b>	<b>3.3</b>
Boston, MA.....	457,895	312,558	476,073	1,467,213	1,439,079	2.0
Baltimore, MD.....	-	28,862	-	28,862	-	-
Portland, ME.....	118,395	155,742	73,190	516,893	367,609	40.6
Buffalo, NY.....	4,472	4,509	295	10,959	3,992	174.5
New York City, NY.....	73,012	154,756	101,589	472,320	512,213	-7.8
Ogdensburg, NY.....	-	-	19	-	19	-
Philadelphia, PA.....	108	-	31,317	1,053	95,671	-98.9
<b>Southern Total</b> .....	<b>1,209,458</b>	<b>1,285,120</b>	<b>1,342,360</b>	<b>4,920,974</b>	<b>4,447,422</b>	<b>10.6</b>
Mobile, AL.....	470,826	650,914	187,208	1,864,915	884,788	110.8
Savannah, GA.....	152,466	101,310	78,394	507,272	374,677	35.4
Miami, FL.....	-	-	-	-	90,381	-
Tampa, FL.....	392,483	250,476	664,240	1,380,683	1,671,217	-17.4
New Orleans, LA.....	89,664	161,439	301,795	714,595	946,756	-24.5
San Juan, PR.....	93,028	64,624	49,273	266,527	195,162	36.6
Houston-Galveston, TX.....	-	-	-	-	165,853	-
Laredo, TX.....	10,991	31,607	1,270	73,481	1,964	(1)
Virgin Islands.....	-	24,750	60,180	113,501	116,624	-2.7
<b>Western Total</b> .....	<b>223,316</b>	<b>258,580</b>	<b>180,052</b>	<b>997,940</b>	<b>812,443</b>	<b>22.8</b>
Los Angeles, CA.....	-	22	4	22	4	450.0
San Diego, CA.....	-	-	1	-	1	-
Honolulu, HI.....	176,101	161,509	152,099	689,954	681,812	1.2
Great Falls, MT.....	-	51,886	-	151,335	-	-
Portland, OR.....	-	-	-	-	6,992	-
Seattle, WA.....	47,215	45,163	27,948	156,629	123,634	26.7
<b>Northern Total</b> .....	<b>269,957</b>	<b>187,011</b>	<b>341,959</b>	<b>673,119</b>	<b>1,045,235</b>	<b>-35.6</b>
Chicago, IL.....	44	-	-	44	66,829	-99.9
Detroit, MI.....	161,929	129,265	185,185	389,010	415,127	-6.3
Duluth, MN.....	5,114	5,719	-	17,591	-	-
Pembina, ND.....	102,870	51,829	155,877	264,164	560,779	-52.9
Milwaukee, WI.....	-	198	897	2,310	2,500	-7.6
<b>Total</b> .....	<b>2,356,613</b>	<b>2,387,138</b>	<b>2,546,854</b>	<b>9,089,333</b>	<b>8,723,683</b>	<b>4.2</b>

<sup>1</sup> 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	October - December 1999	July - September 1999	October - December 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>56,808</b>	<b>69,219</b>	<b>20,334</b>	<b>159,111</b>	<b>63,949</b>	<b>148.8</b>
Canada.....	56,808	39,215	20,334	129,107	63,949	101.9
Netherlands Antilles.....	-	30,004	-	30,004	-	-
<b>Asia Total</b> .....	<b>904,073</b>	<b>623,033</b>	<b>789,982</b>	<b>3,064,789</b>	<b>3,770,503</b>	<b>-18.7</b>
China (Mainland).....	344,378	199,734	193,127	1,053,261	1,708,475	-38.4
Japan.....	559,695	423,299	596,855	2,011,528	2,062,028	-2.4
<b>Total</b> <sup>1</sup> .....	<b>960,881</b>	<b>692,252</b>	<b>810,316</b>	<b>3,223,900</b>	<b>3,834,452</b>	<b>-15.9</b>

<sup>1</sup> The coke imports data have been revised for 1993-1998. In an effort to more accurately reflect U.S. coke imports, an additional category has been included in the totals (see Preface).

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, 1993-1999**  
(Thousand Short Tons)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial	Residential and Commercial	Other Power Producers <sup>1</sup>	Total
<b>1993 January - March</b> .....	188,401	7,951	18,095	1,817	E 4,472	220,736
April - June .....	190,085	8,067	18,062	1,354	E 4,522	222,090
July - September .....	191,054	7,426	18,075	1,094	E 4,572	222,220
October - December .....	199,612	7,661	20,127	1,956	E 4,572	233,927
<b>Total</b> .....	<b>769,152</b>	<b>31,104</b>	<b>74,359</b>	<b>6,221</b>	<b>18,137</b>	<b>898,973</b>
<b>1994 January - March</b> .....	199,981	7,318	17,990	2,016	E 5,242	232,547
April - June .....	208,576	8,438	18,408	1,187	E 5,300	241,910
July - September .....	212,849	7,881	18,777	1,135	E 5,359	246,001
October - December .....	210,523	8,081	19,717	1,674	E 5,359	245,354
<b>Total</b> .....	<b>831,929</b>	<b>31,719</b>	<b>74,893</b>	<b>6,013</b>	<b>21,260</b>	<b>965,813</b>
<b>1995 January - March</b> .....	205,054	8,261	17,871	1,638	E 5,217	238,042
April - June .....	199,275	8,192	17,144	1,032	E 5,275	230,918
July - September .....	211,914	8,135	18,369	1,063	E 5,333	244,814
October - December .....	210,617	8,449	18,510	2,074	E 5,333	244,982
<b>Total</b> .....	<b>826,860</b>	<b>33,036</b>	<b>71,895</b>	<b>5,807</b>	<b>21,158</b>	<b>958,756</b>
<b>1996 January - March</b> .....	204,394	7,894	17,444	1,802	E 5,529	237,063
April - June .....	212,197	7,974	16,995	1,201	E 5,529	243,897
July - September .....	226,454	8,187	17,598	1,201	E 5,590	259,030
October - December .....	219,656	7,616	18,804	1,802	E 5,590	253,468
<b>Total</b> .....	<b>862,701</b>	<b>31,672</b>	<b>70,842</b>	<b>6,006</b>	<b>22,239</b>	<b>993,459</b>
<b>1997 January - March</b> .....	213,527	7,330	17,352	1,939	E 5,327	245,475
April - June .....	215,223	7,080	17,280	1,293	E 5,386	246,261
July - September .....	225,508	7,694	17,410	1,293	E 5,445	257,349
October - December .....	226,329	7,447	18,692	1,939	E 5,445	259,852
<b>Total</b> .....	<b>880,588</b>	<b>29,550</b>	<b>70,733</b>	<b>6,463</b>	<b>21,603</b>	<b>1,008,937</b>
<b>1998 January - March</b> .....	225,243	6,742	16,912	1,457	E 5,736	256,090
April - June .....	227,432	7,308	16,822	971	E 5,905	258,438
July - September .....	240,587	7,305	16,930	971	E 7,140	272,932
October - December .....	236,186	6,999	17,589	1,457	E 8,161	270,391
<b>Total</b> .....	<b>929,448</b>	<b>28,354</b>	<b>68,252</b>	<b>4,856</b>	<b>26,941</b>	<b>1,057,851</b>
<b>1999 January - March</b> .....	227,012	6,712	16,382	1,457	E 8,357	259,920
April - June .....	219,680	7,205	16,036	971	E 10,289	254,181
July - September .....	234,571	6,943	16,463	971	E 12,345	271,293
October - December .....	225,495	7,294	16,683	1,457	E 14,959	265,888
<b>Total</b> .....	<b>906,758</b>	<b>28,155</b>	<b>65,563</b>	<b>4,856</b>	<b>45,950</b>	<b>1,051,282</b>

<sup>1</sup> Coal consumed by independent power producers and cogeneration plants not included in the other industrial, coke, and commercial sectors.

E Estimated.

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

Sources: Energy Information Administration • 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," and Other Power Producers: and for 1997 and prior years, Form EIA-867, "Annual and Nonutility Power Producer Report," and for 1998 forward, Form EIA-860B, "Annual Electric Generator Report - Nonutility."

**Table 21. Average Price of U.S. Coal Receipts by End-Use Sector, 1993-1999**  
(Dollars per Short Ton)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial <sup>1</sup>
<b>1993 January - March</b> .....	\$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
<b>Average Annual Price</b> .....	<b>28.58</b>	<b>47.44</b>	<b>32.23</b>
<b>1994 January - March</b> .....	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
<b>Average Annual Price</b> .....	<b>28.03</b>	<b>46.56</b>	<b>32.55</b>
<b>1995 January - March</b> .....	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
<b>Average Annual Price</b> .....	<b>27.01</b>	<b>47.34</b>	<b>32.42</b>
<b>1996 January - March</b> .....	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
<b>Average Annual Price</b> .....	<b>26.45</b>	<b>47.33</b>	<b>32.32</b>
<b>1997 January - March</b> .....	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
<b>Average Annual Price</b> .....	<b>26.16</b>	<b>47.61</b>	<b>32.41</b>
<b>1998 January - March</b> .....	25.90	45.79	32.83
April - June.....	25.92	45.84	31.93
July - September.....	25.66	46.43	32.18
October - December.....	25.09	46.17	32.28
<b>Average Annual Price</b> .....	<b>25.64</b>	<b>46.06</b>	<b>32.30</b>
<b>1999 January - March</b> .....	25.15	46.56	32.06
April - June.....	25.14	46.37	31.62
July - September.....	24.46	44.92	31.44
October - December.....	24.26	45.57	31.28
<b>Average Annual Price</b> .....	<b>24.75</b>	<b>45.85</b>	<b>31.59</b>

<sup>1</sup> Manufacturing plants only.

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

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

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

Census Division and State	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>632</b>	<b>534</b>	<b>771</b>	<b>2,182</b>	<b>5,890</b>	<b>-62.9</b>
Connecticut.....	2	1	180	41	663	-93.8
Maine.....	59	15	53	91	168	-45.5
Massachusetts.....	151	181	176	626	3,535	-82.3
New Hampshire.....	419	310	334	1,340	1,413	-5.2
Rhode Island.....	1	*	1	2	2	.0
Vermont.....	1	27	27	82	109	-24.6
<b>Middle Atlantic Total</b> .....	<b>12,888</b>	<b>12,978</b>	<b>17,771</b>	<b>54,358</b>	<b>70,116</b>	<b>-22.5</b>
New Jersey.....	775	688	734	2,610	2,327	12.2
New York.....	1,228	1,095	3,360	6,872	12,331	-44.3
Pennsylvania.....	10,885	11,194	13,677	44,876	55,458	-19.1
<b>East North Central Total</b> .....	<b>56,974</b>	<b>61,124</b>	<b>61,002</b>	<b>231,241</b>	<b>238,028</b>	<b>-2.9</b>
Illinois.....	9,043	11,764	12,092	42,485	46,327	-8.3
Indiana.....	17,069	16,797	16,841	68,014	68,289	-.4
Michigan.....	10,707	10,696	10,712	38,044	38,853	-2.1
Ohio.....	13,119	14,839	14,849	57,039	59,326	-3.9
Wisconsin.....	7,037	7,028	6,509	25,658	25,233	1.7
<b>West North Central Total</b> .....	<b>36,629</b>	<b>38,347</b>	<b>38,901</b>	<b>147,697</b>	<b>148,393</b>	<b>-.5</b>
Iowa.....	5,791	7,012	6,628	24,739	24,938	-.8
Kansas.....	4,645	4,809	4,457	19,665	18,558	6.0
Minnesota.....	4,492	5,056	5,234	18,236	19,647	-7.2
Missouri.....	9,354	9,719	10,308	38,799	39,961	-2.9
Nebraska.....	3,290	3,116	3,223	12,260	12,215	.4
North Dakota.....	8,336	8,010	8,545	31,443	30,919	1.7
South Dakota.....	722	626	507	2,556	2,153	18.7
<b>South Atlantic Total</b> .....	<b>43,789</b>	<b>43,056</b>	<b>44,430</b>	<b>173,684</b>	<b>175,285</b>	<b>-.9</b>
Delaware.....	429	455	435	1,359	1,921	-29.2
District of Columbia.....	2	1	2	6	6	.0
Florida.....	6,842	6,299	7,630	26,500	29,231	-9.3
Georgia.....	8,399	9,373	8,084	35,261	33,731	4.5
Maryland.....	3,442	2,829	2,895	11,972	11,671	2.6
North Carolina.....	6,868	6,524	7,749	27,528	29,933	-8.0
South Carolina.....	3,677	3,735	3,779	14,717	14,941	-1.5
Virginia.....	4,062	4,476	4,072	16,358	16,220	.9
West Virginia.....	10,068	9,365	9,783	39,982	37,629	6.3
<b>East South Central Total</b> .....	<b>27,928</b>	<b>28,378</b>	<b>27,424</b>	<b>110,732</b>	<b>113,048</b>	<b>-2.0</b>
Alabama.....	8,969	9,138	8,929	34,805	35,910	-3.1
Kentucky.....	9,695	9,584	9,546	38,316	40,390	-5.1
Mississippi.....	1,909	1,416	1,244	6,603	6,099	8.3
Tennessee.....	7,355	8,239	7,706	31,008	30,649	1.2
<b>West South Central Total</b> .....	<b>38,619</b>	<b>41,155</b>	<b>37,593</b>	<b>156,008</b>	<b>150,074</b>	<b>4.0</b>
Arkansas.....	3,651	4,258	3,892	15,736	14,457	8.8
Louisiana.....	3,301	3,508	3,589	13,886	14,096	-1.5
Oklahoma.....	5,490	5,435	4,935	21,743	20,461	6.3
Texas.....	26,177	27,954	25,177	104,644	101,060	3.5
<b>Mountain Total</b> .....	<b>30,806</b>	<b>30,117</b>	<b>31,194</b>	<b>117,979</b>	<b>118,247</b>	<b>-.2</b>
Arizona.....	5,374	5,165	4,935	20,378	19,565	4.2
Colorado.....	4,934	4,580	4,676	18,769	18,442	1.8
Idaho.....	135	103	118	438	480	-8.7
Montana.....	2,734	2,762	2,793	10,525	10,617	-.9
Nevada.....	2,347	2,169	2,473	8,289	8,246	.5
New Mexico.....	3,757	4,388	4,250	16,140	15,924	1.4
Utah.....	4,203	3,800	4,249	15,964	16,832	-5.2
Wyoming.....	7,322	7,151	7,699	27,476	28,142	-2.4
<b>Pacific Total</b> .....	<b>2,663</b>	<b>3,260</b>	<b>3,143</b>	<b>11,450</b>	<b>11,829</b>	<b>-3.2</b>
Alaska.....	159	106	159	531	531	.0
California.....	669	736	751	2,875	2,869	.2
Hawaii.....	-	45	38	115	148	-22.3
Oregon.....	531	654	629	2,326	2,045	13.7
Washington.....	1,304	1,718	1,565	5,603	6,236	-10.2
<b>Other Power Producers</b> .....	<b>14,959</b>	<b>12,345</b>	<b>8,161</b>	<b>45,950</b>	<b>26,941</b>	<b>70.6</b>
<b>U.S. Total</b> .....	<b>265,888</b>	<b>271,293</b>	<b>270,391</b>	<b>1,051,282</b>	<b>1,057,852</b>	<b>-.6</b>

\* Rounded to zero.

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

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

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

Census Division and State	October-December 1999		October-December 1998		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1999		1998		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
<b>New England</b> .....	<b>553</b>	<b>155</b>	<b>668</b>	<b>170</b>	<b>1,938</b>	<b>158</b>	<b>5,538</b>	<b>168</b>	<b>-65.0</b>	<b>-5.4</b>
Connecticut.....	-	-	178	181	35	169	657	181	-94.7	-6.5
Massachusetts.....	135	170	157	172	567	174	3,473	168	-83.7	4.0
New Hampshire.....	418	150	333	162	1,335	151	1,408	161	-5.2	-6.0
<b>Mid Atlantic</b> .....	<b>9,345</b>	<b>130</b>	<b>14,146</b>	<b>136</b>	<b>40,573</b>	<b>133</b>	<b>55,557</b>	<b>138</b>	<b>-27.0</b>	<b>-3.4</b>
New Jersey.....	771	142	730	156	2,597	145	2,312	159	12.3	-8.6
New York.....	487	150	2,567	143	4,047	145	9,296	143	-56.5	1.0
Pennsylvania.....	8,087	127	10,849	133	33,930	130	43,948	135	-22.8	-3.4
<b>East North Central</b> .....	<b>49,146</b>	<b>124</b>	<b>53,374</b>	<b>127</b>	<b>201,801</b>	<b>126</b>	<b>208,745</b>	<b>130</b>	<b>-3.3</b>	<b>-3.1</b>
Illinois.....	7,297	133	10,511	141	36,241	144	39,867	156	-9.1	-7.7
Indiana.....	14,192	111	14,250	112	56,925	111	57,091	112	-3	-1.1
Michigan.....	9,319	131	9,263	133	33,281	131	34,906	133	-4.7	-2.1
Ohio.....	11,840	139	13,357	135	51,503	136	53,442	136	-3.6	-1
Wisconsin.....	6,498	98	5,994	105	23,850	102	23,438	107	1.8	-4.7
<b>West North Central</b> .....	<b>33,014</b>	<b>85</b>	<b>35,120</b>	<b>87</b>	<b>133,716</b>	<b>87</b>	<b>134,443</b>	<b>89</b>	<b>-5</b>	<b>-1.8</b>
Iowa.....	5,102	80	5,873	83	21,474	82	21,657	88	-8	-6.2
Kansas.....	4,613	97	4,431	98	19,553	95	18,445	98	6.0	-2.7
Minnesota.....	3,967	105	4,655	99	16,559	110	17,915	107	-7.6	2.5
Missouri.....	9,033	91	9,952	92	37,451	93	38,589	92	-2.9	.9
Nebraska.....	3,200	54	3,142	59	11,970	55	11,940	59	.3	-5.5
North Dakota.....	6,517	73	6,682	76	24,650	73	24,199	76	1.9	-4.2
South Dakota.....	581	94	384	93	2,059	94	1,699	93	21.2	1.0
<b>South Atlantic</b> .....	<b>40,039</b>	<b>140</b>	<b>40,522</b>	<b>143</b>	<b>159,079</b>	<b>141</b>	<b>159,850</b>	<b>145</b>	<b>-5</b>	<b>-2.5</b>
Delaware.....	397	162	385	153	1,204	159	1,744	156	-31.0	1.7
Florida.....	6,529	156	7,325	161	25,272	159	27,904	165	-9.4	-3.7
Georgia.....	7,911	157	7,611	154	33,296	155	31,748	155	4.9	*
Maryland.....	3,225	136	2,666	147	11,143	138	10,845	146	2.7	-5.2
North Carolina.....	6,356	142	7,213	142	25,575	144	27,818	144	-8.1	*
South Carolina.....	3,219	140	3,258	145	12,877	142	12,945	145	-5	-2.1
Virginia.....	3,182	131	3,196	137	12,932	134	12,716	138	1.7	-2.6
West Virginia.....	9,221	117	8,869	122	36,780	118	34,130	122	7.8	-3.2
<b>East South Central</b> .....	<b>25,168</b>	<b>121</b>	<b>24,407</b>	<b>126</b>	<b>99,398</b>	<b>123</b>	<b>100,791</b>	<b>126</b>	<b>-1.4</b>	<b>-2.3</b>
Alabama.....	7,823	141	7,684	156	30,094	148	30,920	157	-2.7	-6.3
Kentucky.....	9,026	105	8,708	107	35,344	106	36,962	106	-4.4	*
Mississippi.....	1,863	153	1,192	157	6,423	155	5,886	154	9.1	.9
Tennessee.....	6,457	114	6,823	114	27,537	113	27,023	112	1.9	.6
<b>West South Central</b> .....	<b>37,182</b>	<b>117</b>	<b>36,150</b>	<b>119</b>	<b>150,198</b>	<b>121</b>	<b>144,195</b>	<b>123</b>	<b>4.2</b>	<b>-2.2</b>
Arkansas.....	3,565	130	3,812	136	15,406	146	14,173	147	8.7	-1.1
Louisiana.....	3,292	142	3,573	143	13,854	140	14,043	143	-1.3	-2.2
Oklahoma.....	5,323	89	4,798	88	20,999	91	19,747	91	6.3	.3
Texas.....	25,001	117	23,967	118	99,939	120	96,231	124	3.9	-2.8
<b>Mountain</b> .....	<b>29,249</b>	<b>104</b>	<b>29,632</b>	<b>105</b>	<b>112,242</b>	<b>106</b>	<b>112,208</b>	<b>107</b>	<b>*</b>	<b>-1.1</b>
Arizona.....	5,202	132	4,743	133	19,712	133	18,826	133	4.7	-3
Colorado.....	4,835	99	4,567	97	18,389	98	18,061	99	1.8	-2
Montana.....	2,691	73	2,753	70	10,417	73	10,520	67	-1.0	7.9
Nevada.....	2,291	122	2,419	121	8,075	129	8,035	130	.5	-3
New Mexico.....	3,734	128	4,227	124	16,059	133	15,841	131	1.4	1.8
Utah.....	3,707	100	3,782	107	14,193	103	14,896	115	-4.7	-10.2
Wyoming.....	6,789	75	7,140	84	25,396	76	26,029	79	-2.4	-3.1
<b>Pacific</b> .....	<b>1,799</b>	<b>148</b>	<b>2,167</b>	<b>138</b>	<b>7,812</b>	<b>141</b>	<b>8,120</b>	<b>138</b>	<b>-3.8</b>	<b>1.7</b>
Oregon.....	531	109	629	109	2,326	108	2,014	109	15.5	-9
Washington.....	1,268	165	1,538	150	5,486	156	6,106	149	-10.2	4.9
<b>U.S. Total</b> .....	<b>225,495</b>	<b>120</b>	<b>236,186</b>	<b>123</b>	<b>906,758</b>	<b>122</b>	<b>929,448</b>	<b>125</b>	<b>-2.4</b>	<b>-2.8</b>

\* Percent change is less than 0.05 percent.

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

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

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

Census Division and State	October-December 1999		October-December 1998		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1999		1998		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
<b>New England</b> .....	<b>342</b>	<b>155</b>	<b>457</b>	<b>171</b>	<b>1,025</b>	<b>161</b>	<b>4,453</b>	<b>168</b>	<b>-77.0</b>	<b>-4.3</b>
Connecticut.....	-	-	108	184	-	-	493	185	-	-
Massachusetts.....	49	158	90	169	225	175	2,932	166	-92.3	5.1
New Hampshire.....	293	154	260	166	800	157	1,028	165	-22.2	-4.9
<b>Mid Atlantic</b> .....	<b>7,458</b>	<b>134</b>	<b>11,145</b>	<b>140</b>	<b>33,864</b>	<b>136</b>	<b>45,136</b>	<b>141</b>	<b>-25.0</b>	<b>-3.4</b>
New Jersey.....	710	142	608	159	2,416	146	1,891	162	27.7	-10.0
New York.....	428	151	2,055	143	3,312	146	7,897	144	-58.1	1.7
Pennsylvania.....	6,321	132	8,482	137	28,136	134	35,348	139	-20.4	-3.6
<b>East North Central</b> .....	<b>34,610</b>	<b>130</b>	<b>38,549</b>	<b>132</b>	<b>149,725</b>	<b>131</b>	<b>156,617</b>	<b>136</b>	<b>-4.4</b>	<b>-3.5</b>
Illinois.....	4,217	152	8,692	146	28,464	152	34,093	162	-16.5	-6.4
Indiana.....	10,186	112	9,715	116	43,848	112	39,742	116	10.3	-3.8
Michigan.....	7,773	132	6,303	136	26,807	132	26,271	135	2.0	-2.5
Ohio.....	8,335	150	9,293	145	35,076	148	38,325	146	-8.5	1.4
Wisconsin.....	4,100	97	4,546	106	15,531	101	18,186	104	-14.6	-3.5
<b>West North Central</b> .....	<b>25,069</b>	<b>85</b>	<b>28,226</b>	<b>87</b>	<b>102,287</b>	<b>87</b>	<b>110,045</b>	<b>88</b>	<b>-7.1</b>	<b>-1.5</b>
Iowa.....	3,521	79	4,002	81	15,168	81	15,927	87	-4.8	-7.3
Kansas.....	3,112	107	4,431	98	13,878	106	18,283	98	-24.1	7.4
Minnesota.....	3,731	105	4,435	98	15,454	109	17,253	106	-10.4	2.4
Missouri.....	4,406	91	5,907	93	20,679	92	23,249	90	-11.1	1.3
Nebraska.....	3,200	54	2,386	55	10,786	54	9,436	56	14.3	-3.3
North Dakota.....	6,517	73	6,682	76	24,649	73	24,199	76	1.9	-4.2
South Dakota.....	581	94	384	93	1,672	93	1,699	93	-1.6	.3
<b>South Atlantic</b> .....	<b>28,806</b>	<b>143</b>	<b>28,798</b>	<b>145</b>	<b>118,249</b>	<b>143</b>	<b>112,997</b>	<b>146</b>	<b>4.6</b>	<b>-2.2</b>
Delaware.....	309	162	381	153	1,075	158	1,698	156	-36.7	1.3
Florida.....	4,282	165	5,151	166	17,751	165	18,851	171	-5.8	-3.6
Georgia.....	4,338	163	3,850	158	19,429	158	15,589	159	24.6	-3.3
Maryland.....	2,790	136	1,775	146	9,825	139	7,461	146	31.7	-5.1
North Carolina.....	5,233	146	5,382	144	20,186	147	21,009	147	-3.9	.1
South Carolina.....	2,472	142	2,635	144	10,482	142	10,528	144	-4	-1.6
Virginia.....	2,415	130	2,139	137	9,457	135	8,509	139	11.1	-2.8
West Virginia.....	6,967	120	7,485	125	30,044	120	29,353	125	2.4	-3.5
<b>East South Central</b> .....	<b>20,861</b>	<b>123</b>	<b>18,952</b>	<b>128</b>	<b>80,335</b>	<b>124</b>	<b>77,258</b>	<b>129</b>	<b>4.0</b>	<b>-4.0</b>
Alabama.....	6,885	143	6,136	160	24,228	152	26,231	162	-7.6	-5.9
Kentucky.....	6,427	105	6,385	106	26,290	105	24,637	106	6.7	-4
Mississippi.....	1,627	155	921	161	4,579	156	4,947	157	-7.4	-4
Tennessee.....	5,922	113	5,510	112	25,238	113	21,443	111	17.7	1.4
<b>West South Central</b> .....	<b>33,675</b>	<b>117</b>	<b>32,525</b>	<b>118</b>	<b>140,777</b>	<b>121</b>	<b>133,396</b>	<b>123</b>	<b>5.5</b>	<b>-2.3</b>
Arkansas.....	2,986	135	3,450	138	13,942	148	12,994	151	7.3	-1.5
Louisiana.....	3,292	142	3,335	140	13,854	140	13,660	142	1.4	-1.3
Oklahoma.....	5,323	89	4,603	88	20,999	91	19,115	91	9.9	.1
Texas.....	22,074	118	21,136	118	91,982	120	87,627	124	5.0	-2.9
<b>Mountain</b> .....	<b>27,416</b>	<b>105</b>	<b>27,641</b>	<b>106</b>	<b>106,321</b>	<b>106</b>	<b>105,028</b>	<b>108</b>	<b>1.2</b>	<b>-1.9</b>
Arizona.....	4,774	132	4,193	134	17,232	133	16,408	136	5.0	-2.1
Colorado.....	4,204	102	4,091	99	16,772	101	16,789	100	-1	.4
Montana.....	2,691	73	2,753	70	10,417	73	10,520	67	-1.0	7.9
Nevada.....	1,929	126	2,054	124	6,959	134	6,791	132	2.5	1.3
New Mexico.....	3,734	128	4,227	124	16,059	133	15,841	131	1.4	1.8
Utah.....	3,707	100	3,782	107	13,898	103	14,678	115	-5.3	-10.9
Wyoming.....	6,376	77	6,541	85	24,983	77	24,001	80	4.1	-3.9
<b>Pacific</b> .....	<b>860</b>	<b>188</b>	<b>1,191</b>	<b>160</b>	<b>3,984</b>	<b>171</b>	<b>4,623</b>	<b>159</b>	<b>-13.8</b>	<b>7.3</b>
Washington.....	860	188	1,191	160	3,984	171	4,623	159	-13.8	7.3
<b>U.S. Total</b> .....	<b>179,097</b>	<b>121</b>	<b>187,485</b>	<b>124</b>	<b>736,567</b>	<b>123</b>	<b>749,553</b>	<b>127</b>	<b>-1.7</b>	<b>-2.8</b>

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

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

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

Census Division and State	October-December 1999		October-December 1998		Year to Date					
	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	1999		1998		Percent Change	
					Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity (thousand short tons)	Price (cents per MM Btu)	Quantity	Price
<b>New England</b> .....	<b>210</b>	<b>155</b>	<b>211</b>	<b>167</b>	<b>913</b>	<b>156</b>	<b>1,086</b>	<b>165</b>	<b>-15.9</b>	<b>-5.7</b>
Connecticut.....	-	-	70	176	35	169	164	170	-78.7	-6
Massachusetts.....	85	177	68	177	343	174	541	174	-36.6	-1
New Hampshire.....	125	139	73	150	535	143	381	151	40.6	-5.1
<b>Mid Atlantic</b> .....	<b>1,887</b>	<b>113</b>	<b>3,001</b>	<b>122</b>	<b>6,709</b>	<b>116</b>	<b>10,421</b>	<b>122</b>	<b>-35.6</b>	<b>-5.0</b>
New Jersey.....	62	148	123	144	181	143	421	146	-57.0	-2.4
New York.....	59	141	512	139	735	139	1,399	141	-47.5	-1.6
Pennsylvania.....	1,766	111	2,367	117	5,793	112	8,601	117	-32.6	-4.7
<b>East North Central</b> .....	<b>14,536</b>	<b>110</b>	<b>14,825</b>	<b>114</b>	<b>52,076</b>	<b>112</b>	<b>52,129</b>	<b>114</b>	<b>-.1</b>	<b>-1.3</b>
Illinois.....	3,081	105	1,818	117	7,778	111	5,775	118	34.7	-5.2
Indiana.....	4,007	108	4,535	106	13,078	108	17,349	104	-24.6	4.3
Michigan.....	1,546	130	2,960	128	6,474	127	8,635	129	-25.0	-1.6
Ohio.....	3,505	112	4,064	114	16,427	112	15,117	113	8.7	-1.0
Wisconsin.....	2,398	100	1,448	104	8,320	106	5,252	117	58.4	-9.9
<b>West North Central</b> .....	<b>7,945</b>	<b>88</b>	<b>6,894</b>	<b>88</b>	<b>31,430</b>	<b>88</b>	<b>24,398</b>	<b>91</b>	<b>28.8</b>	<b>-3.1</b>
Iowa.....	1,581	82	1,871	87	6,306	85	5,730	88	10.0	-3.9
Kansas.....	1,501	79	-	-	5,675	71	162	64	NM	10.7
Minnesota.....	236	108	220	114	1,106	119	662	122	67.1	-2.2
Missouri.....	4,627	92	4,046	90	16,772	94	15,340	94	9.3	*
Nebraska.....	-	-	756	70	1,185	67	2,504	69	-52.7	-2.2
North Dakota.....	-	-	*	56	*	54	*	56	39.3	-2.5
South Dakota.....	-	-	-	-	387	96	-	-	-	-
<b>South Atlantic</b> .....	<b>11,233</b>	<b>133</b>	<b>11,724</b>	<b>140</b>	<b>40,830</b>	<b>136</b>	<b>46,853</b>	<b>141</b>	<b>-12.9</b>	<b>-3.8</b>
Delaware.....	88	162	3	135	129	163	46	151	178.2	7.9
Florida.....	2,247	141	2,174	147	7,521	144	9,053	151	-16.9	-5.0
Georgia.....	3,573	147	3,761	150	13,867	148	16,159	150	-14.2	-1.1
Maryland.....	435	134	891	147	1,318	136	3,384	145	-61.1	-6.6
North Carolina.....	1,123	126	1,830	139	5,389	132	6,809	134	-20.8	-2.1
South Carolina.....	747	133	623	146	2,395	139	2,418	146	-9	-4.3
Virginia.....	766	132	1,056	136	3,474	133	4,207	136	-17.4	-2.2
West Virginia.....	2,254	108	1,384	106	6,736	109	4,778	107	41.0	2.3
<b>East South Central</b> .....	<b>4,307</b>	<b>113</b>	<b>5,455</b>	<b>122</b>	<b>19,064</b>	<b>119</b>	<b>23,533</b>	<b>116</b>	<b>-19.0</b>	<b>2.9</b>
Alabama.....	938	128	1,548	139	5,867	128	4,689	133	25.1	-4.1
Kentucky.....	2,598	103	2,323	108	9,054	107	12,325	106	-26.5	.9
Mississippi.....	236	141	271	140	1,844	153	938	137	96.5	11.4
Tennessee.....	535	121	1,313	122	2,298	119	5,580	118	-58.8	.8
<b>West South Central</b> .....	<b>3,506</b>	<b>110</b>	<b>3,625</b>	<b>121</b>	<b>9,421</b>	<b>122</b>	<b>10,799</b>	<b>122</b>	<b>-12.8</b>	<b>-.3</b>
Arkansas.....	579	103	362	116	1,464	119	1,179	109	24.2	9.0
Louisiana.....	-	-	238	177	-	-	383	179	-	-
Oklahoma.....	-	-	194	84	-	-	632	86	-	-
Texas.....	2,927	111	2,831	118	7,957	122	8,605	124	-7.5	-1.1
<b>Mountain</b> .....	<b>1,833</b>	<b>90</b>	<b>1,991</b>	<b>95</b>	<b>5,921</b>	<b>106</b>	<b>7,180</b>	<b>95</b>	<b>-17.5</b>	<b>11.2</b>
Arizona.....	427	129	550	120	2,480	131	2,417	114	2.6	14.9
Colorado.....	631	83	477	87	1,617	77	1,273	80	27.1	-3.2
Nevada.....	362	102	365	105	1,115	104	1,244	119	-10.4	-12.5
Utah.....	-	-	-	-	295	131	218	96	35.7	36.1
Wyoming.....	413	42	599	70	413	42	2,028	65	-79.6	-34.9
<b>Pacific</b> .....	<b>939</b>	<b>115</b>	<b>976</b>	<b>114</b>	<b>3,828</b>	<b>114</b>	<b>3,497</b>	<b>114</b>	<b>9.5</b>	<b>-.4</b>
Oregon.....	531	109	629	109	2,326	108	2,014	109	15.5	-9
Washington.....	408	123	347	121	1,502	123	1,483	121	1.3	1.3
<b>U.S. Total</b> .....	<b>46,398</b>	<b>113</b>	<b>48,700</b>	<b>119</b>	<b>170,192</b>	<b>116</b>	<b>179,895</b>	<b>120</b>	<b>-5.4</b>	<b>-3.0</b>

\* Percent change is less than 0.05 percent.

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

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

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



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

Census Division and State	October-December 1999	July-September 1999	October-December 1998	Year to Date		
				1999	1998	Percent Change
<b>New England</b> .....	<b>\$40.56</b>	<b>\$41.54</b>	<b>\$44.47</b>	<b>\$41.59</b>	<b>\$42.94</b>	<b>-3.1</b>
Connecticut .....	-	-	47.20	45.85	47.59	-3.7
Massachusetts.....	44.71	46.74	45.12	45.55	42.30	7.7
New Hampshire .....	39.22	38.72	42.70	39.79	42.35	-6.0
<b>Mid Atlantic</b> .....	<b>32.71</b>	<b>33.24</b>	<b>33.95</b>	<b>33.59</b>	<b>34.33</b>	<b>-2.1</b>
New Jersey .....	37.21	38.04	40.93	38.23	41.71	-8.3
New York.....	38.72	39.48	37.11	37.77	37.44	.9
Pennsylvania .....	31.92	32.61	32.73	32.74	33.28	-1.6
<b>East North Central</b> .....	<b>26.03</b>	<b>26.97</b>	<b>26.92</b>	<b>26.60</b>	<b>27.51</b>	<b>-3.3</b>
Illinois .....	24.77	27.13	27.34	27.47	30.22	-9.1
Indiana.....	23.55	23.60	23.81	23.58	23.63	-.2
Michigan .....	27.52	27.22	28.29	27.39	28.19	-2.8
Ohio.....	33.07	33.76	32.27	32.49	32.52	-.1
Wisconsin.....	17.88	19.62	19.52	18.66	19.97	-6.6
<b>West North Central</b> .....	<b>14.19</b>	<b>14.57</b>	<b>14.49</b>	<b>14.57</b>	<b>14.91</b>	<b>-2.3</b>
Iowa.....	13.69	14.43	14.32	14.09	15.12	-6.8
Kansas.....	16.80	16.65	17.02	16.47	17.06	-3.5
Minnesota.....	18.60	19.57	17.63	19.47	19.00	2.5
Missouri.....	16.29	16.36	16.33	16.56	16.40	1.0
Nebraska.....	9.09	9.43	10.11	9.42	10.07	-6.4
North Dakota.....	9.47	9.21	10.01	9.56	10.01	-4.4
South Dakota.....	16.09	16.22	16.21	16.16	16.19	-.1
<b>South Atlantic</b> .....	<b>34.54</b>	<b>34.73</b>	<b>35.33</b>	<b>34.83</b>	<b>35.58</b>	<b>-2.1</b>
Delaware .....	41.93	41.52	40.06	41.12	40.52	1.5
Florida .....	38.49	39.04	38.95	39.03	40.03	-2.5
Georgia.....	36.75	36.17	36.22	36.29	36.31	-.1
Maryland .....	35.12	34.68	37.92	35.76	37.63	-5.0
North Carolina .....	35.28	35.71	35.47	35.80	35.66	.4
South Carolina .....	35.77	36.29	37.08	36.29	37.05	-2.1
Virginia .....	33.33	34.31	34.52	34.11	34.73	-1.8
West Virginia.....	28.82	28.84	30.14	29.22	30.06	-2.8
<b>East South Central</b> .....	<b>27.47</b>	<b>27.44</b>	<b>29.39</b>	<b>28.02</b>	<b>29.10</b>	<b>-3.7</b>
Alabama .....	30.45	30.37	36.06	32.34	36.28	-10.9
Kentucky .....	24.42	24.42	24.84	24.52	24.52	*
Mississippi.....	31.97	36.76	34.56	34.34	32.51	5.6
Tennessee.....	26.82	26.21	26.78	26.32	26.39	-.3
<b>West South Central</b> .....	<b>18.29</b>	<b>18.42</b>	<b>18.52</b>	<b>18.94</b>	<b>19.34</b>	<b>-2.1</b>
Arkansas.....	22.43	26.04	23.72	25.19	25.53	-1.3
Louisiana.....	23.05	22.74	23.10	22.79	23.15	-1.5
Oklahoma.....	15.38	15.81	15.23	15.73	15.74	-.1
Texas .....	17.70	17.18	17.67	18.12	18.61	-2.6
<b>Mountain</b> .....	<b>20.33</b>	<b>20.24</b>	<b>20.35</b>	<b>20.69</b>	<b>20.83</b>	<b>-.7</b>
Arizona.....	27.02	25.84	26.97	27.21	27.12	.4
Colorado.....	19.31	19.25	19.00	19.20	19.41	-1.0
Montana.....	12.34	11.81	11.75	12.26	11.36	7.9
Nevada.....	27.66	28.28	27.18	29.13	29.07	.2
New Mexico.....	23.56	23.89	22.26	24.27	23.72	2.3
Utah.....	23.47	24.53	24.18	23.96	25.97	-7.8
Wyoming.....	13.14	13.11	14.65	13.39	13.83	-3.2
<b>Pacific</b> .....	<b>24.81</b>	<b>22.61</b>	<b>22.81</b>	<b>23.77</b>	<b>23.07</b>	<b>3.1</b>
Oregon.....	18.70	19.09	18.58	19.34	18.92	2.2
Washington .....	27.37	23.98	24.54	25.65	24.44	5.0
<b>U.S. Total</b> .....	<b>24.26</b>	<b>24.46</b>	<b>25.09</b>	<b>24.75</b>	<b>25.64</b>	<b>-3.5</b>

\* Percent change is less than 0.05 percent.

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

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

**Table 27. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-December 1999**

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 .....	5,315	204	7,549	159	270	140	13,134	177	0.86	-21.2	-3.3	-4.3
Arizona .....	12,622	122	-	-	-	-	12,622	122	.47	3.6	1.3	-2.6
Colorado .....	23,750	126	373	111	-	-	24,124	125	.42	6.3	1.2	.2
Illinois .....	24	153	15,815	136	18,578	126	34,416	131	1.86	-1.6	-8	-5.3
Indiana .....	2,019	122	8,403	119	20,710	101	31,132	107	2.10	-6.0	-2.6	.6
Kansas .....	-	-	-	-	402	104	402	104	3.70	14.0	1.7	-7
Kentucky .....	15,448	149	67,534	138	25,282	107	108,264	133	1.27	-10.1	-1.4	-7
Louisiana .....	-	-	2,810	134	-	-	2,810	134	1.32	-18.1	-2.4	-2
Maryland .....	-	-	2,987	111	152	89	3,139	110	1.50	-20.6	-10.1	11.7
Missouri .....	-	-	-	-	196	123	196	123	3.20	1.6	3.7	10.2
Montana .....	18,689	137	17,644	89	-	-	36,333	115	.59	-9.6	-2.2	.2
New Mexico .....	7,427	146	19,718	134	-	-	27,144	138	.75	.9	.4	-4
North Dakota .....	-	-	24,164	73	485	71	24,649	73	1.15	2.1	-4.1	-7
Ohio .....	-	-	583	117	19,809	142	20,392	141	2.96	-12.4	-1.3	-1.7
Oklahoma .....	-	-	-	-	193	110	193	110	2.89	19.2	*	4.8
Pennsylvania .....	385	148	34,136	125	10,691	120	45,211	124	1.45	-22.2	-5.7	1.4
Tennessee .....	65	115	1,926	132	-	-	1,990	132	.95	-18.3	3.2	-8.0
Texas .....	-	-	32,654	105	15,952	92	48,605	101	1.52	-1.5	.9	-6.5
Utah .....	18,081	106	377	123	-	-	18,458	107	.40	-2.5	-7.2	-2.3
Virginia .....	7,021	154	12,147	137	532	133	19,700	143	.78	17.1	-8	.8
Washington .....	-	-	3,984	171	-	-	3,984	171	1.16	-13.8	7.3	36.4
West Virginia .....	36,321	144	42,603	130	24,762	133	103,686	136	1.19	-2.3	-1.9	-3.4
Wyoming .....	306,281	107	14,922	111	-	-	321,204	107	.38	5.5	-2.8	-2.5
<b>Imported.....</b>	<b>4,682</b>	<b>149</b>	<b>288</b>	<b>145</b>	<b>-</b>	<b>-</b>	<b>4,969</b>	<b>149</b>	<b>.48</b>	<b>-15.0</b>	<b>-4.5</b>	<b>-6.6</b>
<b>Total.....</b>	<b>458,129</b>	<b>119</b>	<b>310,617</b>	<b>126</b>	<b>138,013</b>	<b>119</b>	<b>906,758</b>	<b>122</b>	<b>.99</b>	<b>-2.4</b>	<b>-2.8</b>	<b>-4.6</b>

\* Percent change 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-December 1999, 1998**

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)	
	1999	1998	1999	1998	1999	1998	1999	1998
<b>Alabama</b> .....	<b>30,094</b>	<b>30,920</b>	<b>80.5</b>	<b>84.8</b>	<b>0.93</b>	<b>0.99</b>	<b>148</b>	<b>157</b>
Alabama.....	12,867	16,432	88.1	91.3	.85	.89	178	184
Colorado.....	30	675	—	71.7	.35	.40	112	118
Illinois.....	1,878	1,124	33.4	15.9	1.87	1.78	125	131
Indiana.....	—	61	—	—	—	3.13	—	110
Kentucky.....	3,429	4,454	79.4	72.0	1.84	1.68	115	120
Pennsylvania.....	59	39	100.0	100.0	1.96	1.63	113	112
Tennessee.....	429	553	100.0	100.0	.72	.71	137	137
Virginia.....	61	35	—	—	.65	.67	138	139
West Virginia.....	457	1,494	3.0	48.3	2.20	1.53	113	131
Wyoming.....	10,332	6,053	85.0	99.8	.39	.31	117	119
Imported coal Colombia.....	553	—	47.4	—	.47	—	162	—
<b>Arizona</b> .....	<b>19,712</b>	<b>18,826</b>	<b>87.4</b>	<b>87.2</b>	<b>.53</b>	<b>.54</b>	<b>133</b>	<b>133</b>
Arizona.....	8,129	7,680	100.0	100.0	.48	.49	117	117
Colorado.....	525	207	—	—	.40	.42	177	190
Montana.....	70	94	—	—	.35	.39	123	132
New Mexico.....	10,857	10,593	83.8	82.4	.59	.58	144	146
Wyoming.....	132	251	—	—	.31	.29	120	119
<b>Arkansas</b> .....	<b>15,406</b>	<b>14,173</b>	<b>90.5</b>	<b>91.7</b>	<b>.31</b>	<b>.34</b>	<b>146</b>	<b>147</b>
Wyoming.....	15,406	14,173	90.5	91.7	.31	.34	146	147
<b>Colorado</b> .....	<b>18,389</b>	<b>18,061</b>	<b>91.2</b>	<b>93.0</b>	<b>.39</b>	<b>.39</b>	<b>98</b>	<b>99</b>
Colorado.....	10,442	11,000	88.3	89.7	.42	.41	108	107
New Mexico.....	—	11	—	—	—	.43	—	127
Wyoming.....	7,947	7,051	95.0	98.2	.35	.35	84	83
<b>Connecticut</b> .....	<b>35</b>	<b>657</b>	<b>—</b>	<b>75.0</b>	<b>.45</b>	<b>.40</b>	<b>169</b>	<b>181</b>
Kentucky.....	—	456	—	90.6	—	.38	—	183
West Virginia.....	—	95	—	84.2	—	.46	—	182
Imported coal Venezuela.....	35	106	—	—	.45	.46	169	171
<b>Delaware</b> .....	<b>1,204</b>	<b>1,744</b>	<b>89.3</b>	<b>97.3</b>	<b>.75</b>	<b>.75</b>	<b>159</b>	<b>156</b>
Kentucky.....	31	92	65.9	100.0	.52	.53	175	172
Maryland.....	123	170	100.0	100.0	1.12	1.11	145	146
Pennsylvania.....	324	523	100.0	97.5	1.02	1.01	143	142
Virginia.....	213	145	77.6	100.0	.57	.58	174	177
West Virginia.....	513	814	86.3	95.9	.57	.56	165	162
<b>Florida</b> .....	<b>25,272</b>	<b>27,904</b>	<b>70.2</b>	<b>67.6</b>	<b>1.25</b>	<b>1.28</b>	<b>159</b>	<b>165</b>
Alabama.....	72	129	—	—	1.86	.83	133	160
Illinois.....	8,205	7,466	81.4	83.0	1.73	1.86	151	163
Indiana.....	—	30	—	100.0	—	2.79	—	125
Kentucky.....	11,247	13,443	72.8	65.9	1.09	1.18	166	168
Pennsylvania.....	93	—	100.0	—	1.42	—	138	—
Virginia.....	818	789	96.3	94.6	.60	.62	202	206
West Virginia.....	2,343	2,241	38.1	52.3	1.33	1.34	151	165
Wyoming.....	430	1,064	—	—	.22	.46	126	134
Imported coal Australia.....	63	—	—	—	.58	—	124	—
Imported coal Colombia.....	1,119	1,909	91.2	76.8	.56	.55	148	146
Imported coal Indonesia.....	388	597	—	62.6	.13	.22	131	157
Imported coal Venezuela.....	494	235	16.7	—	.45	.58	153	159
<b>Georgia</b> .....	<b>33,296</b>	<b>31,748</b>	<b>58.4</b>	<b>49.1</b>	<b>.68</b>	<b>.72</b>	<b>155</b>	<b>155</b>
Alabama.....	194	72	—	—	1.28	1.52	127	142
Illinois.....	1,124	677	100.0	100.0	.89	1.13	149	138
Kentucky.....	15,388	16,043	75.3	57.2	.77	.82	152	149
Tennessee.....	—	48	—	—	—	.50	—	155
Virginia.....	5,503	3,447	63.9	57.1	.68	.69	152	153
West Virginia.....	3,831	4,888	83.7	77.1	.57	.62	180	180
Wyoming.....	6,821	6,158	—	—	.39	.42	152	150
Imported coal Venezuela.....	434	414	—	—	.60	.81	139	145
<b>Illinois</b> .....	<b>36,241</b>	<b>39,867</b>	<b>78.5</b>	<b>85.5</b>	<b>1.07</b>	<b>1.13</b>	<b>144</b>	<b>156</b>
Colorado.....	1,066	1,204	98.2	90.4	.45	.44	128	140
Illinois.....	11,652	13,985	93.4	85.0	2.22	2.30	126	123
Indiana.....	440	1,625	38.6	63.5	1.80	.90	143	152
Kentucky.....	102	98	100.0	90.8	1.86	2.31	125	119
Montana.....	1,659	1,713	100.0	100.0	.36	.35	162	220
Utah.....	338	818	100.0	93.5	.43	.40	138	158
Wyoming.....	20,983	20,425	68.0	85.7	.38	.34	156	179
<b>Indiana</b> .....	<b>56,925</b>	<b>57,091</b>	<b>77.0</b>	<b>69.6</b>	<b>1.49</b>	<b>1.55</b>	<b>111</b>	<b>112</b>
Illinois.....	4,568	4,043	62.8	63.0	2.12	2.14	114	117
Indiana.....	28,428	28,750	76.2	65.6	2.05	2.11	106	108
Kentucky.....	1,957	1,406	40.3	42.6	.91	1.16	120	121
Ohio.....	389	945	—	—	3.78	3.44	108	110

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-December 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
<b>Indiana</b>								
Pennsylvania.....	635	699	90.2	90.4	1.58	1.55	112	107
Virginia.....	997	813	89.7	100.0	.50	.52	157	160
West Virginia.....	2,516	2,332	51.7	40.4	1.11	1.16	119	117
Wyoming.....	17,435	18,103	90.3	84.7	.33	.34	113	116
<b>Iowa</b>	<b>21,474</b>	<b>21,657</b>	<b>70.6</b>	<b>73.5</b>	<b>.47</b>	<b>.51</b>	<b>82</b>	<b>88</b>
Colorado.....	347	515	100.0	94.4	.43	.42	134	132
Illinois.....	379	360	44.8	22.8	1.52	2.30	120	114
Indiana.....	-	90	-	100.0	-	1.23	-	125
Kentucky.....	21	195	-	38.2	2.51	2.06	117	118
Montana.....	116	141	10.6	15.9	.36	.34	144	139
Ohio.....	*	11	-	-	3.31	3.31	140	140
Pennsylvania.....	22	11	-	-	1.08	1.00	161	140
West Virginia.....	22	1	-	-	1.08	2.08	161	164
Wyoming.....	20,566	20,333	71.2	74.6	.44	.45	79	84
<b>Kansas</b>	<b>19,553</b>	<b>18,445</b>	<b>71.0</b>	<b>99.1</b>	<b>.50</b>	<b>.52</b>	<b>95</b>	<b>98</b>
Colorado.....	587	886	59.6	100.0	.41	.42	136	122
Illinois.....	-	30	-	100.0	-	2.16	-	128
Kansas.....	400	353	-	100.0	3.71	3.73	104	102
Missouri.....	-	21	-	100.0	-	3.05	-	127
Montana.....	1,319	378	100.0	100.0	.37	.37	90	93
Oklahoma.....	66	75	100.0	100.0	2.71	2.71	119	119
Utah.....	3	-	-	-	.36	-	148	-
Wyoming.....	17,178	16,702	70.7	99.0	.40	.42	94	96
<b>Kentucky</b>	<b>35,344</b>	<b>36,962</b>	<b>74.4</b>	<b>66.7</b>	<b>1.96</b>	<b>2.04</b>	<b>106</b>	<b>106</b>
Colorado.....	3,088	2,841	88.1	99.6	.40	.44	132	128
Illinois.....	236	246	-	-	2.13	2.06	101	101
Indiana.....	1,868	2,022	99.6	95.5	3.02	2.93	99	97
Kentucky.....	21,324	24,333	76.1	59.1	2.35	2.29	102	104
Ohio.....	172	659	35.1	92.4	3.30	3.50	86	93
Pennsylvania.....	402	75	3.5	71.6	1.33	1.72	116	109
Utah.....	-	22	-	100.0	-	.50	-	139
West Virginia.....	7,486	6,519	66.0	71.3	1.40	1.52	108	108
Wyoming.....	768	245	60.5	71.0	.32	.35	104	98
<b>Louisiana</b>	<b>13,854</b>	<b>14,043</b>	<b>100.0</b>	<b>97.3</b>	<b>.72</b>	<b>.70</b>	<b>140</b>	<b>143</b>
Colorado.....	-	52	-	-	-	.42	-	153
Louisiana.....	2,810	3,432	100.0	100.0	1.32	1.32	134	137
Texas.....	-	123	-	100.0	-	2.34	-	132
Wyoming.....	11,044	10,134	100.0	99.7	.59	.54	141	143
Imported coal Indonesia.....	-	303	-	-	-	.09	-	188
<b>Maryland</b>	<b>11,143</b>	<b>10,845</b>	<b>88.2</b>	<b>68.8</b>	<b>.86</b>	<b>.91</b>	<b>138</b>	<b>146</b>
Kentucky.....	334	485	100.0	100.0	.57	.58	141	146
Maryland.....	227	678	20.0	92.0	1.14	1.14	131	176
Pennsylvania.....	3,114	3,249	71.7	18.4	1.15	1.11	137	147
Virginia.....	65	-	-	-	.82	-	153	-
West Virginia.....	7,373	6,433	97.8	89.5	.75	.80	139	142
Imported coal Colombia.....	29	-	-	-	.57	-	132	-
<b>Massachusetts</b>	<b>567</b>	<b>3,473</b>	<b>39.6</b>	<b>84.4</b>	<b>.62</b>	<b>.57</b>	<b>174</b>	<b>168</b>
Kentucky.....	215	558	74.3	86.7	.57	.50	179	180
Pennsylvania.....	65	183	74.8	100.0	.97	1.11	162	161
Virginia.....	8	-	-	-	.49	-	147	-
West Virginia.....	279	1,793	6.0	74.0	.59	.56	174	168
Imported coal Colombia.....	-	467	-	100.0	-	.51	-	170
Imported coal Venezuela.....	-	472	-	100.0	-	.53	-	153
<b>Michigan</b>	<b>33,281</b>	<b>34,906</b>	<b>80.5</b>	<b>75.3</b>	<b>.59</b>	<b>.63</b>	<b>131</b>	<b>133</b>
Colorado.....	807	672	100.0	91.9	.43	.45	139	142
Illinois.....	-	25	-	-	-	1.08	-	152
Indiana.....	156	120	46.1	100.0	2.09	2.11	132	138
Kentucky.....	4,140	4,440	44.2	60.7	.68	.68	145	151
Montana.....	9,314	10,739	95.3	92.5	.37	.39	146	145
Ohio.....	131	153	30.7	32.9	2.58	2.67	155	158
Pennsylvania.....	2,575	3,730	83.8	44.4	1.12	1.15	122	125
Utah.....	-	37	-	-	-	.44	-	141
West Virginia.....	5,293	4,913	54.1	54.2	.88	.93	143	152
Wyoming.....	10,864	10,078	93.5	84.7	.31	.34	102	99
<b>Minnesota</b>	<b>16,559</b>	<b>17,915</b>	<b>93.3</b>	<b>96.3</b>	<b>.49</b>	<b>.50</b>	<b>110</b>	<b>107</b>
Colorado.....	12	-	-	-	.42	-	127	-
Illinois.....	23	42	100.0	100.0	.92	1.16	162	161
Indiana.....	83	69	99.9	-	.76	1.16	157	150

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-December 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
<b>Minnesota</b>								
Kentucky.....	*	1	-	-	0.74	1.07	150	150
Montana.....	8,616	9,486	94.7	95.1	.67	.66	111	110
Wyoming.....	7,825	8,317	91.9	98.5	.28	.29	107	103
<b>Mississippi</b>	<b>6,423</b>	<b>5,886</b>	<b>71.3</b>	<b>84.1</b>	<b>.67</b>	<b>.71</b>	<b>155</b>	<b>154</b>
Alabama.....	-	28	-	-	-	.57	-	148
Colorado.....	1,100	-	-	-	.45	-	158	-
Illinois.....	1,413	1,415	98.4	89.9	1.24	1.26	142	141
Kentucky.....	1,043	967	99.6	98.4	.72	.73	189	197
Montana.....	1,949	2,831	100.0	95.9	.39	.39	148	147
Pennsylvania.....	-	7	-	100.0	-	1.12	-	142
Wyoming.....	201	463	100.0	-	.48	.48	136	132
Imported coal Colombia.....	701	-	-	-	.36	-	146	-
Imported coal Venezuela.....	16	174	-	-	.62	.60	142	140
<b>Missouri</b>	<b>37,451</b>	<b>38,589</b>	<b>55.2</b>	<b>60.2</b>	<b>.38</b>	<b>.41</b>	<b>93</b>	<b>92</b>
Colorado.....	-	30	-	-	-	.54	-	137
Illinois.....	1,579	1,803	40.5	41.5	1.61	1.67	139	131
Indiana.....	-	148	-	-	-	.60	-	131
Kansas.....	2	-	-	-	3.21	-	124	-
Kentucky.....	43	43	100.0	65.7	.99	1.50	195	192
Missouri.....	196	172	100.0	96.7	3.20	2.89	123	117
Oklahoma.....	15	-	33.2	-	2.80	-	130	-
Utah.....	93	-	-	-	.36	-	117	-
Wyoming.....	35,522	36,392	55.7	61.3	.28	.31	89	89
<b>Montana</b>	<b>10,417</b>	<b>10,520</b>	<b>100.0</b>	<b>100.0</b>	<b>.86</b>	<b>.85</b>	<b>73</b>	<b>67</b>
Montana.....	9,777	10,123	100.0	100.0	.90	.88	74	68
Wyoming.....	640	397	100.0	100.0	.24	.28	59	54
<b>Nebraska</b>	<b>11,970</b>	<b>11,940</b>	<b>90.1</b>	<b>79.0</b>	<b>.35</b>	<b>.32</b>	<b>55</b>	<b>59</b>
Utah.....	3	-	-	-	.23	-	127	-
Wyoming.....	11,968	11,940	90.1	79.0	.35	.32	55	59
<b>Nevada</b>	<b>8,075</b>	<b>8,035</b>	<b>86.2</b>	<b>84.5</b>	<b>.41</b>	<b>.42</b>	<b>129</b>	<b>130</b>
Arizona.....	4,493	4,503	100.0	100.0	.44	.47	130	126
Colorado.....	-	20	-	100.0	-	.41	-	196
Utah.....	3,582	3,512	68.9	64.6	.38	.35	128	135
<b>New Hampshire</b>	<b>1,335</b>	<b>1,408</b>	<b>59.9</b>	<b>73.0</b>	<b>1.03</b>	<b>1.07</b>	<b>151</b>	<b>161</b>
Kentucky.....	10	-	100.0	-	1.90	-	160	-
Ohio.....	7	-	-	-	1.87	-	158	-
Pennsylvania.....	638	814	97.9	98.2	1.22	1.13	158	166
West Virginia.....	174	229	95.0	100.0	1.67	1.75	152	161
Imported coal Colombia.....	-	35	-	-	-	.49	-	173
Imported coal Venezuela.....	507	331	-	-	.52	.51	143	148
<b>New Jersey</b>	<b>2,597</b>	<b>2,312</b>	<b>93.0</b>	<b>81.8</b>	<b>.86</b>	<b>.86</b>	<b>145</b>	<b>159</b>
Kentucky.....	151	110	93.5	74.1	.62	.58	146	151
Ohio.....	16	-	-	-	1.94	-	155	-
Pennsylvania.....	-	*	-	100.0	-	.61	-	192
Virginia.....	716	760	97.2	96.2	.51	.52	141	154
West Virginia.....	1,710	1,403	92.1	76.8	1.03	1.10	147	163
Imported coal Poland.....	4	-	100.0	-	.61	-	193	-
Imported coal Venezuela.....	1	39	100.0	-	.61	.52	193	155
<b>New Mexico</b>	<b>16,059</b>	<b>15,841</b>	<b>100.0</b>	<b>100.0</b>	<b>.87</b>	<b>.88</b>	<b>133</b>	<b>131</b>
New Mexico.....	16,059	15,841	100.0	100.0	.87	.88	133	131
<b>New York</b>	<b>4,047</b>	<b>9,296</b>	<b>81.8</b>	<b>84.9</b>	<b>1.28</b>	<b>1.34</b>	<b>145</b>	<b>143</b>
Kentucky.....	354	999	97.5	82.8	.47	.50	181	180
Ohio.....	-	5	-	-	-	3.16	-	128
Pennsylvania.....	1,799	3,770	78.7	79.7	1.41	1.26	137	137
West Virginia.....	1,268	3,930	78.5	90.5	1.71	1.75	138	137
Imported coal Colombia.....	36	35	100.0	100.0	.47	.47	162	170
Imported coal Venezuela.....	589	559	88.2	85.4	.51	.48	160	167
<b>North Carolina</b>	<b>25,575</b>	<b>27,818</b>	<b>78.9</b>	<b>75.5</b>	<b>.68</b>	<b>.72</b>	<b>144</b>	<b>144</b>
Kentucky.....	12,198	15,721	80.0	69.3	.73	.77	143	142
Virginia.....	659	408	42.2	7.1	.69	.79	144	137
West Virginia.....	12,718	11,689	79.8	86.3	.63	.65	145	147
<b>North Dakota</b>	<b>24,650</b>	<b>24,199</b>	<b>100.0</b>	<b>100.0</b>	<b>1.15</b>	<b>1.16</b>	<b>73</b>	<b>76</b>
North Dakota.....	24,649	24,138	100.0	100.0	1.15	1.16	73	76
Wyoming.....	*	61	-	100.0	.90	.46	54	78
<b>Ohio</b>	<b>51,503</b>	<b>53,442</b>	<b>68.1</b>	<b>71.7</b>	<b>1.66</b>	<b>1.69</b>	<b>136</b>	<b>136</b>
Illinois.....	-	2	-	-	-	.73	-	132
Indiana.....	-	19	-	-	-	1.07	-	114
Kentucky.....	9,132	8,492	70.5	52.5	.70	.74	121	124

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-December 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
<b>Ohio</b>								
Ohio.....	18,261	20,143	87.5	85.6	2.92	2.97	146	149
Pennsylvania.....	4,343	4,755	17.3	39.9	1.53	1.42	110	126
Virginia.....	400	586	100.0	100.0	.51	.54	133	125
West Virginia.....	17,470	17,992	65.9	77.8	1.03	.92	143	133
Wyoming.....	1,897	1,452	-	9.9	.28	.36	116	121
<b>Oklahoma</b>	<b>20,999</b>	<b>19,747</b>	<b>100.0</b>	<b>96.8</b>	<b>.36</b>	<b>.35</b>	<b>91</b>	<b>91</b>
Oklahoma.....	112	87	100.0	100.0	3.01	2.81	102	102
Wyoming.....	20,888	19,660	100.0	96.8	.33	.33	91	91
<b>Oregon</b>	<b>2,326</b>	<b>2,014</b>	-	-	<b>.44</b>	<b>.37</b>	<b>108</b>	<b>109</b>
Colorado.....	14	-	-	-	.43	-	75	-
Utah.....	287	-	-	-	.46	-	103	-
Wyoming.....	2,025	2,014	-	-	.43	.37	109	109
<b>Pennsylvania</b>	<b>33,930</b>	<b>43,948</b>	<b>82.9</b>	<b>80.4</b>	<b>1.71</b>	<b>1.78</b>	<b>130</b>	<b>135</b>
Kentucky.....	41	-	-	-	.87	-	143	-
Maryland.....	-	32	-	-	-	.99	-	131
Ohio.....	42	212	100.0	100.0	2.75	3.05	173	165
Pennsylvania.....	24,940	34,522	81.1	76.4	1.56	1.57	126	130
Virginia.....	20	-	-	-	.82	-	144	-
West Virginia.....	8,887	9,182	88.4	95.5	2.15	2.52	143	152
<b>South Carolina</b>	<b>12,877</b>	<b>12,945</b>	<b>81.4</b>	<b>81.3</b>	<b>.90</b>	<b>.94</b>	<b>142</b>	<b>145</b>
Kentucky.....	10,982	11,287	80.1	79.6	.89	.93	140	144
Tennessee.....	467	359	86.4	100.0	1.06	1.09	156	154
Virginia.....	998	1,041	99.0	100.0	.94	1.04	150	151
West Virginia.....	430	258	67.5	56.7	1.00	.69	143	158
<b>South Dakota</b>	<b>2,059</b>	<b>1,699</b>	<b>81.2</b>	<b>100.0</b>	<b>.69</b>	<b>.82</b>	<b>94</b>	<b>93</b>
Montana.....	1,368	1,699	100.0	100.0	.76	.82	93	93
Wyoming.....	691	-	44.0	-	.55	-	95	-
<b>Tennessee</b>	<b>27,537</b>	<b>27,023</b>	<b>91.7</b>	<b>79.4</b>	<b>1.36</b>	<b>1.44</b>	<b>113</b>	<b>112</b>
Colorado.....	2,784	1,344	95.5	100.0	.42	.43	121	117
Illinois.....	2,643	2,915	85.6	59.9	1.58	1.66	105	108
Kentucky.....	12,817	13,822	90.4	77.0	1.85	1.83	113	113
Pennsylvania.....	898	637	100.0	97.7	1.76	1.60	108	109
Tennessee.....	1,088	1,476	99.5	99.5	1.00	1.17	119	117
Utah.....	1,207	1,446	89.0	47.6	.42	.49	124	124
Virginia.....	2,164	1,924	80.3	87.0	1.21	1.21	130	129
West Virginia.....	-	32	-	-	-	.60	-	137
Wyoming.....	3,936	3,427	100.0	95.2	.36	.37	95	91
<b>Texas</b>	<b>99,939</b>	<b>96,231</b>	<b>92.0</b>	<b>91.1</b>	<b>.86</b>	<b>.95</b>	<b>120</b>	<b>124</b>
Colorado.....	1,310	1,375	87.6	66.5	.38	.37	144	141
Texas.....	48,605	49,219	100.0	100.0	1.52	1.63	101	100
Wyoming.....	50,024	45,467	84.4	82.5	.39	.43	134	142
Imported coal Colombia.....	-	84	-	-	-	.46	-	179
Imported coal Venezuela.....	-	85	-	-	-	.58	-	175
<b>Utah</b>	<b>14,193</b>	<b>14,896</b>	<b>97.9</b>	<b>98.5</b>	<b>.40</b>	<b>.41</b>	<b>103</b>	<b>115</b>
Colorado.....	1,248	1,797	100.0	97.4	.41	.42	162	189
Utah.....	12,945	13,099	97.7	98.7	.40	.41	98	106
<b>Virginia</b>	<b>12,932</b>	<b>12,716</b>	<b>73.1</b>	<b>66.9</b>	<b>1.03</b>	<b>.77</b>	<b>134</b>	<b>138</b>
Kentucky.....	3,140	2,959	68.9	53.2	1.37	.95	141	142
Maryland.....	146	-	100.0	-	3.52	-	88	-
Pennsylvania.....	268	17	-	-	1.91	1.16	139	148
Tennessee.....	7	-	100.0	-	1.22	-	141	-
Virginia.....	7,078	6,868	76.8	74.8	.82	.75	130	134
West Virginia.....	2,292	2,872	74.3	62.6	.96	.64	141	144
<b>Washington</b>	<b>5,486</b>	<b>6,106</b>	<b>72.6</b>	<b>75.7</b>	<b>.91</b>	<b>.72</b>	<b>156</b>	<b>149</b>
Montana.....	1,502	1,482	-	-	.37	.37	123	121
Washington.....	3,984	4,624	100.0	100.0	1.16	.85	171	159
<b>West Virginia</b>	<b>36,780</b>	<b>34,130</b>	<b>81.7</b>	<b>86.0</b>	<b>1.49</b>	<b>1.51</b>	<b>118</b>	<b>122</b>
Kentucky.....	105	32	-	-	.90	.68	102	114
Maryland.....	2,642	3,070	98.2	92.4	1.46	1.41	108	109
Ohio.....	1,376	1,142	100.0	99.0	3.24	3.08	91	89
Pennsylvania.....	4,044	2,891	77.7	93.9	1.25	1.18	106	125
West Virginia.....	28,614	26,995	80.1	84.0	1.44	1.49	122	125
<b>Wisconsin</b>	<b>23,850</b>	<b>23,438</b>	<b>65.1</b>	<b>77.6</b>	<b>.43</b>	<b>.50</b>	<b>102</b>	<b>107</b>
Colorado.....	763	68	68.8	74.7	.43	.46	145	141
Illinois.....	714	828	-	-	.87	.76	135	136
Indiana.....	157	173	-	-	1.20	1.26	144	139
Kentucky.....	58	55	-	-	.80	.61	184	187
Montana.....	642	1,509	83.5	98.5	.37	.58	120	112

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin,  
January-December 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
<b>Wisconsin</b>								
New Mexico.....	228	454	100.0	100.0	0.49	0.49	160	153
Pennsylvania.....	992	2,173	93.7	64.5	1.21	1.15	141	145
West Virginia.....	12	7	-	-	2.35	1.59	141	172
Wyoming.....	20,283	18,171	65.6	81.4	.34	.35	93	96
<b>Wyoming</b> .....	<b>25,396</b>	<b>26,029</b>	<b>98.4</b>	<b>92.2</b>	<b>.58</b>	<b>.61</b>	<b>76</b>	<b>79</b>
Wyoming.....	25,396	26,029	98.4	92.2	.58	.61	76	79
<b>U.S. Total</b> .....	<b>906,758</b>	<b>929,448</b>	<b>81.2</b>	<b>80.6</b>	<b>.99</b>	<b>1.04</b>	<b>122</b>	<b>125</b>

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

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

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

**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-December 1999, 1998**

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)	
	1999	1998	1999	1998	1999	1998	1999	1998
<b>Alabama</b> .....	<b>13,134</b>	<b>16,661</b>	<b>86.3</b>	<b>90.1</b>	<b>0.86</b>	<b>0.90</b>	<b>177</b>	<b>183</b>
Alabama.....	12,867	16,432	88.1	91.3	.85	.89	178	184
Florida.....	72	129	-	-	1.86	.83	133	160
Georgia.....	194	72	-	-	1.28	1.52	127	142
Mississippi.....	-	28	-	-	-	.57	-	148
<b>Arizona</b> .....	<b>12,622</b>	<b>12,183</b>	<b>100.0</b>	<b>100.0</b>	<b>.47</b>	<b>.48</b>	<b>122</b>	<b>120</b>
Arizona.....	8,129	7,680	100.0	100.0	.48	.49	117	117
Nevada.....	4,493	4,503	100.0	100.0	.44	.47	130	126
<b>Colorado</b> .....	<b>24,124</b>	<b>22,687</b>	<b>83.2</b>	<b>89.6</b>	<b>.42</b>	<b>.42</b>	<b>125</b>	<b>124</b>
Alabama.....	30	675	-	71.7	.35	.40	112	118
Arizona.....	525	207	-	-	.40	.42	177	190
Colorado.....	10,442	11,000	88.3	89.7	.42	.41	108	107
Illinois.....	1,066	1,204	98.2	90.4	.45	.44	128	140
Iowa.....	347	515	100.0	94.4	.43	.42	134	132
Kansas.....	587	886	59.6	100.0	.41	.42	136	122
Kentucky.....	3,088	2,841	88.1	99.6	.40	.44	132	128
Louisiana.....	-	52	-	-	-	.42	-	153
Michigan.....	807	672	100.0	91.9	.43	.45	139	142
Minnesota.....	12	-	-	-	.42	-	127	-
Mississippi.....	1,100	-	-	-	.45	-	158	-
Missouri.....	-	30	-	-	-	.54	-	137
Nevada.....	-	20	-	100.0	-	.41	-	196
Oregon.....	14	-	-	-	.43	-	75	-
Tennessee.....	2,784	1,344	95.5	100.0	.42	.43	121	117
Texas.....	1,310	1,375	87.6	66.5	.38	.37	144	141
Utah.....	1,248	1,797	100.0	97.4	.41	.42	162	189
Wisconsin.....	763	68	68.8	74.7	.43	.46	145	141
<b>Illinois</b> .....	<b>34,416</b>	<b>34,961</b>	<b>77.5</b>	<b>72.7</b>	<b>1.86</b>	<b>1.96</b>	<b>131</b>	<b>132</b>
Alabama.....	1,878	1,124	33.4	15.9	1.87	1.78	125	131
Florida.....	8,205	7,466	81.4	83.0	1.73	1.86	151	163
Georgia.....	1,124	677	100.0	100.0	.89	1.13	149	138
Illinois.....	11,652	13,985	93.4	85.0	2.22	2.30	126	123
Indiana.....	4,568	4,043	62.8	63.0	2.12	2.14	114	117
Iowa.....	379	360	44.8	22.8	1.52	2.30	120	114
Kansas.....	-	30	-	100.0	-	2.16	-	128
Kentucky.....	236	246	-	-	2.13	2.06	101	101
Michigan.....	-	25	-	-	-	1.08	-	152
Minnesota.....	23	42	100.0	100.0	.92	1.16	162	161
Mississippi.....	1,413	1,415	98.4	89.9	1.24	1.26	142	141
Missouri.....	1,579	1,803	40.5	41.5	1.61	1.67	139	131
Ohio.....	-	2	-	-	-	.73	-	132
Tennessee.....	2,643	2,915	85.6	59.9	1.58	1.66	105	108
Wisconsin.....	714	828	-	-	.87	.76	135	136
<b>Indiana</b> .....	<b>31,132</b>	<b>33,106</b>	<b>76.6</b>	<b>66.7</b>	<b>2.10</b>	<b>2.09</b>	<b>107</b>	<b>110</b>
Alabama.....	-	61	-	-	-	3.13	-	110
Florida.....	-	30	-	100.0	-	2.79	-	125
Illinois.....	440	1,625	38.6	63.5	1.80	.90	143	152
Indiana.....	28,428	28,750	76.2	65.6	2.05	2.11	106	108
Iowa.....	-	90	-	100.0	-	1.23	-	125
Kentucky.....	1,868	2,022	99.6	95.5	3.02	2.93	99	97
Michigan.....	156	120	46.1	100.0	2.09	2.11	132	138
Minnesota.....	83	69	99.9	-	.76	1.16	157	150
Missouri.....	-	148	-	-	-	.60	-	131
Ohio.....	-	19	-	-	-	1.07	-	114
Wisconsin.....	157	173	-	-	1.20	1.26	144	139
<b>Kansas</b> .....	<b>402</b>	<b>353</b>	<b>-</b>	<b>100.0</b>	<b>3.70</b>	<b>3.73</b>	<b>104</b>	<b>102</b>
Kansas.....	400	353	-	100.0	3.71	3.73	104	102
Missouri.....	2	-	-	-	3.21	-	124	-
<b>Kentucky</b> .....	<b>108,264</b>	<b>120,492</b>	<b>76.0</b>	<b>65.5</b>	<b>1.27</b>	<b>1.28</b>	<b>133</b>	<b>135</b>
Alabama.....	3,429	4,454	79.4	72.0	1.84	1.68	115	120
Connecticut.....	-	456	-	90.6	-	.38	-	183
Delaware.....	31	92	65.9	100.0	.52	.53	175	172
Florida.....	11,247	13,443	72.8	65.9	1.09	1.18	166	168
Georgia.....	15,388	16,043	75.3	57.2	.77	.82	152	149
Illinois.....	102	98	100.0	90.8	1.86	2.31	125	119
Indiana.....	1,957	1,406	40.3	42.6	.91	1.16	120	121
Iowa.....	21	195	-	38.2	2.51	2.06	117	118
Kentucky.....	21,324	24,333	76.1	59.1	2.35	2.29	102	104
Maryland.....	334	485	100.0	100.0	.57	.58	141	146

See footnotes at end of table.



**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-December 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
<b>Kentucky</b>								
Massachusetts.....	215	558	74.3	86.7	0.57	0.50	179	180
Michigan.....	4,140	4,440	44.2	60.7	.68	.68	145	151
Minnesota.....	*	1	—	—	.74	1.07	150	150
Mississippi.....	1,043	967	99.6	98.4	.72	.73	189	197
Missouri.....	43	43	100.0	65.7	.99	1.50	195	192
New Hampshire.....	10	—	100.0	—	1.90	—	160	—
New Jersey.....	151	110	93.5	74.1	.62	.58	146	151
New York.....	354	999	97.5	82.8	.47	.50	181	180
North Carolina.....	12,198	15,721	80.0	69.3	.73	.77	143	142
Ohio.....	9,132	8,492	70.5	52.5	.70	.74	121	124
Pennsylvania.....	41	—	—	—	.87	—	143	—
South Carolina.....	10,982	11,287	80.1	79.6	.89	.93	140	144
Tennessee.....	12,817	13,822	90.4	77.0	1.85	1.83	113	113
Virginia.....	3,140	2,959	68.9	53.2	1.37	.95	141	142
West Virginia.....	105	32	—	—	.90	.68	102	114
Wisconsin.....	58	55	—	—	.80	.61	184	187
<b>Louisiana</b>	<b>2,810</b>	<b>3,432</b>	<b>100.0</b>	<b>100.0</b>	<b>1.32</b>	<b>1.32</b>	<b>134</b>	<b>137</b>
Louisiana.....	2,810	3,432	100.0	100.0	1.32	1.32	134	137
<b>Maryland</b>	<b>3,139</b>	<b>3,951</b>	<b>92.7</b>	<b>91.9</b>	<b>1.50</b>	<b>1.35</b>	<b>110</b>	<b>123</b>
Delaware.....	123	170	100.0	100.0	1.12	1.11	145	146
Maryland.....	227	678	20.0	92.0	1.14	1.14	131	176
Pennsylvania.....	—	32	—	—	—	.99	—	131
Virginia.....	146	—	100.0	—	3.52	—	88	—
West Virginia.....	2,642	3,070	98.2	92.4	1.46	1.41	108	109
<b>Missouri</b>	<b>196</b>	<b>193</b>	<b>100.0</b>	<b>97.1</b>	<b>3.20</b>	<b>2.90</b>	<b>123</b>	<b>118</b>
Kansas.....	—	21	—	100.0	—	3.05	—	127
Missouri.....	196	172	100.0	96.7	3.20	2.89	123	117
<b>Montana</b>	<b>36,333</b>	<b>40,195</b>	<b>92.6</b>	<b>92.3</b>	<b>.59</b>	<b>.59</b>	<b>115</b>	<b>117</b>
Arizona.....	70	94	—	—	.35	.39	123	132
Illinois.....	1,659	1,713	100.0	100.0	.36	.35	162	220
Iowa.....	116	141	10.6	15.9	.36	.34	144	139
Kansas.....	1,319	378	100.0	100.0	.37	.37	90	93
Michigan.....	9,314	10,739	95.3	92.5	.37	.39	146	145
Minnesota.....	8,616	9,486	94.7	95.1	.67	.66	111	110
Mississippi.....	1,949	2,831	100.0	95.9	.39	.39	148	147
Montana.....	9,777	10,123	100.0	100.0	.90	.88	74	68
South Dakota.....	1,368	1,699	100.0	100.0	.76	.82	93	93
Washington.....	1,502	1,482	—	—	.37	.37	123	121
Wisconsin.....	642	1,509	83.5	98.5	.37	.58	120	112
<b>New Mexico</b>	<b>27,144</b>	<b>26,899</b>	<b>93.5</b>	<b>93.0</b>	<b>.75</b>	<b>.75</b>	<b>138</b>	<b>137</b>
Arizona.....	10,857	10,593	83.8	82.4	.59	.58	144	146
Colorado.....	—	11	—	—	—	.43	—	127
New Mexico.....	16,059	15,841	100.0	100.0	.87	.88	133	131
Wisconsin.....	228	454	100.0	100.0	.49	.49	160	153
<b>North Dakota</b>	<b>24,649</b>	<b>24,138</b>	<b>100.0</b>	<b>100.0</b>	<b>1.15</b>	<b>1.16</b>	<b>73</b>	<b>76</b>
North Dakota.....	24,649	24,138	100.0	100.0	1.15	1.16	73	76
<b>Ohio</b>	<b>20,392</b>	<b>23,270</b>	<b>85.8</b>	<b>82.7</b>	<b>2.96</b>	<b>3.01</b>	<b>141</b>	<b>143</b>
Indiana.....	389	945	—	—	3.78	3.44	108	110
Iowa.....	*	11	—	—	3.31	3.31	140	140
Kentucky.....	172	659	35.1	92.4	3.30	3.50	86	93
Michigan.....	131	153	30.7	32.9	2.58	2.67	155	158
New Hampshire.....	7	—	—	—	1.87	—	158	—
New Jersey.....	16	—	—	—	1.94	—	155	—
New York.....	—	5	—	—	—	3.16	—	128
Ohio.....	18,261	20,143	87.5	85.6	2.92	2.97	146	149
Pennsylvania.....	42	212	100.0	100.0	2.75	3.05	173	165
West Virginia.....	1,376	1,142	100.0	99.0	3.24	3.08	91	89
<b>Oklahoma</b>	<b>193</b>	<b>162</b>	<b>94.7</b>	<b>100.0</b>	<b>2.89</b>	<b>2.76</b>	<b>110</b>	<b>109</b>
Kansas.....	66	75	100.0	100.0	2.71	2.71	119	119
Missouri.....	15	—	33.2	—	2.80	—	130	—
Oklahoma.....	112	87	100.0	100.0	3.01	2.81	102	102
<b>Pennsylvania</b>	<b>45,211</b>	<b>58,095</b>	<b>74.1</b>	<b>69.7</b>	<b>1.45</b>	<b>1.43</b>	<b>124</b>	<b>132</b>
Alabama.....	59	39	100.0	100.0	1.96	1.63	113	112
Delaware.....	324	523	100.0	97.5	1.02	1.01	143	142
Florida.....	93	—	100.0	—	1.42	—	138	—
Indiana.....	635	699	90.2	90.4	1.58	1.55	112	107
Iowa.....	22	11	—	—	1.08	1.00	161	140
Kentucky.....	402	75	3.5	71.6	1.33	1.72	116	109

See footnotes at end of table.

**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-December 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
<b>Pennsylvania</b>								
Maryland.....	3,114	3,249	71.7	18.4	1.15	1.11	137	147
Massachusetts.....	65	183	74.8	100.0	.97	1.11	162	161
Michigan.....	2,575	3,730	83.8	44.4	1.12	1.15	122	125
Mississippi.....	-	7	-	100.0	-	1.12	-	142
New Hampshire.....	638	814	97.9	98.2	1.22	1.13	158	166
New Jersey.....	-	*	-	100.0	-	.61	-	192
New York.....	1,799	3,770	78.7	79.7	1.41	1.26	137	137
Ohio.....	4,343	4,755	17.3	39.9	1.53	1.42	110	126
Pennsylvania.....	24,940	34,522	81.1	76.4	1.56	1.57	126	130
Tennessee.....	898	637	100.0	97.7	1.76	1.60	108	109
Virginia.....	268	17	-	-	1.91	1.16	139	148
West Virginia.....	4,044	2,891	77.7	93.9	1.25	1.18	106	125
Wisconsin.....	992	2,173	93.7	64.5	1.21	1.15	141	145
<b>Tennessee</b>	<b>1,990</b>	<b>2,435</b>	<b>96.6</b>	<b>97.8</b>	<b>.95</b>	<b>1.04</b>	<b>132</b>	<b>128</b>
Alabama.....	429	553	100.0	100.0	.72	.71	137	137
Georgia.....	-	48	-	-	-	.50	-	155
South Carolina.....	467	359	86.4	100.0	1.06	1.09	156	154
Tennessee.....	1,088	1,476	99.5	99.5	1.00	1.17	119	117
Virginia.....	7	-	100.0	-	1.22	-	141	-
<b>Texas</b>	<b>48,605</b>	<b>49,342</b>	<b>100.0</b>	<b>100.0</b>	<b>1.52</b>	<b>1.63</b>	<b>101</b>	<b>100</b>
Louisiana.....	-	123	-	100.0	-	2.34	-	132
Texas.....	48,605	49,219	100.0	100.0	1.52	1.63	101	100
<b>Utah</b>	<b>18,458</b>	<b>18,933</b>	<b>89.5</b>	<b>88.0</b>	<b>.40</b>	<b>.40</b>	<b>107</b>	<b>115</b>
Illinois.....	338	818	100.0	93.5	.43	.40	138	158
Kansas.....	3	-	-	-	.36	-	148	-
Kentucky.....	-	22	-	100.0	-	.50	-	139
Michigan.....	-	37	-	-	-	.44	-	141
Missouri.....	93	-	-	-	.36	-	117	-
Nebraska.....	3	-	-	-	.23	-	127	-
Nevada.....	3,582	3,512	68.9	64.6	.38	.35	128	135
Oregon.....	287	-	-	-	.46	-	103	-
Tennessee.....	1,207	1,446	89.0	47.6	.42	.49	124	124
Utah.....	12,945	13,099	97.7	98.7	.40	.41	98	106
<b>Virginia</b>	<b>19,700</b>	<b>16,818</b>	<b>75.6</b>	<b>76.5</b>	<b>.78</b>	<b>.77</b>	<b>143</b>	<b>144</b>
Alabama.....	61	35	-	-	.65	.67	138	139
Delaware.....	213	145	77.6	100.0	.57	.58	174	177
Florida.....	818	789	96.3	94.6	.60	.62	202	206
Georgia.....	5,503	3,447	63.9	57.1	.68	.69	152	153
Indiana.....	997	813	89.7	100.0	.50	.52	157	160
Maryland.....	65	-	-	-	.82	-	153	-
Massachusetts.....	8	-	-	-	.49	-	147	-
New Jersey.....	716	760	97.2	96.2	.51	.52	141	154
North Carolina.....	659	408	42.2	7.1	.69	.79	144	137
Ohio.....	400	586	100.0	100.0	.51	.54	133	125
Pennsylvania.....	20	-	-	-	.82	-	144	-
South Carolina.....	998	1,041	99.0	100.0	.94	1.04	150	151
Tennessee.....	2,164	1,924	80.3	87.0	1.21	1.21	130	129
Virginia.....	7,078	6,868	76.8	74.8	.82	.75	130	134
<b>Washington</b>	<b>3,984</b>	<b>4,624</b>	<b>100.0</b>	<b>100.0</b>	<b>1.16</b>	<b>.85</b>	<b>171</b>	<b>159</b>
Washington.....	3,984	4,624	100.0	100.0	1.16	.85	171	159
<b>West Virginia</b>	<b>103,686</b>	<b>106,110</b>	<b>75.3</b>	<b>79.4</b>	<b>1.19</b>	<b>1.23</b>	<b>136</b>	<b>138</b>
Alabama.....	457	1,494	3.0	48.3	2.20	1.53	113	131
Connecticut.....	-	95	-	84.2	-	.46	-	182
Delaware.....	513	814	86.3	95.9	.57	.56	165	162
Florida.....	2,343	2,241	38.1	52.3	1.33	1.34	151	165
Georgia.....	3,831	4,888	83.7	77.1	.57	.62	180	180
Indiana.....	2,516	2,332	51.7	40.4	1.11	1.16	119	117
Iowa.....	22	1	-	-	1.08	2.08	161	164
Kentucky.....	7,486	6,519	66.0	71.3	1.40	1.52	108	108
Maryland.....	7,373	6,433	97.8	89.5	.75	.80	139	142
Massachusetts.....	279	1,793	6.0	74.0	.59	.56	174	168
Michigan.....	5,293	4,913	54.1	54.2	.88	.93	143	152
New Hampshire.....	174	229	95.0	100.0	1.67	1.75	152	161
New Jersey.....	1,710	1,403	92.1	76.8	1.03	1.10	147	163
New York.....	1,268	3,930	78.5	90.5	1.71	1.75	138	137
North Carolina.....	12,718	11,689	79.8	86.3	.63	.65	145	147
Ohio.....	17,470	17,992	65.9	77.8	1.03	.92	143	133
Pennsylvania.....	8,887	9,182	88.4	95.5	2.15	2.52	143	152

See footnotes at end of table.

**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-December 1999, 1998 (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)	
	1999	1998	1999	1998	1999	1998	1999	1998
<b>West Virginia</b>								
South Carolina.....	430	258	67.5	56.7	1.00	0.69	143	158
Tennessee.....	-	32	-	-	-	.60	-	137
Virginia.....	2,292	2,872	74.3	62.6	.96	.64	141	144
West Virginia.....	28,614	26,995	80.1	84.0	1.44	1.49	122	125
Wisconsin.....	12	7	-	-	2.35	1.59	141	172
<b>Wyoming</b>	<b>321,204</b>	<b>304,562</b>	<b>78.8</b>	<b>81.6</b>	<b>.38</b>	<b>.39</b>	<b>107</b>	<b>110</b>
Alabama.....	10,332	6,053	85.0	99.8	.39	.31	117	119
Arizona.....	132	251	-	-	.31	.29	120	119
Arkansas.....	15,406	14,173	90.5	91.7	.31	.34	146	147
Colorado.....	7,947	7,051	95.0	98.2	.35	.35	84	83
Florida.....	430	1,064	-	-	.22	.46	126	134
Georgia.....	6,821	6,158	-	-	.39	.42	152	150
Illinois.....	20,983	20,425	68.0	85.7	.38	.34	156	179
Indiana.....	17,435	18,103	90.3	84.7	.33	.34	113	116
Iowa.....	20,566	20,333	71.2	74.6	.44	.45	79	84
Kansas.....	17,178	16,702	70.7	99.0	.40	.42	94	96
Kentucky.....	768	245	60.5	71.0	.32	.35	104	98
Louisiana.....	11,044	10,134	100.0	99.7	.59	.54	141	143
Michigan.....	10,864	10,078	93.5	84.7	.31	.34	102	99
Minnesota.....	7,825	8,317	91.9	98.5	.28	.29	107	103
Mississippi.....	201	463	100.0	-	.48	.48	136	132
Missouri.....	35,522	36,392	55.7	61.3	.28	.31	89	89
Montana.....	640	397	100.0	100.0	.24	.28	59	54
Nebraska.....	11,968	11,940	90.1	79.0	.35	.32	55	59
North Dakota.....	*	61	-	100.0	.90	.46	54	78
Ohio.....	1,897	1,452	-	9.9	.28	.36	116	121
Oklahoma.....	20,888	19,660	100.0	96.8	.33	.33	91	91
Oregon.....	2,025	2,014	-	-	.43	.37	109	109
South Dakota.....	691	-	44.0	-	.55	-	95	-
Tennessee.....	3,936	3,427	100.0	95.2	.36	.37	95	91
Texas.....	50,024	45,467	84.4	82.5	.39	.43	134	142
Wisconsin.....	20,283	18,171	65.6	81.4	.34	.35	93	96
Wyoming.....	25,396	26,029	98.4	92.2	.58	.61	76	79
<b>Imported Coal</b>	<b>4,969</b>	<b>5,845</b>	<b>38.8</b>	<b>56.3</b>	<b>.48</b>	<b>.51</b>	<b>149</b>	<b>156</b>
<b>Poland</b>	<b>4</b>	<b>-</b>	<b>100.0</b>	<b>-</b>	<b>.61</b>	<b>-</b>	<b>193</b>	<b>-</b>
New Jersey.....	4	-	100.0	-	.61	-	193	-
<b>Australia</b>	<b>63</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>.58</b>	<b>-</b>	<b>124</b>	<b>-</b>
Florida.....	63	-	-	-	.58	-	124	-
<b>Colombia</b>	<b>2,439</b>	<b>2,530</b>	<b>54.1</b>	<b>77.8</b>	<b>.48</b>	<b>.54</b>	<b>150</b>	<b>152</b>
Alabama.....	553	-	47.4	-	.47	-	162	-
Florida.....	1,119	1,909	91.2	76.8	.56	.55	148	146
Maryland.....	29	-	-	-	.57	-	132	-
Massachusetts.....	-	467	-	100.0	-	.51	-	170
Mississippi.....	701	-	-	-	.36	-	146	-
New Hampshire.....	-	35	-	-	-	.49	-	173
New York.....	36	35	100.0	100.0	.47	.47	162	170
Texas.....	-	84	-	-	-	.46	-	179
<b>Venezuela</b>	<b>2,076</b>	<b>2,416</b>	<b>29.1</b>	<b>39.3</b>	<b>.52</b>	<b>.57</b>	<b>150</b>	<b>155</b>
Connecticut.....	35	106	-	-	.45	.46	169	171
Florida.....	494	235	16.7	-	.45	.58	153	159
Georgia.....	434	414	-	-	.60	.81	139	145
Massachusetts.....	-	472	-	100.0	-	.53	-	153
Mississippi.....	16	174	-	-	.62	.60	142	140
New Hampshire.....	507	331	-	-	.52	.51	143	148
New Jersey.....	1	39	100.0	-	.61	.52	193	155
New York.....	589	559	88.2	85.4	.51	.48	160	167
Texas.....	-	85	-	-	-	.58	-	175
<b>Indonesia</b>	<b>388</b>	<b>900</b>	<b>-</b>	<b>41.5</b>	<b>.13</b>	<b>.18</b>	<b>131</b>	<b>167</b>
Florida.....	388	597	-	62.6	.13	.22	131	157
Louisiana.....	-	303	-	-	-	.09	-	188
<b>U.S. Total</b>	<b>906,758</b>	<b>929,448</b>	<b>81.2</b>	<b>80.6</b>	<b>.99</b>	<b>1.04</b>	<b>122</b>	<b>125</b>

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

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

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

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

Census Division	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	1,954	1,901	2,027	7,784	8,430	-7.7
<b>East North Central Total</b> .....	3,530	3,346	3,160	13,524	12,442	8.7
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	916	935	917	3,571	3,777	-5.4
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>7,294</b>	<b>6,943</b>	<b>6,999</b>	<b>28,155</b>	<b>28,354</b>	<b>-7</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	\$44.47	\$43.90	\$45.01	\$44.33	\$44.16	0.4
<b>East North Central Total</b> .....	47.18	46.54	48.19	47.74	48.39	-1.3
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	\$43.80	\$43.89	\$46.22	\$45.28	\$46.43	-2.5
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>\$45.57</b>	<b>\$44.92</b>	<b>\$46.17</b>	<b>\$45.85</b>	<b>\$46.06</b>	<b>-5</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Connecticut .....	-	-	-	-	-	-
Maine .....	w	w	w	w	w	w
Massachusetts .....	w	w	w	w	w	w
New Hampshire .....	-	-	-	-	-	-
Rhode Island .....	-	-	-	-	-	-
Vermont .....	-	27	27	80	107	-25.0
<b>Middle Atlantic Total</b> .....	<b>1,291</b>	<b>1,309</b>	<b>1,301</b>	<b>5,009</b>	<b>5,136</b>	<b>-2.5</b>
New Jersey.....	w	w	w	w	w	w
New York .....	w	w	w	w	w	w
Pennsylvania .....	938	828	912	3,566	3,587	-6
<b>East North Central Total</b> .....	<b>3,917</b>	<b>3,673</b>	<b>4,086</b>	<b>14,644</b>	<b>15,569</b>	<b>-5.9</b>
Illinois .....	963	861	970	3,547	3,870	-8.4
Indiana.....	1,072	1,022	1,015	4,117	4,289	-4.0
Michigan .....	675	475	724	1,926	2,074	-7.1
Ohio.....	706	857	899	3,374	3,669	-8.0
Wisconsin.....	500	459	477	1,680	1,667	.8
<b>West North Central Total</b> .....	<b>3,434</b>	<b>3,391</b>	<b>3,599</b>	<b>13,375</b>	<b>13,344</b>	<b>.2</b>
Iowa.....	605	892	672	2,986	3,002	-5
Kansas .....	32	30	25	112	113	-1.2
Minnesota.....	513	388	566	1,635	1,691	-3.3
Missouri .....	272	322	305	1,182	1,206	-2.0
Nebraska .....	w	w	w	w	w	w
North Dakota .....	w	w	w	w	w	w
South Dakota .....	141	131	123	496	454	9.3
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware .....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida .....	311	310	303	1,222	1,321	-7.5
Georgia.....	485	489	469	1,954	1,973	-1.0
Maryland.....	201	189	213	777	773	.5
North Carolina .....	451	396	476	1,752	1,915	-8.5
South Carolina .....	451	465	515	1,817	1,973	-7.9
Virginia .....	575	505	569	2,233	2,315	-3.5
West Virginia.....	414	385	432	1,540	1,619	-4.9
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	549	643	676	2,364	2,582	-8.5
Kentucky .....	278	383	419	1,507	1,818	-17.1
Mississippi .....	w	w	w	w	w	w
Tennessee.....	891	796	875	3,447	3,601	-4.3
<b>West South Central Total</b> .....	<b>1,433</b>	<b>1,472</b>	<b>1,439</b>	<b>5,795</b>	<b>5,865</b>	<b>-1.2</b>
Arkansas.....	86	97	79	331	284	16.6
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas .....	1,172	1,199	1,206	4,690	4,815	-2.6
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	173	148	192	665	739	-10.1
Colorado.....	94	88	104	362	363	-3
Idaho .....	118	92	101	381	423	-9.9
Montana .....	w	w	w	w	w	w
Nevada .....	w	w	w	w	w	w
New Mexico .....	w	w	w	w	w	w
Utah.....	206	291	228	903	853	5.9
Wyoming.....	485	444	512	1,921	1,953	-1.7
<b>Pacific Total</b> .....	<b>666</b>	<b>779</b>	<b>778</b>	<b>2,978</b>	<b>3,049</b>	<b>-2.3</b>
Alaska .....	w	w	w	w	w	w
California .....	634	713	716	2,759	2,753	.2
Hawaii .....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>16,683</b>	<b>16,463</b>	<b>17,589</b>	<b>65,563</b>	<b>68,252</b>	<b>-3.9</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	w	w	w	w	w	w
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>\$34.82</b>	<b>\$36.12</b>	<b>\$36.23</b>	<b>\$35.65</b>	<b>\$36.53</b>	<b>-2.4</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	\$32.68	\$33.23	\$33.81	\$33.64	\$34.33	-2.0
<b>East North Central Total</b> .....	<b>\$34.20</b>	<b>\$32.83</b>	<b>\$34.32</b>	<b>\$33.34</b>	<b>\$33.22</b>	<b>.4</b>
Illinois.....	29.91	29.84	29.85	29.61	29.46	.5
Indiana.....	30.53	29.72	30.77	30.33	30.21	.4
Michigan.....	40.06	39.85	40.97	40.05	40.41	-9.9
Ohio.....	37.07	32.46	34.82	34.44	33.52	2.7
Wisconsin.....	38.54	39.05	40.16	38.99	40.42	-3.5
<b>West North Central Total</b> .....	<b>18.33</b>	<b>19.31</b>	<b>18.47</b>	<b>18.79</b>	<b>18.72</b>	<b>.3</b>
Iowa.....	26.46	29.85	27.34	28.22	28.19	.1
Kansas.....	35.43	31.71	32.17	33.01	31.08	6.2
Minnesota.....	30.21	28.52	28.02	31.02	29.70	4.4
Missouri.....	30.27	29.23	30.31	29.87	30.48	-2.0
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	\$24.05	\$25.39	\$25.00	\$25.71	\$23.99	7.1
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	\$38.59	\$44.64	\$44.48	\$42.62	\$44.62	-4.5
Georgia.....	43.50	44.17	44.48	44.12	44.54	-9.9
Maryland.....	32.22	32.09	31.99	32.00	32.41	-1.2
North Carolina.....	41.87	41.17	42.59	41.68	42.72	-2.4
South Carolina.....	44.78	43.32	43.80	44.13	44.03	.2
Virginia.....	43.20	43.14	42.87	42.93	43.61	-1.5
West Virginia.....	33.63	33.45	48.94	37.86	48.24	-21.5
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	\$39.89	\$39.62	\$39.32	\$39.81	\$39.49	.8
Kentucky.....	42.14	41.47	43.45	42.72	43.66	-2.1
Mississippi.....	w	w	w	w	w	w
Tennessee.....	\$34.36	\$34.69	\$36.25	\$35.26	\$36.62	-3.7
<b>West South Central Total</b> .....	<b>22.46</b>	<b>22.88</b>	<b>23.78</b>	<b>22.89</b>	<b>22.91</b>	<b>-1.1</b>
Arkansas.....	43.97	43.62	42.05	43.10	41.58	3.7
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	\$20.50	\$20.65	\$21.66	\$21.01	\$21.05	-2.2
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	\$39.44	\$40.51	\$38.28	\$39.88	\$38.67	3.1
Colorado.....	24.05	23.87	23.32	23.99	23.75	1.0
Idaho.....	w	w	w	w	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.....	\$19.07	\$19.62	\$18.99	\$21.53	\$19.05	13.0
Wyoming.....	24.31	24.31	24.13	24.25	24.10	.6
<b>Pacific Total</b> .....	<b>38.98</b>	<b>41.98</b>	<b>42.68</b>	<b>41.08</b>	<b>43.12</b>	<b>-4.7</b>
Alaska.....	w	w	w	w	w	w
California.....	\$39.30	\$40.35	\$40.61	\$39.82	\$41.02	-2.9
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>\$31.28</b>	<b>\$31.44</b>	<b>\$32.28</b>	<b>\$31.59</b>	<b>\$32.30</b>	<b>-2.2</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

NAICS Code	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
311 Food Manufacturing.....	2,034	1,841	2,006	7,639	7,662	-0.3
312 Beverage and Tobacco Product Mfg.....	116	105	132	473	519	-8.9
313 Textile Mills.....	200	162	224	722	805	-10.3
315 Apparel Manufacturing.....	w	w	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	-	-	-	-
321 Wood Product Manufacturing.....	w	w	w	w	w	w
322 Paper Manufacturing.....	3,269	2,923	3,215	12,035	12,333	-2.4
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w	w	w
325 Chemical Manufacturing.....	2,868	2,602	2,911	11,082	11,656	-4.9
326 Plastics and Rubber Products Mfg.....	46	43	44	174	185	-5.7
327 Nonmetallic Mineral Products Mfg.....	3,579	3,498	3,452	13,189	13,253	-5
331 Primary Metal Manufacturing <sup>2</sup> .....	1,880	2,061	2,039	7,663	8,224	-6.8
332 Fabricated Metal Product Mfg.....	53	9	72	115	225	-49.0
333 Machinery Manufacturing.....	62	58	86	220	265	-17.0
334 Computer and Electronic Product Mfg.....	w	w	w	w	w	w
335 Elec. Equip., Appl., Component Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	178	97	183	624	632	-1.3
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w	w	w
<b>U.S. Total.....</b>	<b>16,274</b>	<b>15,259</b>	<b>16,386</b>	<b>61,544</b>	<b>63,439</b>	<b>-3.0</b>

<sup>1</sup> Includes coal gasification projects.

<sup>2</sup> Excludes coke plants.

w Withheld to avoid disclosure of individual company data.

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

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

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

NAICS Code	October - December 1999	July - September 1999	October - December 1998	Percent Difference October - December: 1999 versus 1998
311 Food Manufacturing.....	\$29.30	\$31.14	\$29.81	-1.7
312 Beverage and Tobacco Product Mfg.....	44.25	44.69	44.53	-6
313 Textile Mills.....	47.17	46.83	48.09	-1.9
315 Apparel Manufacturing.....	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	-	-
321 Wood Product Manufacturing.....	w	w	w	w
322 Paper Manufacturing.....	\$38.48	\$39.07	\$39.93	-3.6
323 Printing and Related Support.....	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w
325 Chemical Manufacturing.....	\$33.79	\$34.32	\$35.66	-5.2
326 Plastics and Rubber Products Mfg.....	32.00	30.82	31.35	2.1
327 Nonmetallic Mineral Products Mfg.....	34.83	35.24	35.59	-2.1
331 Primary Metal Manufacturing <sup>2</sup> .....	24.90	23.32	26.12	-4.7
332 Fabricated Metal Product Mfg.....	46.16	56.10	46.08	.2
333 Machinery Manufacturing.....	34.07	40.40	37.14	-8.3
334 Computer and Electronic Product Mfg.....	w	w	w	w
335 Elec. Equip., Appl., Component Mfg.....	w	w	w	w
336 Transportation Equipment Mfg.....	\$39.16	\$38.44	\$40.00	-2.1
337 Furniture and Related Product Mfg.....	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w
<b>U.S. Total.....</b>	<b>\$31.28</b>	<b>\$31.44</b>	<b>\$32.28</b>	<b>-3.1</b>

<sup>1</sup> Includes coal gasification projects.

<sup>2</sup> Excludes coke plants.

w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>13</b>	<b>9</b>	<b>13</b>	<b>44</b>	<b>44</b>	<b>0.0</b>
Connecticut.....	2	1	2	6	6	.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	2	2	.0
Vermont.....	1	*	1	2	2	.0
<b>Middle Atlantic Total</b> .....	<b>298</b>	<b>199</b>	<b>298</b>	<b>993</b>	<b>993</b>	<b>.0</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	252	168	252	841	841	.0
<b>East North Central Total</b> .....	<b>382</b>	<b>254</b>	<b>382</b>	<b>1,272</b>	<b>1,272</b>	<b>.0</b>
Illinois.....	71	47	71	237	237	.0
Indiana.....	111	74	111	371	371	.0
Michigan.....	43	29	43	145	145	.0
Ohio.....	117	78	117	391	391	.0
Wisconsin.....	38	26	38	128	128	.0
<b>West North Central Total</b> .....	<b>182</b>	<b>121</b>	<b>182</b>	<b>606</b>	<b>606</b>	<b>.0</b>
Iowa.....	84	56	84	279	279	.0
Kansas.....	*	*	*	*	*	.0
Minnesota.....	12	8	12	42	42	.0
Missouri.....	50	33	50	166	166	.0
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	*	*	*	*	*	.0
<b>South Atlantic Total</b> .....	<b>192</b>	<b>128</b>	<b>192</b>	<b>640</b>	<b>640</b>	<b>.0</b>
Delaware.....	w	w	w	w	w	w
District of Columbia.....	2	1	2	6	6	.0
Florida.....	2	1	2	6	6	.0
Georgia.....	3	2	3	11	11	.0
Maryland.....	16	11	16	53	53	.0
North Carolina.....	60	40	60	200	200	.0
South Carolina.....	7	5	7	23	23	.0
Virginia.....	52	34	52	172	172	.0
West Virginia.....	49	32	49	162	162	.0
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	3	2	3	9	9	.0
Kentucky.....	70	46	70	232	232	.0
Mississippi.....	w	w	w	w	w	w
Tennessee.....	7	5	7	25	25	.0
<b>West South Central Total</b> .....	<b>4</b>	<b>3</b>	<b>4</b>	<b>15</b>	<b>15</b>	<b>.0</b>
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	4	3	4	14	14	.0
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	*	*	*	*	*	.0
Colorado.....	5	4	5	18	18	.0
Idaho.....	17	12	17	58	58	.0
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	34	23	34	113	113	.0
Wyoming.....	48	32	48	159	159	.0
<b>Pacific Total</b> .....	<b>198</b>	<b>132</b>	<b>198</b>	<b>659</b>	<b>659</b>	<b>.0</b>
Alaska.....	w	w	w	w	w	w
California.....	35	23	35	115	115	.0
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	4	3	4	14	14	.0
<b>U.S. Total</b> .....	<b>1,457</b>	<b>971</b>	<b>1,457</b>	<b>4,856</b>	<b>4,856</b>	<b>.0</b>

\* 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 1993-1999**  
(Thousand Short Tons)

Year and Quarter	Electric Utilities	Coke Plants	Other Industrial	Residential and Commercial	Other Power Producers <sup>1</sup>	Total
1993						
January - March.....	200,285	7,783	19,281	1,817	E 4,472	233,638
April - June.....	187,746	7,886	17,834	1,354	E 4,522	219,342
July - September.....	223,142	7,960	17,675	1,094	E 4,572	254,443
October - December.....	202,335	7,694	20,102	1,956	E 4,572	236,658
<b>Total.....</b>	<b>813,508</b>	<b>31,323</b>	<b>74,892</b>	<b>6,221</b>	<b>18,137</b>	<b>944,081</b>
1994						
January - March.....	207,915	7,754	19,911	2,016	E 5,242	242,838
April - June.....	196,254	7,965	17,739	1,187	E 5,300	228,446
July - September.....	218,616	7,945	18,123	1,135	E 5,359	251,179
October - December.....	194,484	8,077	19,405	1,674	E 5,359	228,999
<b>Total.....</b>	<b>817,270</b>	<b>31,740</b>	<b>75,179</b>	<b>6,013</b>	<b>21,260</b>	<b>951,461</b>
1995						
January - March.....	198,782	8,140	19,135	1,638	E 5,217	232,912
April - June.....	191,107	8,291	17,066	1,032	E 5,275	222,771
July - September.....	232,033	8,330	17,990	1,063	E 5,333	264,749
October - December.....	207,085	8,251	18,864	2,074	E 5,333	241,607
<b>Total.....</b>	<b>829,007</b>	<b>33,011</b>	<b>73,055</b>	<b>5,807</b>	<b>21,158</b>	<b>962,039</b>
1996						
January - March.....	214,987	7,958	18,612	1,802	E 5,529	248,889
April - June.....	203,210	7,965	16,888	1,201	E 5,529	234,794
July - September.....	233,609	8,016	16,831	1,201	E 5,590	265,247
October - December.....	222,875	7,767	18,610	1,802	E 5,590	256,643
<b>Total.....</b>	<b>874,681</b>	<b>31,706</b>	<b>70,941</b>	<b>6,006</b>	<b>22,239</b>	<b>1,005,573</b>
1997						
January - March.....	218,753	7,590	18,351	1,939	E 5,327	251,960
April - June.....	207,661	7,410	17,099	1,293	E 5,386	238,849
July - September.....	243,691	7,700	16,781	1,293	E 5,445	274,909
October - December.....	230,256	7,503	18,368	1,939	E 5,445	263,511
<b>Total.....</b>	<b>900,361</b>	<b>30,203</b>	<b>70,599</b>	<b>6,463</b>	<b>21,603</b>	<b>1,029,228</b>
1998						
January - March.....	220,433	6,735	17,892	1,457	E 5,736	252,253
April - June.....	218,356	7,239	16,734	971	E 5,905	249,205
July - September.....	252,331	7,172	16,230	971	E 7,140	283,844
October - December.....	219,746	7,042	17,264	1,457	E 8,161	253,669
<b>Total.....</b>	<b>910,867</b>	<b>28,189</b>	<b>68,120</b>	<b>4,856</b>	<b>26,941</b>	<b>1,038,972</b>
1999						
January - March.....	216,439	6,795	17,159	1,457	E 8,357	250,206
April - June.....	213,753	7,072	16,174	971	E 10,289	248,260
July - September.....	247,270	7,024	15,972	971	E 12,345	283,582
October - December.....	216,659	7,216	16,172	1,457	E 14,959	256,463
<b>Total.....</b>	<b>894,120</b>	<b>28,108</b>	<b>65,478</b>	<b>4,856</b>	<b>45,950</b>	<b>1,038,512</b>

<sup>1</sup> Coal consumed by independent power producers and cogeneration plants not included in the other industrial, coke, and commercial sectors.

E Estimated.

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

Sources: Energy Information Administration (EIA) • Electric Utilities: Form EIA-759, "Monthly Power Plant Report" • Coke Plants: Form EIA-5, "Coke Plant Report - Quarterly" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants;" Form EIA-867, "Annual Non-utility Power Producer Report;" and Form EIA-7A, "Coal Production Report." • Residential and Commercial: Form EIA-6, "Coal Distribution Report," and Other Power Producers: and for 1997 and prior years, Form EIA-867, "Annual and Nonutility Power Producer Report," and for 1998 forward, Form EIA-860B, "Annual Electric Generator Report - Nonutility."

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

Census Division and State	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>576</b>	<b>488</b>	<b>739</b>	<b>2,042</b>	<b>5,507</b>	<b>-62.9</b>
Connecticut .....	2	1	167	6	596	-98.9
Maine .....	43	37	31	120	141	-15.3
Massachusetts .....	114	103	154	486	3,189	-84.8
New Hampshire .....	415	319	360	1,345	1,469	-8.4
Rhode Island .....	1	*	1	2	2	.0
Vermont .....	1	27	27	82	109	-24.6
<b>Middle Atlantic Total</b> .....	<b>11,507</b>	<b>13,990</b>	<b>16,409</b>	<b>55,299</b>	<b>69,289</b>	<b>-20.2</b>
New Jersey .....	593	828	573	2,596	2,372	9.4
New York .....	1,027	1,155	3,123	7,216	12,379	-41.7
Pennsylvania .....	9,888	12,007	12,713	45,487	54,538	-16.6
<b>East North Central Total</b> .....	<b>53,960</b>	<b>62,633</b>	<b>56,180</b>	<b>229,615</b>	<b>234,068</b>	<b>-1.9</b>
Illinois .....	8,159	12,408	10,658	42,118	44,630	-5.6
Indiana .....	16,404	17,874	15,948	66,195	66,296	-.2
Michigan .....	9,748	10,257	9,799	38,344	38,084	.7
Ohio .....	13,147	15,484	13,761	57,725	60,338	-4.3
Wisconsin .....	6,502	6,610	6,014	25,233	24,720	2.1
<b>West North Central Total</b> .....	<b>36,479</b>	<b>38,973</b>	<b>36,084</b>	<b>144,449</b>	<b>144,431</b>	<b>*</b>
Iowa .....	5,896	6,257	5,717	23,289	23,351	-.3
Kansas .....	4,715	5,314	3,892	18,997	17,736	7.1
Minnesota .....	4,628	5,129	5,140	18,854	19,586	-3.7
Missouri .....	9,176	10,539	9,297	37,888	38,589	-1.8
Nebraska .....	3,190	3,203	3,075	11,495	11,792	-2.5
North Dakota .....	8,188	7,917	8,452	31,277	31,060	.7
South Dakota .....	687	616	511	2,649	2,316	14.4
<b>South Atlantic Total</b> .....	<b>41,531</b>	<b>48,765</b>	<b>40,562</b>	<b>173,167</b>	<b>173,154</b>	<b>*</b>
Delaware .....	317	376	352	1,399	1,773	-21.1
District of Columbia .....	2	1	2	6	6	.0
Florida .....	6,783	8,060	6,804	27,286	28,827	-5.3
Georgia .....	7,904	9,854	7,370	33,488	32,701	2.4
Maryland .....	2,880	3,333	2,720	11,759	11,789	-.3
North Carolina .....	6,800	8,204	6,481	28,460	28,917	-1.6
South Carolina .....	3,608	4,402	3,169	15,552	14,649	6.2
Virginia .....	3,621	4,217	3,832	15,853	15,843	.1
West Virginia .....	9,614	10,317	9,833	39,364	38,649	1.8
<b>East South Central Total</b> .....	<b>26,434</b>	<b>30,057</b>	<b>25,211</b>	<b>108,652</b>	<b>108,388</b>	<b>.2</b>
Alabama .....	9,437	11,032	9,285	38,159	36,448	4.7
Kentucky .....	8,766	10,060	8,938	37,721	39,235	-3.9
Mississippi .....	1,710	1,794	1,007	6,207	5,897	5.2
Tennessee .....	6,522	7,172	5,981	26,566	26,808	-.9
<b>West South Central Total</b> .....	<b>37,791</b>	<b>41,985</b>	<b>35,443</b>	<b>150,814</b>	<b>147,470</b>	<b>2.3</b>
Arkansas .....	4,016	3,980	3,923	15,293	14,563	5.0
Louisiana .....	3,766	4,271	3,263	13,951	13,891	.4
Oklahoma .....	4,512	5,453	3,820	19,087	19,585	-2.5
Texas .....	25,498	28,282	24,437	102,483	99,430	3.1
<b>Mountain Total</b> .....	<b>29,992</b>	<b>31,267</b>	<b>31,411</b>	<b>116,881</b>	<b>117,745</b>	<b>-.7</b>
Arizona .....	5,236	5,437	5,126	19,711	19,014	3.7
Colorado .....	4,767	4,762	4,616	18,087	18,033	.3
Idaho .....	181	25	241	421	479	-12.0
Montana .....	2,482	2,764	2,874	10,303	10,724	-3.9
Nevada .....	2,114	2,350	2,405	7,978	8,170	-2.4
New Mexico .....	3,782	4,390	4,238	16,306	15,963	2.1
Utah .....	4,145	4,391	4,378	16,348	16,600	-1.5
Wyoming .....	7,285	7,150	7,534	27,727	28,763	-3.6
<b>Pacific Total</b> .....	<b>3,234</b>	<b>3,080</b>	<b>3,471</b>	<b>11,644</b>	<b>11,979</b>	<b>-2.8</b>
Alaska .....	192	139	198	671	693	-3.2
California .....	605	759	744	2,871	2,803	2.4
Hawaii .....	28	31	35	133	167	-20.4
Oregon .....	650	596	675	2,154	2,074	3.8
Washington .....	1,759	1,554	1,818	5,815	6,241	-6.8
<b>Other Power Producers</b> .....	<b>14,959</b>	<b>12,345</b>	<b>8,161</b>	<b>45,950</b>	<b>26,941</b>	<b>70.6</b>
<b>U.S. Total</b> .....	<b>256,463</b>	<b>283,582</b>	<b>253,670</b>	<b>1,038,512</b>	<b>1,038,972</b>	<b>*</b>

\* Rounded to zero.

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

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

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

Census Division and State	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>513</b>	<b>408</b>	<b>661</b>	<b>1,768</b>	<b>5,183</b>	<b>-65.9</b>
Connecticut .....	-	-	165	-	590	-
Maine .....	-	-	-	-	-	-
Massachusetts .....	99	89	137	427	3,128	-86.4
New Hampshire .....	414	318	358	1,341	1,465	-8.5
Rhode Island .....	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>8,025</b>	<b>10,677</b>	<b>12,799</b>	<b>41,554</b>	<b>54,738</b>	<b>-24.1</b>
New Jersey .....	590	825	569	2,583	2,357	9.6
New York .....	387	421	2,394	4,412	9,410	-53.1
Pennsylvania .....	7,048	9,432	9,835	34,558	42,971	-19.6
<b>East North Central Total</b> .....	<b>46,616</b>	<b>55,444</b>	<b>48,754</b>	<b>200,289</b>	<b>204,721</b>	<b>-2.2</b>
Illinois .....	6,572	10,925	9,153	35,996	38,255	-5.9
Indiana .....	13,584	15,092	13,204	55,105	55,086	*
Michigan .....	8,528	9,147	8,563	33,615	34,021	-1.2
Ohio .....	11,883	14,067	12,298	52,123	54,455	-4.3
Wisconsin .....	6,049	6,214	5,536	23,450	22,903	2.4
<b>West North Central Total</b> .....	<b>32,964</b>	<b>35,606</b>	<b>32,298</b>	<b>130,540</b>	<b>130,374</b>	<b>.1</b>
Iowa .....	5,145	5,437	4,876	20,071	20,031	.2
Kansas .....	4,683	5,285	3,866	18,888	17,627	7.2
Minnesota .....	4,161	4,766	4,664	17,114	17,902	-4.4
Missouri .....	8,872	10,204	8,930	36,546	37,165	-1.7
Nebraska .....	3,113	3,123	2,997	11,219	11,505	-2.5
North Dakota .....	6,433	6,312	6,576	24,542	24,278	1.1
South Dakota .....	556	479	390	2,159	1,866	15.7
<b>South Atlantic Total</b> .....	<b>37,771</b>	<b>45,259</b>	<b>36,680</b>	<b>158,464</b>	<b>157,764</b>	<b>.4</b>
Delaware .....	285	342	300	1,244	1,592	-21.9
District of Columbia .....	-	-	-	-	-	-
Florida .....	6,495	7,742	6,487	26,090	27,542	-5.3
Georgia .....	7,395	9,392	6,918	31,506	30,731	2.5
Maryland .....	2,667	3,131	2,498	10,931	10,968	-3
North Carolina .....	6,296	7,753	5,948	26,507	26,834	-1.2
South Carolina .....	3,127	3,949	2,676	13,666	12,664	7.9
Virginia .....	2,748	3,412	2,927	12,427	12,300	1.0
West Virginia .....	8,757	9,538	8,927	36,092	35,132	2.7
<b>East South Central Total</b> .....	<b>23,681</b>	<b>27,287</b>	<b>22,290</b>	<b>97,377</b>	<b>96,320</b>	<b>1.1</b>
Alabama .....	8,262	9,824	8,073	33,428	31,474	6.2
Kentucky .....	8,101	9,316	8,136	34,711	35,842	-3.2
Mississippi .....	1,665	1,746	965	6,022	5,684	6.0
Tennessee .....	5,653	6,402	5,116	23,216	23,320	-4
<b>West South Central Total</b> .....	<b>36,326</b>	<b>40,478</b>	<b>33,979</b>	<b>144,986</b>	<b>141,671</b>	<b>2.3</b>
Arkansas .....	3,927	3,897	3,845	14,974	14,277	4.9
Louisiana .....	3,755	4,261	3,254	13,914	13,850	.5
Oklahoma .....	4,343	5,249	3,668	18,353	18,883	-2.8
Texas .....	24,301	27,071	23,213	97,746	94,661	3.3
<b>Mountain Total</b> .....	<b>28,350</b>	<b>29,955</b>	<b>29,783</b>	<b>111,143</b>	<b>111,787</b>	<b>-6</b>
Arizona .....	5,053	5,281	4,950	19,025	18,316	3.9
Colorado .....	4,668	4,665	4,513	17,704	17,663	.2
Idaho .....	-	-	-	-	-	-
Montana .....	2,439	2,748	2,835	10,198	10,627	-4.0
Nevada .....	2,060	2,301	2,354	7,763	7,961	-2.5
New Mexico .....	3,759	4,369	4,216	16,224	15,883	2.1
Utah .....	3,651	3,905	3,941	14,590	14,664	-5
Wyoming .....	6,720	6,686	6,975	25,639	26,674	-3.9
<b>Pacific Total</b> .....	<b>2,414</b>	<b>2,156</b>	<b>2,502</b>	<b>8,000</b>	<b>8,309</b>	<b>-3.7</b>
Alaska .....	32	33	39	140	162	-13.7
California .....	-	-	-	-	-	-
Hawaii .....	-	-	-	-	-	-
Oregon .....	650	596	675	2,154	2,037	5.7
Washington .....	1,732	1,527	1,789	5,707	6,111	-6.6
<b>U.S. Total</b> .....	<b>216,659</b>	<b>247,270</b>	<b>219,746</b>	<b>894,120</b>	<b>910,867</b>	<b>-1.8</b>

\* 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 40. Change in Electric Utility Net Generation by State and Census Division, October-December 1999, 1998**  
(Million Kilowatthours)

Census Division and State	Total <sup>1</sup>		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
<b>New England</b> .....	<b>-3,215</b>	<b>-23.3</b>	<b>-385</b>	<b>-23.1</b>	<b>-4,148</b>	<b>-85.5</b>	<b>85</b>	<b>29.6</b>	<b>-250</b>	<b>-40.2</b>	<b>1,467</b>	<b>23.6</b>
Connecticut.....	1,320	31.1	-424	-100.0	-1,452	-70.2	258	NM	54	93.7	2,877	185.0
Maine.....	-878	-99.6	-	-	-517	-99.4	-	-	-361	-100.0	*	-
Massachusetts.....	-3,686	-91.6	-125	-34.3	-1,902	-99.5	-184	-71.1	-9	-38.9	-1,466	-100.0
New Hampshire .....	365	10.7	165	18.9	-276	-79.7	12	NM	34	47.7	431	20.3
Rhode Island .....	*	21.5	*	-	*	21.5	*	-	*	-	-	-
Vermont.....	-337	-27.8	*	-	-1	-17.4	*	-	32	28.8	-375	-35.0
<b>Middle Atlantic</b> .....	<b>-15,488</b>	<b>-19.3</b>	<b>-12,185</b>	<b>-38.0</b>	<b>-3,133</b>	<b>-67.3</b>	<b>-152</b>	<b>-4.3</b>	<b>-1,065</b>	<b>-17.9</b>	<b>1,047</b>	<b>8.6</b>
New Jersey.....	783	9.0	16	1.2	-14	-63.3	164	102.5	2	-6.6	614	8.6
New York.....	-8,923	-31.8	-5,019	-83.9	-2,790	-67.0	-360	-10.8	-1,333	-22.3	579	6.7
Pennsylvania.....	-7,348	-16.9	-7,182	-29.1	-329	-69.6	44	78.5	266	NM	-147	-8
<b>East North Central</b> .....	<b>854</b>	<b>.7</b>	<b>-3,816</b>	<b>-3.8</b>	<b>65</b>	<b>13.3</b>	<b>-140</b>	<b>-14.1</b>	<b>-58</b>	<b>-10.2</b>	<b>4,826</b>	<b>18.2</b>
Illinois.....	-1,039	-3.0	-5,121	-30.7	-47	-59.9	-9	-3.4	-8	-50.0	4,145	24.3
Indiana.....	1,032	3.8	1,040	3.9	33	20.8	-25	-34.9	-16	-13.7	-	-
Michigan.....	259	1.2	256	1.5	69	47.6	-95	-19.6	-34	-61.2	62	2.2
Ohio.....	-813	-2.4	-1,016	-3.5	17	22.4	-1	-2.0	20	18.5	167	3.8
Wisconsin.....	1,415	11.6	1,025	10.9	-7	-23.5	-10	-7.6	-20	-7.5	452	20.4
<b>West North Central</b> .....	<b>475</b>	<b>.7</b>	<b>878</b>	<b>1.8</b>	<b>-103</b>	<b>-38.7</b>	<b>-215</b>	<b>-32.6</b>	<b>-377</b>	<b>-10.5</b>	<b>339</b>	<b>3.3</b>
Iowa.....	-164	-1.8	327	4.2	2	27.4	30	89.4	-31	-13.3	-494	-45.3
Kansas.....	900	9.8	1,107	18.0	-3	-9.9	-175	-44.3	*	-	-28	-1.1
Minnesota.....	-422	-3.8	-1,167	-14.9	-86	-47.9	-54	-65.7	-17	-7.3	923	34.1
Missouri.....	-1,681	-9.3	-76	-5	-11	-30.7	6	5.8	-584	-92.1	-991	-40.9
Nebraska.....	1,117	17.0	152	3.1	-1	-43.7	-5	-22.4	44	10.3	928	71.5
North Dakota.....	-213	-2.6	-202	-2.7	-2	-27.7	*	44.4	-9	-1.7	-	-
South Dakota.....	937	41.8	737	113.3	-2	-63.3	-18	-60.2	219	14.0	-	-
<b>South Atlantic</b> .....	<b>1,932</b>	<b>1.2</b>	<b>3,262</b>	<b>3.6</b>	<b>-4,287</b>	<b>-41.1</b>	<b>1,784</b>	<b>21.5</b>	<b>363</b>	<b>30.3</b>	<b>811</b>	<b>1.7</b>
Delaware.....	-437	-33.0	-72	-10.2	-258	-93.8	-107	-30.9	-	-	-	-
District of Columbia.....	3	-157.7	-	-	3	-157.7	-	-	-	-	-	-
Florida.....	-1,651	-4.2	262	1.7	-3,697	-39.8	1,855	25.1	-42	-81.2	-29	-4
Georgia.....	2,126	8.9	2,166	14.1	7	34.7	-10	-8.8	*	.1	-37	-5
Maryland.....	293	2.6	246	3.6	-210	-43.3	80	97.5	235	288.1	-58	-1.5
North Carolina .....	301	1.2	748	4.8	11	25.6	-5	-35.9	164	36.0	-617	-6.3
South Carolina .....	1,744	9.0	1,003	14.2	18	66.9	-6	-44.4	-34	-23.2	763	6.3
Virginia.....	30	.2	-565	-7.5	-174	-67.5	-22	-6.9	2	-9	789	11.9
West Virginia.....	-478	-2.1	-527	-2.3	12	28.3	-2	-15.6	39	128.6	-	-
<b>East South Central</b> .....	<b>1,343</b>	<b>1.8</b>	<b>1,836</b>	<b>3.6</b>	<b>-106</b>	<b>-13.8</b>	<b>607</b>	<b>51.4</b>	<b>-494</b>	<b>-14.1</b>	<b>-499</b>	<b>-3.0</b>
Alabama.....	-255	-1.0	-531	-2.9	-34	-57.6	-66	-25.3	-330	-22.5	706	10.8
Kentucky.....	-158	-8	-137	-7	*	-1.4	13	31.6	-34	-5.8	-	-
Mississippi.....	483	7.6	1,499	70.9	-57	-9.1	672	78.2	-	-	-1,632	-59.2
Tennessee.....	1,272	6.1	1,004	8.2	-15	-26.7	-13	-75.4	-130	-8.9	426	5.9
<b>West South Central</b> .....	<b>398</b>	<b>.4</b>	<b>4,110</b>	<b>8.3</b>	<b>-174</b>	<b>-64.4</b>	<b>-1,286</b>	<b>-4.0</b>	<b>-1,050</b>	<b>-58.7</b>	<b>-1,202</b>	<b>-6.9</b>
Arkansas.....	-231	-2.1	116	1.8	-8	-25.3	360	189.4	-219	-40.0	-479	-13.1
Louisiana.....	370	2.5	846	17.7	-145	-78.1	-544	-9.1	-	-	213	5.3
Oklahoma.....	-356	-3.3	1,291	21.6	*	-15.1	-857	-23.5	-789	-73.2	-	-
Texas.....	616	1.0	1,858	5.8	-21	-42.1	-244	-1.1	-42	-25.6	-935	-9.7
<b>Mountain</b> .....	<b>-2,004</b>	<b>-2.7</b>	<b>-1,865</b>	<b>-3.4</b>	<b>-12</b>	<b>-15.8</b>	<b>28</b>	<b>.8</b>	<b>134</b>	<b>1.6</b>	<b>-289</b>	<b>-3.9</b>
Arizona.....	138	.7	332	3.4	6	71.8	105	10.2	-17	-7	-289	-3.9
Colorado.....	212	2.4	299	3.6	*	-1.4	-161	-66.1	74	43.5	*	-
Idaho.....	-58	-2.7	-	-	*	-45.5	*	-	-58	-2.7	-	-
Montana.....	-321	-4.7	-501	-11.6	-1	-13.2	-8	-78.3	188	7.6	-	-
Nevada.....	-618	-8.1	-668	-12.9	-24	-76.2	53	3.3	20	2.6	-	-
New Mexico.....	-671	-8.3	-708	-9.6	3	58.6	2	.3	31	NM	-	-
Utah.....	-70	-7	-57	-6	2	32.4	36	37.0	-52	-18.2	-	-
Wyoming.....	-615	-5.3	-563	-4.9	1	5.7	1	37.3	-53	-26.6	-	-
<b>Pacific</b> .....	<b>-3,126</b>	<b>-5.3</b>	<b>-37</b>	<b>-.9</b>	<b>-65</b>	<b>-76.6</b>	<b>-3,785</b>	<b>-46.7</b>	<b>3,341</b>	<b>9.7</b>	<b>-1,150</b>	<b>-9.9</b>
California.....	-8,028	-31.1	-	-	-23	-64.6	-3,493	-55.3	-2,596	-29.4	-516	-5.6
Oregon.....	1,278	11.4	1	.1	-22	-91.1	-124	-9.6	1,423	16.3	*	-
Washington.....	3,624	16.1	-38	-1.4	-20	-79.4	-168	-34.1	4,514	27.0	-634	-26.0
<b>Pacific Noncontiguous</b> .....	<b>406</b>	<b>14.7</b>	<b>20</b>	<b>45.9</b>	<b>266</b>	<b>14.6</b>	<b>171</b>	<b>26.5</b>	<b>-51</b>	<b>-20.6</b>	<b>-</b>	<b>-</b>
Alaska.....	501	44.7	20	45.9	360	193.2	171	26.5	-50	-20.6	-	-
Hawaii.....	-95	-5.8	-	-	-94	-5.7	-	-	-1	-22.2	-	-
<b>U.S. Total</b> .....	<b>-18,426</b>	<b>-2.4</b>	<b>-8,182</b>	<b>-1.9</b>	<b>-11,698</b>	<b>-49.3</b>	<b>-2,902</b>	<b>-4.9</b>	<b>492</b>	<b>.8</b>	<b>5,350</b>	<b>3.0</b>

<sup>1</sup> Total also includes geothermal and other renewable energy sources.  
\* Number less than 0.5 rounded to zero.  
NM Percent change calculation not meaningful as value is greater than 500.  
Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

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

Census Division	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	1,991	1,898	2,015	7,799	8,401	-7.2
<b>East North Central Total</b> .....	3,381	3,410	3,267	13,404	12,322	8.8
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	927	915	896	3,584	3,736	-4.1
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>7,216</b>	<b>7,024</b>	<b>7,042</b>	<b>28,108</b>	<b>28,189</b>	<b>-3</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	w	w	w	w	w	w
Connecticut.....	-	-	-	-	-	-
Maine.....	w	w	w	w	w	w
Massachusetts.....	w	w	w	w	w	w
New Hampshire.....	-	-	-	-	-	-
Rhode Island.....	-	-	-	-	-	-
Vermont.....	-	27	27	80	107	-25.0
<b>Middle Atlantic Total</b> .....	<b>1,194</b>	<b>1,216</b>	<b>1,297</b>	<b>4,953</b>	<b>5,157</b>	<b>-4.0</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	873	837	917	3,510	3,618	-3.0
<b>East North Central Total</b> .....	<b>3,582</b>	<b>3,524</b>	<b>3,777</b>	<b>14,650</b>	<b>15,753</b>	<b>-7.0</b>
Illinois.....	910	838	926	3,526	3,813	-7.5
Indiana.....	1,066	1,025	1,009	4,155	4,395	-5.5
Michigan.....	507	408	512	1,892	2,190	-13.6
Ohio.....	684	882	890	3,422	3,666	-6.6
Wisconsin.....	415	371	440	1,655	1,689	-2.0
<b>West North Central Total</b> .....	<b>3,333</b>	<b>3,246</b>	<b>3,604</b>	<b>13,303</b>	<b>13,452</b>	<b>-1.1</b>
Iowa.....	668	764	757	2,939	3,040	-3.3
Kansas.....	32	28	26	108	109	-9
Minnesota.....	454	355	464	1,698	1,642	3.4
Missouri.....	255	301	317	1,175	1,258	-6.5
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	130	136	121	490	450	8.8
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	w	w	w	w	w	w
District of Columbia.....	-	-	-	-	-	-
Florida.....	287	316	316	1,190	1,279	-6.9
Georgia.....	506	460	448	1,971	1,959	.6
Maryland.....	197	192	206	775	768	.9
North Carolina.....	444	411	473	1,753	1,883	-6.9
South Carolina.....	474	449	486	1,863	1,962	-5.0
Virginia.....	567	512	597	2,232	2,354	-5.2
West Virginia.....	401	379	425	1,551	1,613	-3.9
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	566	610	635	2,414	2,562	-5.8
Kentucky.....	274	378	411	1,503	1,829	-17.8
Mississippi.....	w	w	w	w	w	w
Tennessee.....	861	764	858	3,325	3,463	-4.0
<b>West South Central Total</b> .....	<b>1,461</b>	<b>1,504</b>	<b>1,459</b>	<b>5,813</b>	<b>5,784</b>	<b>.5</b>
Arkansas.....	89	82	78	319	287	11.2
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,192	1,208	1,220	4,723	4,755	-.7
<b>Mountain Total</b> .....	<b>1,279</b>	<b>1,066</b>	<b>1,344</b>	<b>4,635</b>	<b>4,625</b>	<b>.2</b>
Arizona.....	183	156	175	685	698	-1.8
Colorado.....	94	93	98	365	353	3.6
Idaho.....	164	13	223	364	421	-13.7
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	206	290	228	903	852	6.1
Wyoming.....	517	433	511	1,929	1,929	*
<b>Pacific Total</b> .....	<b>622</b>	<b>792</b>	<b>771</b>	<b>2,984</b>	<b>3,010</b>	<b>-9</b>
Alaska.....	w	w	w	w	w	w
California.....	571	736	709	2,755	2,688	2.5
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>16,172</b>	<b>15,972</b>	<b>17,264</b>	<b>65,478</b>	<b>68,120</b>	<b>-3.9</b>

\* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

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

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

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

NAICS Code	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
311 Food Manufacturing.....	2,141	1,586	2,177	7,546	7,661	-1.5
312 Beverage and Tobacco Product Mfg.....	107	109	129	473	522	-9.5
313 Textile Mills .....	184	156	196	719	820	-12.4
315 Apparel Manufacturing .....	w	w	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	-	-	-	-
321 Wood Product Manufacturing.....	w	w	w	w	w	w
322 Paper Manufacturing .....	3,045	2,796	3,001	11,952	12,288	-2.7
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w	w	w
325 Chemical Manufacturing .....	2,870	2,659	2,859	11,234	11,541	-2.7
326 Plastics and Rubber Products Mfg .....	46	42	44	172	184	-6.2
327 Nonmetallic Mineral Products Mfg.....	3,399	3,370	3,390	13,145	13,098	.4
331 Primary Metal Manufacturing <sup>2</sup> .....	1,793	2,083	1,921	7,780	8,377	-7.1
332 Fabricated Metal Product Mfg.....	32	13	62	118	218	-45.7
333 Machinery Manufacturing.....	59	36	82	219	273	-19.9
334 Computer and Electronic Product Mfg .....	w	w	w	w	w	w
335 Elec. Equip., Appl., Component Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	167	84	184	622	654	-4.8
337 Furniture and Related Product Mfg.....	w	w	w	w	w	w
339 Miscellaneous Manufacturing .....	w	w	w	w	w	w
<b>U.S. Total.....</b>	<b>15,763</b>	<b>14,769</b>	<b>16,060</b>	<b>61,459</b>	<b>63,306</b>	<b>-2.9</b>

<sup>1</sup> Includes coal gasification projects.

<sup>2</sup> Excludes coke plants.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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



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

Census Division and State	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>13</b>	<b>9</b>	<b>13</b>	<b>44</b>	<b>44</b>	<b>0.0</b>
Connecticut.....	2	1	2	6	6	.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	2	2	.0
Vermont.....	1	*	1	2	2	.0
<b>Middle Atlantic Total</b> .....	<b>298</b>	<b>199</b>	<b>298</b>	<b>993</b>	<b>993</b>	<b>.0</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	252	168	252	841	841	.0
<b>East North Central Total</b> .....	<b>382</b>	<b>254</b>	<b>382</b>	<b>1,272</b>	<b>1,272</b>	<b>.0</b>
Illinois.....	71	47	71	237	237	.0
Indiana.....	111	74	111	371	371	.0
Michigan.....	43	29	43	145	145	.0
Ohio.....	117	78	117	391	391	.0
Wisconsin.....	38	26	38	128	128	.0
<b>West North Central Total</b> .....	<b>182</b>	<b>121</b>	<b>182</b>	<b>606</b>	<b>606</b>	<b>.0</b>
Iowa.....	84	56	84	279	279	.0
Kansas.....	*	*	*	*	*	.0
Minnesota.....	12	8	12	42	42	.0
Missouri.....	50	33	50	166	166	.0
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	*	*	*	*	*	.0
<b>South Atlantic Total</b> .....	<b>192</b>	<b>128</b>	<b>192</b>	<b>640</b>	<b>640</b>	<b>.0</b>
Delaware.....	w	w	w	w	w	w
District of Columbia.....	2	1	2	6	6	.0
Florida.....	2	1	2	6	6	.0
Georgia.....	3	2	3	11	11	.0
Maryland.....	16	11	16	53	53	.0
North Carolina.....	60	40	60	200	200	.0
South Carolina.....	7	5	7	23	23	.0
Virginia.....	52	34	52	172	172	.0
West Virginia.....	49	32	49	162	162	.0
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	3	2	3	9	9	.0
Kentucky.....	70	46	70	232	232	.0
Mississippi.....	w	w	w	w	w	w
Tennessee.....	7	5	7	25	25	.0
<b>West South Central Total</b> .....	<b>4</b>	<b>3</b>	<b>4</b>	<b>15</b>	<b>15</b>	<b>.0</b>
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	4	3	4	14	14	.0
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	*	*	*	*	*	.0
Colorado.....	5	4	5	18	18	.0
Idaho.....	17	12	17	58	58	.0
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	34	23	34	113	113	.0
Wyoming.....	48	32	48	159	159	.0
<b>Pacific Total</b> .....	<b>198</b>	<b>132</b>	<b>198</b>	<b>659</b>	<b>659</b>	<b>.0</b>
Alaska.....	w	w	w	w	w	w
California.....	35	23	35	115	115	.0
Hawaii.....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	4	3	4	14	14	.0
<b>U.S. Total</b> .....	<b>1,457</b>	<b>971</b>	<b>1,457</b>	<b>4,856</b>	<b>4,856</b>	<b>.0</b>

\* 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, 1993-1999**  
(Thousand Short Tons)

Last Day of Quarter	Coal Consumers <sup>1</sup>					Coal Producers and Distributors	Total
	Electric Utilities	Coke Plants	Other Industrial <sup>2</sup>	Other Power Producers <sup>3</sup>	Total		
<b>1993 March 31</b> .....	143,978	2,809	5,831	NA	152,619	38,453	191,072
June 30.....	145,753	3,020	6,070	NA	154,842	34,827	189,669
September 30.....	112,833	2,536	6,540	NA	121,909	27,183	149,092
December 31.....	111,341	2,401	6,716	NA	120,458	25,284	145,742
<b>1994 March 31</b> .....	105,186	2,232	4,859	NA	112,278	34,139	146,417
June 30.....	118,391	2,759	5,543	NA	126,694	35,758	162,451
September 30.....	112,314	2,706	6,206	NA	121,225	32,955	154,180
December 31.....	126,897	2,657	6,585	NA	136,139	33,219	169,358
<b>1995 March 31</b> .....	135,778	2,719	5,507	NA	144,004	42,460	186,463
June 30.....	143,385	2,624	5,649	NA	151,657	42,104	193,761
September 30.....	123,227	2,476	6,036	NA	131,739	36,193	167,932
December 31.....	126,304	2,632	5,702	NA	134,639	34,444	169,083
<b>1996 March 31</b> .....	117,738	2,583	4,431	NA	124,752	36,851	161,603
June 30.....	127,113	2,601	4,565	NA	134,280	37,344	171,623
September 30.....	119,473	2,814	5,301	NA	127,588	33,780	161,368
December 31.....	114,623	2,667	5,688	NA	122,979	28,648	151,627
<b>1997 March 31</b> .....	113,727	2,372	4,572	NA	120,671	37,544	158,215
June 30.....	120,787	2,050	4,751	NA	127,588	42,529	170,117
September 30.....	102,119	2,059	5,338	NA	109,516	39,111	148,627
December 31.....	98,826	1,978	5,597	NA	106,401	33,973	140,374
<b>1998 March 31</b> .....	108,101	1,885	4,561	NA	114,547	E 40,994	155,541
June 30.....	117,758	1,995	4,593	NA	124,345	E 38,331	162,676
September 30.....	104,552	2,042	5,246	NA	111,839	E 39,803	151,642
December 31.....	120,501	2,026	5,545	NA	128,072	36,530	164,602
<b>1999 March 31</b> .....	134,897	1,898	4,749	NA	141,544	E 42,361	183,905
June 30.....	141,267	2,075	4,670	NA	148,013	E 41,533	189,546
September 30.....	129,302	1,975	5,114	NA	136,391	E 35,064	171,455
December 31.....	128,493	1,943	5,575	E 7,496	143,507	E 34,360	170,371

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

<sup>2</sup> Manufacturing plants only.

<sup>3</sup> Independent power producers and cogeneration plants not included in the other industrial, coke, and commercial sectors.

NA Not available.

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" Form EIA-6, "Coal Distribution Report," and Other Power Producers: and for 1997 and prior years, Form EIA-867, "Annual and Nonutility Power Producer Report," and for 1998 forward, Form EIA-860B, "Annual Electric Generator Report - Nonutility."

**Table 46. Consumer Coal Stocks by Census Division and State, December 31, 1999**

(Thousand Short Tons)

Census Division and State	Electric Utilities	Coke Plants	Other Industrial <sup>1</sup>	Other Power Producers <sup>2</sup>	Total
New England Total.....	281	-	w	632	w
Middle Atlantic Total.....	4,307	559	477	4,729	10,072
East North Central Total.....	33,073	954	1,748	1,416	37,191
West North Central Total.....	21,199	-	1,137	-	22,336
South Atlantic Total.....	22,924	w	w	-	w
East South Central Total.....	12,154	302	w	718	w
West South Central Total.....	21,626	-	341	-	21,967
Mountain Total.....	11,797	w	320	-	w
Pacific Total.....	1,133	-	242	1	1,376
<b>U.S. Total.....</b>	<b>128,494</b>	<b>1,943</b>	<b>5,575</b>	<b>7,496</b>	<b>143,508</b>

<sup>1</sup> Manufacturing plants only.<sup>2</sup> Independent power producers and cogeneration plants not included in the other industrial, coke, and commercial sectors.

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" • Other Industrial: Form EIA-3, "Quarterly Coal Consumption Report - Manufacturing Plants," and Other Power Producers: and for 1997 and prior years, Form EIA-867, "Annual and Nonutility Power Producer Report," and for 1998 forward, Form EIA-860B, "Annual Electric Generator Report - Nonutility."

**Table 47. Coal Stocks at Electric Utility Plants by Census Division and State**

(Thousand Short Tons)

Census Division and State	December 31, 1999	September 30, 1999	December 31, 1998	Percent Difference December 31: 1999 versus 1998
New England Total.....	281	322	575	-51.1
Middle Atlantic Total.....	4,307	7,760	10,232	-57.9
East North Central Total.....	33,073	34,735	34,128	-3.1
West North Central Total.....	21,199	21,220	17,961	18.0
South Atlantic Total.....	22,924	20,081	20,938	9.5
East South Central Total.....	12,154	11,304	10,808	12.5
West South Central Total.....	21,626	20,674	14,396	50.2
Mountain Total.....	11,797	11,515	10,404	13.4
Pacific Total.....	1,133	1,692	1,060	6.9
<b>U.S. Total.....</b>	<b>128,494</b>	<b>129,303</b>	<b>120,501</b>	<b>6.6</b>

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

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

**Table 48. Coal Stocks at Coke Plants by Census Division**

(Thousand Short Tons)

Census Division	December 31, 1999	September 30, 1999	December 31, 1998	Percent Difference December 31: 1999 versus 1998
Middle Atlantic Total.....	559	596	584	-4.3
East North Central Total.....	954	939	951	.4
South Atlantic Total.....	w	w	w	w
East South Central Total.....	302	314	341	-11.4
Mountain Total.....	w	w	w	w
<b>U.S. Total.....</b>	<b>1,943</b>	<b>1,975</b>	<b>2,026</b>	<b>-4.1</b>

w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	December 31, 1999	September 30, 1999	December 31, 1998	Percent Difference December 31: 1999 versus 1998
<b>New England Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Connecticut.....	-	-	-	-
Maine.....	w	w	w	w
Massachusetts.....	w	w	w	w
New Hampshire.....	-	-	-	-
Rhode Island.....	-	-	-	-
Vermont.....	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>477</b>	<b>380</b>	<b>w</b>	<b>w</b>
New Jersey.....	w	w	w	w
New York.....	w	w	w	w
Pennsylvania.....	w	w	w	w
<b>East North Central Total</b> .....	<b>1,748</b>	<b>1,415</b>	<b>1,730</b>	<b>1.1</b>
Illinois.....	319	263	290	10.1
Indiana.....	w	w	w	w
Michigan.....	716	548	674	6.3
Ohio.....	w	w	w	w
Wisconsin.....	313	232	290	8.2
<b>West North Central Total</b> .....	<b>1,137</b>	<b>1,030</b>	<b>1,069</b>	<b>6.4</b>
Iowa.....	522	583	473	10.5
Kansas.....	22	23	19	18.2
Minnesota.....	243	179	301	-19.1
Missouri.....	126	111	127	-1.3
Nebraska.....	w	w	w	w
North Dakota.....	w	w	w	w
South Dakota.....	w	w	w	w
<b>South Atlantic Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	w	w	w	w
District of Columbia.....	-	-	-	-
Florida.....	90	86	84	6.6
Georgia.....	127	148	142	-10.5
Maryland.....	23	18	21	7.1
North Carolina.....	96	91	128	-25.1
South Carolina.....	159	183	203	-22.0
Virginia.....	120	111	120	*
West Virginia.....	116	106	125	-7.4
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	w	w	w	w
Kentucky.....	83	79	76	9.8
Mississippi.....	w	w	w	w
Tennessee.....	265	258	223	19.1
<b>West South Central Total</b> .....	<b>341</b>	<b>365</b>	<b>354</b>	<b>-3.7</b>
Arkansas.....	29	33	17	68.7
Louisiana.....	22	22	w	w
Oklahoma.....	98	100	w	w
Texas.....	192	211	223	-13.7
<b>Mountain Total</b> .....	<b>320</b>	<b>408</b>	<b>320</b>	<b>.1</b>
Arizona.....	49	60	70	-29.5
Colorado.....	19	19	23	-15.7
Idaho.....	160	207	126	26.6
Montana.....	w	w	w	w
Nevada.....	w	w	w	w
New Mexico.....	w	w	w	w
Utah.....	5	4	5	.5
Wyoming.....	69	101	77	-10.2
<b>Pacific Total</b> .....	<b>242</b>	<b>205</b>	<b>241</b>	<b>.4</b>
Alaska.....	w	w	w	w
California.....	192	137	188	2.2
Hawaii.....	w	w	w	w
Oregon.....	w	w	w	w
Washington.....	w	w	w	w
<b>U.S. Total</b> .....	<b>5,575</b>	<b>5,114</b>	<b>5,545</b>	<b>.5</b>

\* Rounded to zero.

w Withheld to avoid disclosure of individual company data.

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

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

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

NAICS Code	December 31, 1999	September 30, 1999	December 31, 1998	Percent Difference December 31: 1999 versus 1998
311 Food Manufacturing .....	838	946	729	15.1
312 Beverage and Tobacco Product Mfg .....	31	22	26	17.0
313 Textile Mills .....	99	80	94	5.8
315 Apparel Manufacturing .....	w	w	w	w
316 Leather and Allied Product Mfg .....	-	-	-	-
321 Wood Product Manufacturing .....	w	w	w	w
322 Paper Manufacturing .....	1,167	983	1,114	4.7
323 Printing and Related Support .....	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w
325 Chemical Manufacturing .....	837	810	930	-10.0
326 Plastics and Rubber Products Mfg .....	5	6	4	5.3
327 Nonmetallic Mineral Products Mfg .....	1,685	1,519	1,661	1.5
331 Primary Metal Manufacturing <sup>2</sup> .....	507	424	640	-20.8
332 Fabricated Metal Product Mfg .....	33	14	46	-27.9
333 Machinery Manufacturing .....	66	64	56	17.5
334 Computer and Electronic Product Mfg .....	w	w	w	w
335 Elec. Equip., Appl., Component Mfg .....	w	w	w	w
336 Transportation Equipment Mfg .....	58	46	50	14.3
337 Furniture and Related Product Mfg .....	w	w	w	w
339 Miscellaneous Manufacturing .....	w	w	w	w
<b>U.S. Total .....</b>	<b>5,575</b>	<b>5,114</b>	<b>5,545</b>	<b>.5</b>

<sup>1</sup> Includes coal gasification projects.

<sup>2</sup> Excludes coke plants.

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

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

Census Division	December 31, 1999	September 30, 1999	December 31, 1998	Percent Difference December 31: 1999 versus 1998
<b>Middle Atlantic Total .....</b>	<b>69</b>	<b>127</b>	<b>160</b>	<b>-56.9</b>
<b>East North Central Total .....</b>	<b>500</b>	<b>560</b>	<b>526</b>	<b>-5.0</b>
<b>South Atlantic Total .....</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
<b>East South Central Total .....</b>	<b>157</b>	<b>142</b>	<b>176</b>	<b>-10.8</b>
<b>Mountain Total .....</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
<b>U.S. Total .....</b>	<b>1,003</b>	<b>1,102</b>	<b>1,077</b>	<b>-6.9</b>
<b>Coke Total .....</b>	<b>852</b>	<b>939</b>	<b>933</b>	<b>-8.6</b>
<b>Breeze Total .....</b>	<b>150</b>	<b>164</b>	<b>144</b>	<b>4.1</b>

<sup>w</sup> Withheld to avoid disclosure of individual company data.

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

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

# **Appendix A**

## **U.S. Coal Imports**

# Appendix A

## U.S. Coal Imports

**Table A1. Quantity and Average Price of U.S. Coal Imports, 1993-1999**  
(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
1993.....	1,448	\$33.12	1,317	\$32.87	2,464	\$30.41	2,951	\$29.25	<b>8,181</b>	<b>\$30.87</b>
1994.....	2,225	30.54	1,747	29.05	2,568	31.22	2,329	31.55	<b>8,870</b>	<b>30.71</b>
1995.....	2,101	33.60	2,138	35.32	2,487	33.31	2,748	34.09	<b>9,473</b>	<b>34.05</b>
1996.....	1,968	34.26	1,688	33.07	2,423	33.56	2,036	34.15	<b>8,115</b>	<b>33.78</b>
1997.....	1,331	33.85	1,708	35.26	2,222	33.69	2,226	34.49	<b>7,487</b>	<b>34.32</b>
1998.....	1,839	33.98	2,193	31.43	2,145	32.38	2,547	31.38	<b>8,724</b>	<b>32.18</b>
1999.....	2,248	30.86	2,098	30.06	2,387	30.01	2,357	32.10	<b>9,089</b>	<b>30.77</b>

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, 1993-1999**

(Thousand Short Tons and Dollars per Short Ton)

Year and Quarter	Australia	Canada	Colombia	Indonesia	Malaysia	Venezuela	Other Countries	Total
<b>Quantity</b>								
<b>1993</b> .....	100	1,509	4,517	708	–	1,307	39	<b>8,181</b>
<b>1994</b> .....	92	1,540	4,126	1,130	–	1,786	196	<b>8,870</b>
<b>1995</b> .....	212	1,916	4,210	1,018	–	2,041	76	<b>9,473</b>
<b>1996</b> .....	165	1,738	3,027	1,535	–	1,641	10	<b>8,115</b>
<b>1997</b> .....	116	1,212	3,117	1,426	–	1,514	103	<b>7,487</b>
<b>1998</b>								
January - March .....	32	131	659	246	–	767	5	<b>1,839</b>
April - June .....	–	298	844	403	–	646	2	<b>2,193</b>
July - September .....	28	368	850	344	–	510	45	<b>2,145</b>
October - December .....	33	369	1,125	421	–	560	39	<b>2,547</b>
<b>Total</b> .....	<b>93</b>	<b>1,166</b>	<b>3,478</b>	<b>1,414</b>	–	<b>2,482</b>	<b>91</b>	<b>8,724</b>
<b>1999</b>								
January - March .....	94	100	1,200	248	–	514	91	<b>2,248</b>
April - June .....	28	278	886	431	–	457	18	<b>2,098</b>
July - September .....	39	284	1,286	284	–	458	36	<b>2,387</b>
October - December .....	–	317	1,181	176	–	661	21	<b>2,357</b>
<b>Total</b> .....	<b>161</b>	<b>979</b>	<b>4,553</b>	<b>1,138</b>	–	<b>2,090</b>	<b>167</b>	<b>9,089</b>
<b>Average Price</b>								
<b>1993</b> .....	\$31.56	\$33.48	\$27.91	\$42.70	–	\$29.12	\$24.17	<b>\$30.42</b>
<b>1994</b> .....	30.02	32.57	28.39	33.80	–	32.09	28.97	<b>30.53</b>
<b>1995</b> .....	30.99	35.47	31.26	35.13	–	34.70	42.44	<b>33.27</b>
<b>1996</b> .....	33.41	35.11	31.90	32.45	–	30.87	33.43	<b>32.37</b>
<b>1997</b> .....	33.47	36.80	32.11	32.82	–	33.26	49.12	<b>33.25</b>
<b>1998</b>								
January - March .....	31.35	33.66	33.01	38.77	–	32.36	42.03	<b>33.54</b>
April - June .....	–	33.83	30.42	32.87	–	29.48	–	<b>31.04</b>
July - September .....	32.08	35.91	30.91	32.10	–	30.12	–	<b>31.76</b>
October - December .....	32.25	36.69	30.98	33.79	–	32.27	35.95	<b>32.57</b>
<b>Total</b> .....	<b>31.89</b>	<b>35.40</b>	<b>31.21</b>	<b>34.13</b>	–	<b>31.09</b>	<b>36.29</b>	<b>32.19</b>
<b>1999</b>								
January - March .....	23.55	28.84	30.08	38.43	–	32.22	31.84	<b>31.19</b>
April - June .....	32.20	35.72	31.12	46.43	–	32.42	22.88	<b>33.18</b>
July - September .....	32.59	36.06	27.19	45.87	–	32.94	21.22	<b>30.48</b>
October - December .....	–	35.43	28.83	45.71	–	31.01	22.68	<b>31.53</b>
<b>Total</b> .....	<b>27.26</b>	<b>35.03</b>	<b>29.14</b>	<b>43.15</b>	–	<b>31.99</b>	<b>27.50</b>	<b>31.48</b>

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

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

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

Customs District	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>U.S. Total</b> .....	<b>2,356,613</b>	<b>2,387,138</b>	<b>2,546,854</b>	<b>9,089,333</b>	<b>8,723,683</b>	<b>4.2</b>
<b>Exporting Country: Australia</b>						
Tampa, FL.....	-	-	-	62,914	-	-
Honolulu, HI.....	-	39,379	33,066	98,552	92,660	6.4
<b>Total</b> .....	<b>-</b>	<b>39,379</b>	<b>33,066</b>	<b>161,466</b>	<b>92,660</b>	<b>74.3</b>
<b>Exporting Country: Canada</b>						
Chicago, IL.....	-	-	-	-	66,829	-
Detroit, MI.....	161,882	129,255	185,185	388,835	415,127	-6.3
Duluth, MN.....	5,114	5,719	-	17,591	-	-
Great Falls, MT.....	-	51,886	-	151,335	-	-
Pembina, ND.....	102,870	51,829	155,877	264,164	560,779	-52.9
Buffalo, NY.....	36	203	9	272	9	NM
Ogdensburg, NY.....	-	-	19	-	19	-
Seattle, WA.....	47,215	45,163	27,948	156,629	123,634	26.7
<b>Total</b> .....	<b>317,117</b>	<b>284,055</b>	<b>369,038</b>	<b>978,826</b>	<b>1,166,397</b>	<b>-16.1</b>
<b>Exporting Country: Colombia</b>						
Mobile, AL.....	470,826	650,914	67,145	1,690,917	508,561	232.5
Tampa, FL.....	392,483	250,476	664,240	1,317,769	1,628,765	-19.1
Savannah, GA.....	13,491	-	-	13,491	-	-
New Orleans, LA.....	6,639	-	-	11,612	-	-
Boston, MA.....	210,079	141,572	237,112	789,237	744,352	6.0
Baltimore, MD.....	-	28,862	-	28,862	-	-
Portland, ME.....	-	-	-	-	33,827	-
New York City, NY.....	57,108	154,756	71,502	414,099	326,822	26.7
Portland, OR.....	-	-	-	-	6,992	-
San Juan, PR.....	30,314	34,917	25,132	173,920	106,174	63.8
Houston-Galveston, TX.....	-	-	-	-	6,068	-
Virgin Islands.....	-	24,750	60,180	113,501	116,624	-2.7
<b>Total</b> .....	<b>1,180,940</b>	<b>1,286,247</b>	<b>1,125,311</b>	<b>4,553,408</b>	<b>3,478,185</b>	<b>30.9</b>
<b>Exporting Country: Indonesia</b>						
Honolulu, HI.....	176,101	122,130	119,033	591,402	589,152	0.4
New Orleans, LA.....	-	161,439	301,795	546,674	824,552	-33.7
<b>Total</b> .....	<b>176,101</b>	<b>283,569</b>	<b>420,828</b>	<b>1,138,076</b>	<b>1,413,704</b>	<b>-19.5</b>
<b>Exporting Country: Venezuela</b>						
Mobile, AL.....	-	-	120,063	173,998	376,227	-53.8
Miami, FL.....	-	-	-	-	90,381	-
Tampa, FL.....	-	-	-	-	42,452	-
Savannah, GA.....	138,975	101,310	78,394	493,781	374,677	31.8
New Orleans, LA.....	77,195	-	-	77,195	79,765	-3.2
Boston, MA.....	247,816	170,986	202,529	677,976	658,295	3.0
Portland, ME.....	118,395	155,742	73,190	516,893	333,782	54.9
New York City, NY.....	15,892	-	30,076	57,976	185,279	-68.7
Philadelphia, PA.....	-	-	31,317	-	95,671	-
San Juan, PR.....	62,714	29,707	24,141	92,421	85,871	7.6
Houston-Galveston, TX.....	-	-	-	-	159,785	-
<b>Total</b> .....	<b>660,987</b>	<b>457,745</b>	<b>559,710</b>	<b>2,090,240</b>	<b>2,482,185</b>	<b>-15.8</b>
<b>Other Exporting Countries</b>						
Los Angeles, CA.....	-	22	4	22	4	450.0
San Diego, CA.....	-	-	1	-	1	-
Chicago, IL.....	44	-	-	44	-	-
New Orleans, LA.....	5,830	-	-	79,114	42,439	86.4
Boston, MA.....	-	-	36,432	-	36,432	-
Detroit, MI.....	47	10	-	175	-	-
Buffalo, NY.....	4,436	4,306	286	10,687	3,983	168.3
New York City, NY.....	12	-	11	245	112	118.8
Philadelphia, PA.....	108	-	-	1,053	-	-
San Juan, PR.....	-	-	-	186	3,117	-94.0
Laredo, TX.....	10,991	31,607	1,270	73,481	1,964	NM
Milwaukee, WI.....	-	198	897	2,310	2,500	-7.6
<b>Total</b> .....	<b>21,468</b>	<b>36,143</b>	<b>38,901</b>	<b>167,317</b>	<b>90,552</b>	<b>84.8</b>

NM Changes of 500 percent or more are not shown.

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

Customs District	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>Total</b> .....	<b>\$31.53</b>	<b>\$30.48</b>	<b>\$32.57</b>	<b>\$31.48</b>	<b>\$32.19</b>	<b>-2.2</b>
<b>Exporting Country: Australia</b>						
Tampa, FL .....	-	-	-	\$20.36	-	-
Honolulu, HI .....	-	\$32.59	\$32.25	31.66	\$31.89	-0.7
<b>Total</b> .....	<b>-</b>	<b>32.59</b>	<b>32.25</b>	<b>27.26</b>	<b>31.89</b>	<b>-14.5</b>
<b>Exporting Country: Canada</b>						
Chicago, IL .....	-	-	-	-	\$48.32	-
Detroit, MI .....	\$35.66	\$39.32	\$46.73	\$38.06	45.96	-17.2
Great Falls, MT .....	-	37.89	-	37.54	-	-
Pembina, ND .....	36.87	28.12	25.75	30.79	26.51	16.1
Seattle, WA .....	29.80	30.93	28.13	30.17	29.57	2.0
<b>Total</b> .....	<b>35.43</b>	<b>36.06</b>	<b>36.69</b>	<b>35.03</b>	<b>35.40</b>	<b>-1.0</b>
<b>Exporting Country: Colombia</b>						
Mobile, AL .....	\$23.67	\$23.61	\$29.08	\$24.06	\$27.79	-13.4
Tampa, FL .....	32.14	30.61	30.16	30.98	30.72	.8
Savannah, GA .....	22.15	-	-	22.15	-	-
Boston, MA .....	32.79	29.06	32.79	33.44	32.75	2.1
Baltimore, MD .....	-	23.59	-	23.59	-	-
Portland, ME .....	-	-	-	-	35.17	-
New York City, NY .....	33.22	33.42	35.57	34.11	34.48	-1.1
Portland, OR .....	-	-	-	-	49.45	-
San Juan, PR .....	33.38	33.38	32.21	33.38	33.91	-1.5
Houston-Galveston, TX .....	-	-	-	-	34.47	-
Virgin Islands .....	-	32.57	29.04	31.16	29.04	7.3
<b>Total</b> .....	<b>28.83</b>	<b>27.19</b>	<b>30.98</b>	<b>29.14</b>	<b>31.21</b>	<b>-6.6</b>
<b>Exporting Country: Indonesia</b>						
Honolulu, HI .....	\$45.71	\$45.87	\$44.42	\$45.60	\$45.18	0.9
New Orleans, LA .....	-	-	25.28	23.41	23.22	.8
<b>Total</b> .....	<b>45.71</b>	<b>45.87</b>	<b>33.79</b>	<b>43.15</b>	<b>34.13</b>	<b>26.4</b>
<b>Exporting Country: Venezuela</b>						
Mobile, AL .....	-	-	\$28.74	\$28.32	\$28.51	-0.6
Miami, FL .....	-	-	-	-	36.30	-
Tampa, FL .....	-	-	-	-	37.60	-
Savannah, GA .....	\$28.78	\$29.11	-	28.92	21.85	32.4
New Orleans, LA .....	25.28	-	-	25.28	27.22	-7.1
Boston, MA .....	34.61	38.18	35.53	36.66	36.47	.5
Portland, ME .....	30.41	30.54	30.73	29.92	29.88	.1
New York City, NY .....	32.67	-	33.98	33.22	33.86	-1.9
Philadelphia, PA .....	-	-	28.49	-	30.51	-
San Juan, PR .....	29.50	28.35	29.94	29.13	30.29	-3.8
Houston-Galveston, TX .....	-	-	-	-	29.54	-
<b>Total</b> .....	<b>31.01</b>	<b>32.94</b>	<b>32.27</b>	<b>31.99</b>	<b>31.09</b>	<b>2.9</b>
<b>Other Exporting Countries</b>						
New Orleans, LA .....	-	-	-	\$31.65	-	-
Boston, MA .....	-	-	\$36.48	-	\$36.48	-
San Juan, PR .....	-	-	-	-	42.03	-
Laredo, TX .....	\$22.68	\$21.22	20.87	21.93	20.87	5.1
Milwaukee, WI .....	-	-	-	49.83	-	-
<b>Total</b> .....	<b>22.68</b>	<b>21.22</b>	<b>35.95</b>	<b>27.50</b>	<b>36.29</b>	<b>-24.2</b>

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

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

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

Company and Plant	October - December 1999	July - September 1999	October - December 1998	Year to Date		
				1999	1998	Percent Change
<b>U.S. Total</b> .....	<b>910,736</b>	<b>1,539,870</b>	<b>1,552,626</b>	<b>4,969,420</b>	<b>5,845,151</b>	<b>-15.0</b>
<b>Exporting Country: Australia</b>						
Jacksonville Electric Authority, St Johns River	-	-	-	62,910	-	-
<b>Total</b> .....	-	-	-	<b>62,910</b>	-	-
<b>Exporting Country: Colombia</b>						
Alabama Electric Coop Inc, Loman.....	66,562	145,757	-	291,006	-	-
Alabama Power Co (SC), Barry.....	-	148,975	-	262,037	-	-
Baltimore Gas and Electric, Brandon Shores.....	-	29,000	-	29,000	-	-
Central Hudson Gas & Electric, Danskammer	36,300	-	-	36,300	34,800	4.3
Central Power and Light (CSW), Coletto Creek	-	-	-	-	60,119	-
City Public Service, San Antonio JT	-	-	-	-	-	-
Deely/Spruce.....	-	-	-	-	24,000	-
Gulf Power, Crist.....	5,200	-	110,537	5,200	321,444	-98.4
Gulf Power, Scholtz.....	50,600	7,800	-	58,400	-	-
Gulf Power, Smith.....	3,400	-	-	3,400	-	-
Lakeland Dept of Elec Wtr Utils, Plant	-	-	-	-	-	-
3-Mcintosh.....	32,000	-	-	32,000	-	-
Jacksonville Electric Authority, St Johns River	45,370	300,200	608,280	1,020,310	1,587,910	-35.7
Mississippi Power (Southern Co), Watson.....	235,740	132,030	-	590,330	-	-
Mississippi Power (Southern Co), Daniel.....	-	49,220	-	110,970	-	-
New England Power (NEES), Brayton Point.....	-	-	-	-	263,000	-
New England Power (NEES), Salem Harbor.....	-	-	-	-	204,100	-
Public Serv Co of New Hampshire, Schiller.....	-	-	-	-	34,680	-
<b>Total</b> .....	<b>475,172</b>	<b>812,982</b>	<b>718,817</b>	<b>2,438,953</b>	<b>2,530,053</b>	<b>-3.6</b>
<b>Exporting Country: Indonesia</b>						
Cajun Electric Power Coop, Big Cajun No. 2.....	-	-	227,570	-	302,538	-
Tampa Electric, Davant Transfer.....	-	231,569	148,627	387,627	596,979	-35.1
<b>Total</b> .....	-	<b>231,569</b>	<b>376,197</b>	<b>387,627</b>	<b>899,517</b>	<b>-56.9</b>
<b>Exporting Country: Poland</b>						
Vineland, City of H M Down.....	-	3,970	-	3,970	-	-
<b>Total</b> .....	-	<b>3,970</b>	-	<b>3,970</b>	-	-
<b>Exporting Country: Venezuela</b>						
Central Hudson Gas & Electric, Danskammer	150,500	153,800	148,400	589,500	558,800	5.5
Central Power and Light (CSW), Coletto Creek	-	-	42,495	-	42,495	-
City Public Service, San Antonio JT	-	-	-	-	-	-
Deely/Spruce.....	-	-	-	-	43,000	-
Florida Power Corp, IMT Transfer.....	38,559	-	-	99,353	79,764	24.6
Gulf Power, Crist.....	55,100	80,500	611	243,284	112,391	116.5
Lakeland Dept of Elec Wtr Utils, Plant	-	-	-	-	-	-
3-Mcintosh.....	-	-	-	-	43,000	-
Mississippi Power (Southern Co), Watson.....	-	-	44,530	15,560	173,670	-91.0
New England Power (NEES), Brayton Point.....	-	-	-	-	209,500	-
New England Power (NEES), Salem Harbor.....	-	-	-	-	262,100	-
Public Serv Co of New Hampshire, Schiller.....	118,396	155,741	73,191	506,894	331,371	53.0
Public Serv Electric & Gas Co, Mercer.....	-	-	-	-	39,000	-
Savannah Electric and Power, McIntosh.....	5,205	-	-	5,205	-	-
Savannah Electric and Power, Port Wentworth	67,804	101,308	78,385	429,015	414,490	3.5
Tampa Electric, Davant Transfer.....	-	-	-	151,169	-	-
United Illuminating Co, Bridgeport Harbor.....	-	-	70,000	35,000	106,000	-67.0
Vineland, City of H M Down.....	-	-	-	980	-	-
<b>Total</b> .....	<b>435,564</b>	<b>491,349</b>	<b>457,612</b>	<b>2,075,960</b>	<b>2,415,581</b>	<b>-14.1</b>

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, 1993-1999**

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Alabama Electric Coop Inc, Lowman</b>						
<b>Colombia</b>						
<b>1999</b>						
January - March.....	11.3	11,507	0.48	5.48	143.0	32.91
April - June.....	67.4	11,664	.52	4.85	139.1	32.45
July - September.....	145.8	11,443	.57	4.33	139.8	31.98
October - December.....	66.6	11,516	.51	3.85	140.0	32.24
<b>Total.....</b>	<b>291.0</b>	<b>11,513</b>	<b>.54</b>	<b>4.39</b>	<b>139.8</b>	<b>32.19</b>
<b>Company and Plant: Alabama Power Co (SC), Barry</b>						
<b>Colombia</b>						
<b>1999</b>						
April - June.....	113.1	11,769	0.57	3.88	184.4	43.40
July - September.....	149.0	11,793	.53	2.96	185.6	43.78
<b>Total.....</b>	<b>262.0</b>	<b>11,783</b>	<b>.55</b>	<b>3.36</b>	<b>185.1</b>	<b>43.62</b>
<b>Company and Plant: Baltimore Gas and Electric, Brandon Shores</b>						
<b>Colombia</b>						
<b>1993.....</b>	<b>224.0</b>	<b>12,354</b>	<b>0.64</b>	<b>6.32</b>	<b>149.8</b>	<b>37.02</b>
<b>1994.....</b>	<b>88.0</b>	<b>12,379</b>	<b>.66</b>	<b>7.36</b>	<b>147.3</b>	<b>36.46</b>
<b>1999</b>						
July - September.....	29.0	12,003	.68	6.00	131.5	31.57
<b>Total.....</b>	<b>29.0</b>	<b>12,003</b>	<b>.68</b>	<b>6.00</b>	<b>131.5</b>	<b>31.57</b>
<b>Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2</b>						
<b>Indonesia</b>						
<b>1994.....</b>	<b>169.2</b>	<b>9,702</b>	<b>0.10</b>	<b>1.20</b>	<b>166.8</b>	<b>32.36</b>
<b>1998</b>						
July - September.....	75.0	9,596	.09	.53	214.4	41.15
October - December.....	227.6	9,448	.09	.97	178.6	33.75
<b>Total.....</b>	<b>302.5</b>	<b>9,485</b>	<b>.09</b>	<b>.86</b>	<b>187.6</b>	<b>35.58</b>
<b>Company and Plant: Carolina Power and Light, Sutton</b>						
<b>Colombia</b>						
<b>1994.....</b>	<b>26.6</b>	<b>12,200</b>	<b>0.70</b>	<b>9.00</b>	<b>145.5</b>	<b>35.50</b>
<b>Company and Plant: Central Hudson Gas &amp; Electric, Danskammer</b>						
<b>Colombia</b>						
<b>1997.....</b>	<b>147.0</b>	<b>13,032</b>	<b>0.65</b>	<b>7.17</b>	<b>171.3</b>	<b>44.64</b>
<b>1998</b>						
January - March.....	34.8	13,309	.62	7.38	169.8	45.20
<b>Total.....</b>	<b>34.8</b>	<b>13,309</b>	<b>.62</b>	<b>7.38</b>	<b>169.8</b>	<b>45.20</b>
<b>1999</b>						
October - December.....	36.3	13,277	.62	7.27	161.8	42.96
<b>Total.....</b>	<b>36.3</b>	<b>13,277</b>	<b>.62</b>	<b>7.27</b>	<b>161.8</b>	<b>42.96</b>
<b>Venezuela</b>						
<b>1995.....</b>	<b>28.2</b>	<b>13,281</b>	<b>.56</b>	<b>7.30</b>	<b>224.1</b>	<b>59.53</b>
<b>1997.....</b>	<b>350.4</b>	<b>13,172</b>	<b>.65</b>	<b>6.40</b>	<b>173.1</b>	<b>45.61</b>
<b>1998</b>						
January - March.....	122.6	13,311	.59	7.02	169.8	45.21
April - June.....	104.9	13,184	.65	7.70	170.0	44.82
July - September.....	182.9	12,953	.62	7.16	166.7	43.20
October - December.....	148.4	12,879	.66	6.51	163.2	42.02
<b>Total.....</b>	<b>558.8</b>	<b>13,055</b>	<b>.63</b>	<b>7.06</b>	<b>167.1</b>	<b>43.63</b>

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)**

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Central Hudson Gas &amp; Electric, Danskammer</b>						
<b>Venezuela</b>						
<b>1999</b>						
January - March.....	182.5	12,937	0.65	7.14	160.8	41.60
April - June.....	102.7	12,868	.67	6.34	158.3	40.74
July - September.....	153.8	13,166	.65	6.76	162.3	42.72
October - December.....	150.5	12,472	.64	5.10	158.1	39.45
<b>Total.....</b>	<b>589.5</b>	<b>12,866</b>	<b>.65</b>	<b>6.38</b>	<b>160.1</b>	<b>41.19</b>
<b>Company and Plant: City Public Service, San Antonio JT Deely/Spruce</b>						
<b>Colombia</b>						
<b>1997.....</b>						
.....	73.0	11,603	0.34	3.89	176.9	41.06
<b>1998</b>						
January - March.....	24.0	11,600	.33	3.80	200.6	46.54
<b>Total.....</b>	<b>24.0</b>	<b>11,600</b>	<b>.33</b>	<b>3.80</b>	<b>200.6</b>	<b>46.54</b>
<b>Venezuela</b>						
<b>1998</b>						
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
<b>Total.....</b>	<b>43.0</b>	<b>12,179</b>	<b>.70</b>	<b>6.00</b>	<b>185.7</b>	<b>45.22</b>
<b>Company and Plant: Central Power and Light (CSW), Coletto Creek</b>						
<b>Colombia</b>						
<b>1993.....</b>						
.....	122.5	12,109	0.60	5.90	148.5	35.98
<b>1994.....</b>						
.....	153.4	11,929	.55	5.03	148.9	35.51
<b>1997.....</b>						
.....	26.0	11,665	.47	6.00	173.2	40.41
<b>1998</b>						
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
<b>Total.....</b>	<b>60.1</b>	<b>12,760</b>	<b>.66</b>	<b>6.60</b>	<b>171.0</b>	<b>43.65</b>
<b>Venezuela</b>						
<b>1998</b>						
October - December.....	42.5	12,344	.73	9.20	164.8	40.69
<b>Total.....</b>	<b>42.5</b>	<b>12,344</b>	<b>.73</b>	<b>9.20</b>	<b>164.8</b>	<b>40.69</b>
<b>Company and Plant: Delmarva Power &amp; Light, Edgemoor</b>						
<b>Colombia</b>						
<b>1994.....</b>						
.....	22.0	12,370	0.58	5.98	168.2	41.61
<b>Company and Plant: Delmarva Power and Light, Indian River</b>						
<b>Colombia</b>						
<b>1995.....</b>						
.....	7.1	13,141	0.75	7.07	180.3	47.39
<b>Company and Plant: Detroit Edison Co, River Rouge</b>						
<b>Canada</b>						
<b>1994.....</b>						
.....	57.0	11,005	0.23	10.28	149.9	32.99
<b>Company and Plant: Florida Power Corp, IMT Transfer</b>						
<b>Venezuela</b>						
<b>1994.....</b>						
.....	84.4	12,778	0.64	6.50	156.3	39.93
<b>1998</b>						
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
<b>Total.....</b>	<b>79.8</b>	<b>12,968</b>	<b>.73</b>	<b>5.67</b>	<b>166.9</b>	<b>43.30</b>

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)**

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Florida Power Corp, IMT Transfer</b>						
<b>Venezuela</b>						
<b>1999</b>						
January - March.....	60.8	12,843	0.73	6.23	187.6	48.20
October - December.....	38.6	12,904	.66	5.62	151.1	39.01
<b>Total.....</b>	<b>99.4</b>	<b>12,867</b>	<b>.70</b>	<b>5.99</b>	<b>173.4</b>	<b>44.63</b>
<b>Company and Plant: Gulf Power, Crist</b>						
<b>Colombia</b>						
<b>1993.....</b>	280.2	11,983	0.59	5.53	188.5	45.18
<b>1994.....</b>	29.8	12,239	.59	5.30	160.9	39.38
<b>1998</b>						
April - June.....	43.6	12,481	.55	4.50	151.0	37.69
July - September.....	167.3	12,324	.67	5.35	150.0	36.97
October - December.....	110.5	12,335	.68	5.39	150.8	37.20
<b>Total.....</b>	<b>321.4</b>	<b>12,349</b>	<b>.65</b>	<b>5.25</b>	<b>150.4</b>	<b>37.15</b>
<b>1999</b>						
October - December.....	5.2	11,745	.39	3.80	135.9	31.92
<b>Total.....</b>	<b>5.2</b>	<b>11,745</b>	<b>.39</b>	<b>3.80</b>	<b>135.9</b>	<b>31.92</b>
<b>Venezuela</b>						
<b>1993.....</b>	234.8	12,992	.59	6.11	172.2	44.75
<b>1994.....</b>	283.4	12,252	1.03	6.28	216.9	53.15
<b>1995.....</b>	776.7	12,363	.92	6.29	230.9	57.09
<b>1996.....</b>	205.9	12,224	.95	5.90	230.6	56.37
<b>1998</b>						
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
October - December.....	.6	12,789	.75	5.80	143.7	36.76
<b>Total.....</b>	<b>112.4</b>	<b>12,602</b>	<b>.81</b>	<b>6.74</b>	<b>147.2</b>	<b>37.10</b>
<b>1999</b>						
January - March.....	61.0	12,619	.68	6.62	146.5	36.97
April - June.....	46.7	12,663	.67	6.60	146.4	37.08
July - September.....	80.5	12,663	.67	6.60	147.1	37.25
October - December.....	55.1	12,663	.67	6.60	147.3	37.31
<b>Total.....</b>	<b>243.3</b>	<b>12,652</b>	<b>.67</b>	<b>6.60</b>	<b>146.9</b>	<b>37.16</b>
<b>Company and Plant: Gulf Power, Scholtz</b>						
<b>Colombia</b>						
<b>1993.....</b>	7.5	12,170	0.62	7.50	164.4	40.01
<b>1999</b>						
July - September.....	7.8	11,826	.56	3.50	158.2	37.42
October - December.....	50.6	11,890	.55	3.70	156.0	37.10
<b>Total.....</b>	<b>58.4</b>	<b>11,881</b>	<b>.55</b>	<b>3.67</b>	<b>156.3</b>	<b>37.14</b>
<b>Venezuela</b>						
<b>1993.....</b>	16.0	12,958	.58	6.10	170.6	44.20
<b>Company and Plant: Gulf Power, Smith</b>						
<b>Colombia</b>						
<b>1993.....</b>	198.2	11,823	0.61	5.96	184.6	43.65
<b>1994.....</b>	286.6	12,299	.61	4.17	172.3	42.39
<b>1999</b>						
October - December.....	3.4	11,890	.55	3.70	129.4	30.77
<b>Total.....</b>	<b>3.4</b>	<b>11,890</b>	<b>.55</b>	<b>3.70</b>	<b>129.4</b>	<b>30.77</b>
<b>South Africa</b>						
<b>1994.....</b>	127.3	11,318	.65	12.60	181.1	41.00

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)**

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Gulf Power, Smith</b>						
<b>Venezuela</b>						
1994.....	53.8	12,272	0.96	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
<b>Company and Plant: Holyoke Water Power (NU), Mount Tom</b>						
<b>Indonesia</b>						
1994.....	7.9	12,651	0.43	3.30	195.4	49.44
<b>Company and Plant: Jacksonville Electric Authority, St Johns River</b>						
<b>Australia</b>						
1999						
January - March.....	62.9	11,506	0.67	11.80	124.2	28.58
<b>Total</b> .....	<b>62.9</b>	<b>11,506</b>	<b>.67</b>	<b>11.80</b>	<b>124.2</b>	<b>28.58</b>
<b>Colombia</b>						
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.....	1,385.3	11,851	.78	7.42	150.1	35.59
1998						
January - March.....	359.3	11,802	.65	7.13	149.0	35.16
April - June.....	296.8	11,796	.61	6.83	147.2	34.72
July - September.....	323.5	11,838	.66	6.73	146.1	34.58
October - December.....	608.3	11,834	.68	6.73	141.3	33.44
<b>Total</b> .....	<b>1,587.9</b>	<b>11,821</b>	<b>.66</b>	<b>6.84</b>	<b>145.1</b>	<b>34.30</b>
1999						
January - March.....	406.4	11,797	.66	7.30	147.4	34.79
April - June.....	268.3	11,825	.65	7.19	146.3	34.61
July - September.....	300.2	11,811	.67	7.24	146.8	34.67
October - December.....	45.4	11,792	.65	7.10	147.4	34.76
<b>Total</b> .....	<b>1,020.3</b>	<b>11,808</b>	<b>.66</b>	<b>7.24</b>	<b>146.9</b>	<b>34.70</b>
<b>Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh</b>						
<b>Colombia</b>						
1999						
October - December.....	32.0	11,570	0.71	4.50	168.1	38.90
<b>Total</b> .....	<b>32.0</b>	<b>11,570</b>	<b>.71</b>	<b>4.50</b>	<b>168.1</b>	<b>38.90</b>
<b>Venezuela</b>						
1998						
April - June.....	6.0	12,941	.62	5.70	175.2	45.35
July - September.....	37.0	12,941	.62	5.70	175.8	45.50
<b>Total</b> .....	<b>43.0</b>	<b>12,941</b>	<b>.62</b>	<b>5.70</b>	<b>175.7</b>	<b>45.48</b>
<b>Company and Plant: Mississippi Power (Southern Co), Daniel</b>						
<b>Colombia</b>						
1999						
January - March.....	61.8	11,385	0.43	6.10	156.6	35.66
July - September.....	49.2	11,745	.39	3.80	163.7	38.45
<b>Total</b> .....	<b>111.0</b>	<b>11,545</b>	<b>.41</b>	<b>5.08</b>	<b>159.8</b>	<b>36.90</b>
<b>Indonesia</b>						
1993.....	67.5	9,745	.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, 1993-1999 (Continued)**

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Mississippi Power (Southern Co), Watson</b>						
<b>Colombia</b>						
<b>1999</b>						
January - March.....	117.0	11,863	0.47	3.99	147.1	34.90
April - June.....	105.6	11,811	.50	4.30	147.1	34.75
July - September.....	132.0	11,791	.39	3.66	140.0	33.02
October - December.....	235.7	11,579	.40	4.04	140.9	32.62
<b>Total.....</b>	<b>590.3</b>	<b>11,724</b>	<b>.43</b>	<b>3.99</b>	<b>143.0</b>	<b>33.54</b>
<b>Venezuela</b>						
<b>1998</b>						
January - March.....	13.6	12,312	.71	5.20	154.1	37.95
April - June.....	51.1	12,617	.76	7.20	137.1	34.60
July - September.....	64.5	12,617	.76	7.20	137.0	34.57
October - December.....	44.5	12,590	.74	6.80	145.2	36.56
<b>Total.....</b>	<b>173.7</b>	<b>12,586</b>	<b>.75</b>	<b>6.94</b>	<b>140.4</b>	<b>35.35</b>
<b>1999</b>						
January - March.....	15.6	12,165	.75	7.60	142.5	34.67
<b>Total.....</b>	<b>15.6</b>	<b>12,165</b>	<b>.75</b>	<b>7.60</b>	<b>142.5</b>	<b>34.67</b>
<b>Company and Plant: New England Power (NEES), Brayton Point</b>						
<b>Colombia</b>						
<b>1993.....</b>	<b>187.2</b>	<b>12,144</b>	<b>0.64</b>	<b>5.42</b>	<b>178.5</b>	<b>43.35</b>
<b>1994.....</b>	<b>51.3</b>	<b>12,131</b>	<b>.65</b>	<b>5.60</b>	<b>172.2</b>	<b>41.78</b>
<b>1995.....</b>	<b>307.8</b>	<b>12,218</b>	<b>.60</b>	<b>5.22</b>	<b>164.6</b>	<b>40.23</b>
<b>1996.....</b>	<b>427.5</b>	<b>12,014</b>	<b>.59</b>	<b>5.52</b>	<b>168.0</b>	<b>40.35</b>
<b>1997.....</b>	<b>668.5</b>	<b>12,119</b>	<b>.64</b>	<b>5.79</b>	<b>165.6</b>	<b>40.14</b>
<b>1998</b>						
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
<b>Total.....</b>	<b>263.0</b>	<b>12,125</b>	<b>.64</b>	<b>6.10</b>	<b>161.4</b>	<b>39.14</b>
<b>Venezuela</b>						
<b>1993.....</b>	<b>239.9</b>	<b>13,132</b>	<b>.71</b>	<b>7.83</b>	<b>162.5</b>	<b>42.67</b>
<b>1994.....</b>	<b>351.2</b>	<b>12,955</b>	<b>.71</b>	<b>7.03</b>	<b>154.2</b>	<b>39.95</b>
<b>1995.....</b>	<b>510.6</b>	<b>12,788</b>	<b>.69</b>	<b>7.03</b>	<b>160.0</b>	<b>40.92</b>
<b>1996.....</b>	<b>572.4</b>	<b>12,937</b>	<b>.67</b>	<b>6.29</b>	<b>162.4</b>	<b>42.01</b>
<b>1997.....</b>	<b>292.5</b>	<b>13,122</b>	<b>.68</b>	<b>6.35</b>	<b>165.2</b>	<b>43.36</b>
<b>1998</b>						
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
<b>Total.....</b>	<b>209.5</b>	<b>13,149</b>	<b>.65</b>	<b>7.73</b>	<b>152.0</b>	<b>39.98</b>
<b>Company and Plant: New England Power (NEES), Salem Harbor</b>						
<b>Colombia</b>						
<b>1994.....</b>	<b>84.2</b>	<b>12,017</b>	<b>0.57</b>	<b>6.07</b>	<b>159.9</b>	<b>38.44</b>
<b>1995.....</b>	<b>250.1</b>	<b>12,166</b>	<b>.60</b>	<b>5.26</b>	<b>147.9</b>	<b>35.99</b>
<b>1996.....</b>	<b>202.9</b>	<b>12,069</b>	<b>.57</b>	<b>5.77</b>	<b>148.6</b>	<b>35.86</b>
<b>1997.....</b>	<b>409.1</b>	<b>12,101</b>	<b>.63</b>	<b>6.17</b>	<b>167.2</b>	<b>40.46</b>
<b>1998</b>						
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
<b>Total.....</b>	<b>204.1</b>	<b>12,105</b>	<b>.60</b>	<b>5.46</b>	<b>180.8</b>	<b>43.77</b>
<b>Venezuela</b>						
<b>1993.....</b>	<b>236.2</b>	<b>12,921</b>	<b>.57</b>	<b>6.65</b>	<b>162.5</b>	<b>41.99</b>
<b>1994.....</b>	<b>565.5</b>	<b>12,678</b>	<b>.64</b>	<b>6.49</b>	<b>159.6</b>	<b>40.47</b>
<b>1995.....</b>	<b>393.1</b>	<b>12,846</b>	<b>.65</b>	<b>6.34</b>	<b>162.4</b>	<b>41.72</b>
<b>1996.....</b>	<b>563.1</b>	<b>12,849</b>	<b>.70</b>	<b>6.17</b>	<b>155.5</b>	<b>39.96</b>
<b>1997.....</b>	<b>90.4</b>	<b>12,934</b>	<b>.69</b>	<b>5.82</b>	<b>156.8</b>	<b>40.58</b>

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)**

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: New England Power (NEES), Salem Harbor</b>						
<b>Venezuela</b>						
<b>1998</b>						
January - March.....	100.9	13,000	0.70	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
<b>Total.....</b>	<b>262.1</b>	<b>12,946</b>	<b>.71</b>	<b>5.59</b>	<b>153.2</b>	<b>39.68</b>
<b>Company and Plant: Public Serv Co of Indiana, Gallagher</b>						
<b>Indonesia</b>						
<b>1993.....</b>	<b>11.1</b>	<b>9,242</b>	<b>0.13</b>	<b>1.35</b>	<b>104.8</b>	<b>19.38</b>
<b>Company and Plant: Public Serv Co of New Hampshire, Merrimack</b>						
<b>Colombia</b>						
<b>1995.....</b>	<b>11.5</b>	<b>11,578</b>	<b>0.53</b>	<b>3.80</b>	<b>192.9</b>	<b>44.67</b>
<b>Indonesia</b>						
<b>1993.....</b>	<b>21.2</b>	<b>12,620</b>	<b>.49</b>	<b>3.80</b>	<b>186.5</b>	<b>47.07</b>
<b>1997.....</b>	<b>40.8</b>	<b>12,300</b>	<b>.49</b>	<b>4.50</b>	<b>190.7</b>	<b>46.92</b>
<b>Venezuela</b>						
<b>1993.....</b>	<b>24.9</b>	<b>12,920</b>	<b>.58</b>	<b>6.00</b>	<b>163.2</b>	<b>42.17</b>
<b>1996.....</b>	<b>39.9</b>	<b>12,370</b>	<b>.39</b>	<b>3.70</b>	<b>213.2</b>	<b>52.75</b>
<b>Company and Plant: Public Serv Co of New Hampshire, Schiller</b>						
<b>Colombia</b>						
<b>1993.....</b>	<b>52.1</b>	<b>12,861</b>	<b>0.64</b>	<b>7.49</b>	<b>150.0</b>	<b>38.59</b>
<b>1994.....</b>	<b>163.3</b>	<b>12,505</b>	<b>.62</b>	<b>5.55</b>	<b>135.5</b>	<b>33.89</b>
<b>1995.....</b>	<b>122.9</b>	<b>12,733</b>	<b>.62</b>	<b>6.70</b>	<b>160.0</b>	<b>40.73</b>
<b>1996.....</b>	<b>32.3</b>	<b>12,169</b>	<b>.66</b>	<b>5.68</b>	<b>161.9</b>	<b>39.41</b>
<b>1997.....</b>	<b>35.4</b>	<b>13,231</b>	<b>.63</b>	<b>6.70</b>	<b>160.1</b>	<b>42.37</b>
<b>1998</b>						
January - March.....	34.7	13,188	.64	5.50	172.8	45.58
<b>Total.....</b>	<b>34.7</b>	<b>13,188</b>	<b>.64</b>	<b>5.50</b>	<b>172.8</b>	<b>45.58</b>
<b>Indonesia</b>						
<b>1993.....</b>	<b>16.0</b>	<b>12,620</b>	<b>.49</b>	<b>3.80</b>	<b>161.3</b>	<b>40.71</b>
<b>1994.....</b>	<b>113.0</b>	<b>12,360</b>	<b>.53</b>	<b>3.58</b>	<b>158.7</b>	<b>39.23</b>
<b>1995.....</b>	<b>79.7</b>	<b>12,300</b>	<b>.52</b>	<b>4.56</b>	<b>167.8</b>	<b>41.28</b>
<b>1996.....</b>	<b>25.9</b>	<b>12,412</b>	<b>.72</b>	<b>8.20</b>	<b>161.9</b>	<b>40.19</b>
<b>Venezuela</b>						
<b>1993.....</b>	<b>84.3</b>	<b>12,972</b>	<b>.58</b>	<b>6.08</b>	<b>138.6</b>	<b>35.95</b>
<b>1995.....</b>	<b>82.4</b>	<b>13,044</b>	<b>.71</b>	<b>7.24</b>	<b>156.5</b>	<b>40.84</b>
<b>1996.....</b>	<b>56.1</b>	<b>13,061</b>	<b>.67</b>	<b>6.04</b>	<b>159.8</b>	<b>41.75</b>
<b>1997.....</b>	<b>229.0</b>	<b>12,217</b>	<b>.67</b>	<b>6.13</b>	<b>160.7</b>	<b>39.27</b>
<b>1998</b>						
January - March.....	73.9	13,161	.65	5.20	148.9	39.20
April - June.....	73.8	12,796	.68	6.15	145.8	37.30
July - September.....	110.4	12,784	.67	5.86	147.8	37.80
October - December.....	73.2	12,982	.61	5.62	150.0	38.94
<b>Total.....</b>	<b>331.4</b>	<b>12,914</b>	<b>.65</b>	<b>5.72</b>	<b>148.1</b>	<b>38.25</b>
<b>1999</b>						
January - March.....	113.9	13,177	.65	5.20	147.3	38.81
April - June.....	118.8	12,823	.70	6.28	144.3	37.02
July - September.....	155.7	13,077	.69	6.14	141.4	36.98
October - December.....	118.4	12,863	.65	4.30	137.9	35.47
<b>Total.....</b>	<b>506.9</b>	<b>12,990</b>	<b>.67</b>	<b>5.53</b>	<b>142.6</b>	<b>37.05</b>

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)**

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Electric &amp; Gas Co, Mercer</b>						
<b>Venezuela</b>						
1998						
January - March.....	39.0	12,998	0.68	5.50	155.3	40.37
<b>Total</b> .....	<b>39.0</b>	<b>12,998</b>	<b>.68</b>	<b>5.50</b>	<b>155.3</b>	<b>40.37</b>
<b>Company and Plant: Public Serv Electric &amp; Gas-NJ, Hudson</b>						
<b>Colombia</b>						
1994.....	22.5	12,870	0.68	6.90	166.9	42.96
<b>Company and Plant: Savannah Electric and Power, Port Wentworth</b>						
<b>Colombia</b>						
1994.....	11.9	11,235	0.69	5.87	214.1	48.12
<b>Venezuela</b>						
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.....	279.1	11,949	1.28	7.72	135.1	32.29
<b>1998</b>						
January - March.....	79.0	13,018	.67	5.50	152.4	39.68
April - June.....	71.4	11,986	1.58	8.20	147.8	35.43
July - September.....	185.8	12,491	1.01	7.42	141.8	35.43
October - December.....	78.4	12,427	.86	7.40	140.4	34.89
<b>Total</b> .....	<b>414.5</b>	<b>12,492</b>	<b>1.01</b>	<b>7.19</b>	<b>144.6</b>	<b>36.14</b>
<b>1999</b>						
January - March.....	106.6	12,422	.76	8.00	142.6	35.43
April - June.....	153.3	12,820	.71	7.00	133.7	34.27
July - September.....	101.3	12,440	.78	6.60	142.4	35.44
October - December.....	67.8	12,234	.77	7.47	142.4	34.84
<b>Total</b> .....	<b>429.0</b>	<b>12,539</b>	<b>.75</b>	<b>7.23</b>	<b>139.3</b>	<b>34.92</b>
<b>Company and Plant: Takoma Dept. of Public Utilities, Steam No.2</b>						
<b>Canada</b>						
1993.....	29.2	10,036	0.48	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.....	9.6	10,144	.43	12.25	171.4	34.79
<b>Company and Plant: Tampa Electric, Davant Transfer<sup>2</sup></b>						
<b>Colombia</b>						
1993.....	222.2	10,844	0.62	7.63	166.6	36.13
<b>Indonesia</b>						
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.....	741.3	9,614	.35	1.44	162.7	31.29
<b>1998</b>						
January - March.....	73.8	9,507	.38	1.10	163.3	31.05
April - June.....	223.5	9,623	.21	1.13	157.9	30.38
July - September.....	151.0	9,419	.14	1.05	155.0	29.20
October - December.....	148.6	9,454	.20	1.05	154.8	29.27
<b>Total</b> .....	<b>597.0</b>	<b>9,515</b>	<b>.21</b>	<b>1.09</b>	<b>157.1</b>	<b>29.89</b>
<b>1999</b>						
April - June.....	156.1	9,393	.14	1.00	130.4	24.50
July - September.....	231.6	9,422	.11	1.03	131.6	24.80
<b>Total</b> .....	<b>387.6</b>	<b>9,410</b>	<b>.12</b>	<b>1.02</b>	<b>131.1</b>	<b>24.68</b>

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)**

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Tampa Electric, Davant Transfer<sup>2</sup></b>						
<b>Venezuela</b>						
1993.....	61.4	11,056	1.48	9.78	220.7	48.80
1997.....	58.6	12,953	1.47	3.50	130.2	33.73
<b>1999</b>						
January - March.....	73.5	9,349	.28	1.10	163.3	30.53
April - June.....	77.7	9,396	.08	12.00	130.8	24.58
<b>Total</b> .....	<b>151.2</b>	<b>9,373</b>	<b>.18</b>	<b>6.70</b>	<b>146.6</b>	<b>27.47</b>
<b>Company and Plant: United Illuminating Co, Bridgeport Harbor</b>						
<b>Venezuela</b>						
1996.....	28.0	13,174	0.61	4.10	185.0	48.74
1997.....	35.0	13,387	.64	4.30	169.6	45.41
<b>1998</b>						
April - June.....	36.0	13,677	.58	4.00	161.6	44.20
October - December.....	70.0	12,780	.61	6.22	176.2	45.03
<b>Total</b> .....	<b>106.0</b>	<b>13,084</b>	<b>.60</b>	<b>5.47</b>	<b>171.0</b>	<b>44.75</b>
<b>1999</b>						
January - March.....	35.0	13,541	.61	4.85	169.3	45.85
<b>Total</b> .....	<b>35.0</b>	<b>13,541</b>	<b>.61</b>	<b>4.85</b>	<b>169.3</b>	<b>45.85</b>
<b>Company and Plant: Vineland, City of H M Down</b>						
<b>Poland</b>						
<b>1999</b>						
July - September.....	4.0	12,842	0.78	6.21	193.0	49.57
<b>Total</b> .....	<b>4.0</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.57</b>
<b>Venezuela</b>						
<b>1999</b>						
January - March.....	1.0	12,842	.78	6.21	193.0	49.57
<b>Total</b> .....	<b>1.0</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.57</b>
<b>Company and Plant: Vineland, City of H M Down</b>						
<b>Poland</b>						
<b>1999</b>						
July - September.....	4.0	12,842	0.78	6.21	193.0	49.57
<b>Total</b> .....	<b>4.0</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.57</b>
<b>Venezuela</b>						
<b>1999</b>						
January - March.....	1.0	12,842	.78	6.21	193.0	49.57
<b>Total</b> .....	<b>1.0</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.57</b>
<b>Total of U.S. Electric Utility Plants</b>						
<b>Australia</b>						
<b>1999</b>						
January - March.....	62.9	11,506	0.67	11.80	124.2	28.58
<b>Total</b> .....	<b>62.9</b>	<b>11,506</b>	<b>.67</b>	<b>11.80</b>	<b>124.2</b>	<b>28.58</b>
<b>Canada</b>						
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.....	9.6	10,144	.43	12.25	171.4	34.79
<b>Colombia</b>						
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

See footnotes at the end of Table A6.

**Table A6. Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 (Continued)**

Exporting Country and Time Period	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Total of U.S. Electric Utility Plants</b>						
<b>Colombia</b>						
1996.....	2,079.9	11,883	0.64	7.04	155.7	37.01
1997.....	2,744.4	12,026	.70	6.71	158.8	38.18
<b>1998</b>						
January - March.....	680.8	12,049	.63	6.61	160.8	38.74
April - June.....	523.1	11,996	.61	6.18	153.2	36.75
July - September.....	607.3	12,060	.66	6.22	153.5	37.01
October - December.....	718.8	11,911	.68	6.52	142.8	34.02
<b>Total.....</b>	<b>2,530.1</b>	<b>12,002</b>	<b>.65</b>	<b>6.40</b>	<b>152.4</b>	<b>36.57</b>
<b>1999</b>						
January - March.....	596.4	11,762	.59	6.49	148.2	34.87
April - June.....	554.4	11,791	.59	5.68	153.4	36.16
July - September.....	813.0	11,741	.57	5.06	152.2	35.73
October - December.....	475.2	11,757	.49	4.54	146.5	34.44
<b>Total.....</b>	<b>2,439.0</b>	<b>11,761</b>	<b>.56</b>	<b>5.45</b>	<b>150.4</b>	<b>35.37</b>
<b>Indonesia</b>						
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.....	782.0	9,754	.36	1.60	164.6	32.10
<b>1998</b>						
January - March.....	73.8	9,507	.38	1.10	163.3	31.05
April - June.....	223.5	9,623	.21	1.13	157.9	30.38
July - September.....	226.0	9,478	.12	.88	175.0	33.16
October - December.....	376.2	9,450	.13	1.00	169.2	31.98
<b>Total.....</b>	<b>899.5</b>	<b>9,505</b>	<b>.17</b>	<b>1.01</b>	<b>167.3</b>	<b>31.80</b>
<b>1999</b>						
April - June.....	156.1	9,393	.14	1.00	130.4	24.50
July - September.....	231.6	9,422	.11	1.03	131.6	24.80
<b>Total.....</b>	<b>387.6</b>	<b>9,410</b>	<b>.12</b>	<b>1.02</b>	<b>131.1</b>	<b>24.68</b>
<b>Poland</b>						
<b>1999</b>						
July - September.....	4.0	12,842	.78	6.21	193.0	49.57
<b>Total.....</b>	<b>4.0</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.57</b>
<b>South Africa</b>						
1994.....	127.3	11,318	.65	12.60	181.1	41.00
<b>Venezuela</b>						
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.....	1,335.1	12,722	.83	6.40	158.7	40.38
<b>1998</b>						
January - March.....	624.6	13,094	.66	6.27	158.5	41.52
April - June.....	510.8	12,826	.83	6.80	152.5	39.13
July - September.....	783.6	12,731	.75	6.79	153.7	39.15
October - December.....	457.6	12,725	.69	6.76	157.6	40.11
<b>Total.....</b>	<b>2,376.6</b>	<b>12,846</b>	<b>.73</b>	<b>6.65</b>	<b>155.5</b>	<b>39.95</b>
<b>1999</b>						
January - March.....	649.8	12,464	.64	6.01	156.9	39.11
April - June.....	499.2	12,283	.60	7.43	142.5	35.01
July - September.....	491.3	12,906	.69	6.50	149.2	38.50
October - December.....	430.4	12,605	.67	5.49	148.0	37.31
<b>Total.....</b>	<b>2,070.8</b>	<b>12,555</b>	<b>.65</b>	<b>6.36</b>	<b>149.8</b>	<b>37.60</b>

<sup>1</sup> Data reported on quality of coal as received.

<sup>2</sup> Coal delivered to Tampa Electric's Davant Transfer (New Orleans) is ultimately shipped to Tampa Electric's Big Bend and Gannon plants incurring an additional transportation cost.

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

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

**Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1993-1999**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Alabama Electric Coop Inc, Lowman</b>						
<b>1993</b>						
Alabama .....	1,183.6	12,071	1.28	12.05	144.4	34.87
<b>Total .....</b>	<b>1,183.6</b>	<b>12,071</b>	<b>1.28</b>	<b>12.05</b>	<b>144.4</b>	<b>34.87</b>
<b>1994</b>						
Alabama .....	898.8	12,067	1.34	12.18	144.3	34.82
Kentucky .....	312.2	11,993	1.37	10.93	149.2	35.78
West Virginia .....	261.1	12,414	1.02	11.50	138.2	34.32
<b>Total .....</b>	<b>1,472.0</b>	<b>12,113</b>	<b>1.29</b>	<b>11.79</b>	<b>144.2</b>	<b>34.94</b>
<b>1995</b>						
Alabama .....	986.7	12,188	1.51	10.83	145.5	35.47
Illinois .....	9.6	12,532	2.63	9.21	124.4	31.18
Kentucky .....	6.6	11,558	1.47	11.85	145.7	33.68
West Virginia .....	340.4	12,282	1.17	11.87	139.4	34.24
<b>Total .....</b>	<b>1,343.3</b>	<b>12,211</b>	<b>1.43</b>	<b>11.09</b>	<b>143.8</b>	<b>35.12</b>
<b>1996</b>						
Alabama .....	683.7	11,978	1.97	11.54	138.6	33.21
Illinois .....	685.3	12,606	2.70	8.84	127.1	32.06
Kentucky .....	78.1	11,988	2.17	10.47	147.0	35.25
<b>Total .....</b>	<b>1,447.1</b>	<b>12,276</b>	<b>2.33</b>	<b>10.20</b>	<b>133.5</b>	<b>32.77</b>
<b>1997</b>						
Alabama .....	705.1	11,986	2.19	11.96	137.3	32.92
Illinois .....	302.1	12,115	1.24	6.97	144.3	34.96
Kentucky .....	405.7	12,371	1.62	8.60	141.6	35.03
<b>Total .....</b>	<b>1,412.9</b>	<b>12,124</b>	<b>1.82</b>	<b>9.93</b>	<b>140.1</b>	<b>33.96</b>
<b>1998</b>						
Alabama .....	969.9	11,965	2.05	12.31	133.2	31.88
Illinois .....	386.0	12,484	2.33	8.62	133.3	33.29
Kentucky .....	153.7	11,872	2.08	9.38	137.1	32.55
<b>Total .....</b>	<b>1,509.6</b>	<b>12,088</b>	<b>2.13</b>	<b>11.07</b>	<b>133.6</b>	<b>32.31</b>
<b>1999</b>						
January - March						
Alabama .....	213.0	11,858	1.60	12.52	136.7	32.42
Illinois .....	145.9	11,895	1.23	6.39	142.2	33.82
Kentucky .....	6.3	11,717	1.00	11.35	146.2	34.26
Colombia .....	11.3	11,507	.48	5.48	143.0	32.91
<b>Total .....</b>	<b>376.5</b>	<b>11,860</b>	<b>1.41</b>	<b>9.91</b>	<b>139.2</b>	<b>33.01</b>
April - June						
Alabama .....	185.4	11,918	1.66	12.62	137.2	32.71
Illinois .....	153.2	11,943	.98	5.84	143.2	34.20
Kentucky .....	7.9	11,808	1.00	10.69	146.3	34.55
Colombia .....	67.4	11,664	.52	4.85	139.1	32.45
<b>Total .....</b>	<b>414.0</b>	<b>11,884</b>	<b>1.21</b>	<b>8.81</b>	<b>139.9</b>	<b>33.25</b>
July - September						
Alabama .....	142.9	11,850	1.72	13.15	136.7	32.39
Illinois .....	120.1	11,912	.96	6.20	144.0	34.31
Colombia .....	145.8	11,443	.57	4.33	139.8	31.98
<b>Total .....</b>	<b>408.8</b>	<b>11,723</b>	<b>1.09</b>	<b>7.96</b>	<b>139.9</b>	<b>32.81</b>
October - December						
Alabama .....	160.7	11,838	1.53	11.97	137.4	32.54
Illinois .....	126.2	11,953	1.12	5.77	144.6	34.56
Colombia .....	66.6	11,516	.51	3.85	140.0	32.24
<b>Total .....</b>	<b>353.5</b>	<b>11,818</b>	<b>1.19</b>	<b>8.23</b>	<b>140.5</b>	<b>33.21</b>
<b>Year to Date</b>						
Alabama .....	702.1	11,868	1.62	12.55	137.0	32.52
Illinois .....	545.4	11,926	1.07	6.05	143.4	34.21
Kentucky .....	14.2	11,768	1.00	10.98	146.3	34.42
Colombia .....	291.0	11,513	.54	4.39	139.8	32.19
<b>Total .....</b>	<b>1,552.8</b>	<b>11,821</b>	<b>1.22</b>	<b>8.72</b>	<b>139.9</b>	<b>33.07</b>
<b>Company and Plant: Alabama Power Co (SC), Barry</b>						
<b>1993</b>						
Alabama .....	840.1	12,212	0.93	11.60	211.7	51.71
<b>Total .....</b>	<b>840.1</b>	<b>12,212</b>	<b>.93</b>	<b>11.60</b>	<b>211.7</b>	<b>51.71</b>
<b>1994</b>						
Alabama .....	1,484.0	12,357	.87	10.27	199.7	49.35
Kentucky .....	36.4	11,633	.82	11.32	146.8	34.15
West Virginia .....	491.5	12,196	.88	11.47	151.0	36.83
<b>Total .....</b>	<b>2,011.9</b>	<b>12,305</b>	<b>.87</b>	<b>10.58</b>	<b>187.0</b>	<b>46.01</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Alabama Power Co (SC), Barry</b>						
<b>1995</b>						
Alabama .....	1,358.3	12,530	0.90	9.32	198.7	49.80
Illinois .....	84.1	12,063	.90	5.62	138.0	33.30
Kentucky .....	115.3	11,775	.93	10.32	141.5	33.32
West Virginia.....	132.9	12,009	.84	12.19	139.2	33.43
<b>Total .....</b>	<b>1,690.6</b>	<b>12,414</b>	<b>.90</b>	<b>9.43</b>	<b>187.6</b>	<b>46.57</b>
<b>1996</b>						
Alabama .....	1,523.3	12,318	.71	12.08	205.3	50.59
Illinois .....	609.3	11,903	.85	6.13	138.3	32.93
Kentucky .....	64.8	12,098	.75	13.25	144.6	35.00
West Virginia.....	3.0	12,530	.96	11.30	135.2	33.88
<b>Total .....</b>	<b>2,200.3</b>	<b>12,197</b>	<b>.75</b>	<b>10.47</b>	<b>185.4</b>	<b>45.22</b>
<b>1997</b>						
Alabama .....	2,098.7	12,206	.72	12.70	206.3	50.35
Illinois .....	915.4	12,010	.90	6.15	135.0	32.44
Kentucky .....	34.0	11,970	.81	11.42	147.5	35.32
West Virginia.....	99.3	12,263	.82	12.39	146.6	35.95
<b>Total .....</b>	<b>3,147.4</b>	<b>12,148</b>	<b>.78</b>	<b>10.77</b>	<b>183.3</b>	<b>44.52</b>
<b>1998</b>						
Alabama .....	3,012.0	12,246	.71	12.38	201.5	49.35
Illinois .....	306.1	12,179	.83	7.88	153.8	37.47
<b>Total .....</b>	<b>3,318.0</b>	<b>12,240</b>	<b>.72</b>	<b>11.97</b>	<b>197.1</b>	<b>48.25</b>
<b>1999</b>						
January - March						
Alabama .....	917.8	12,120	.67	12.95	205.9	49.90
Illinois .....	59.6	12,073	.91	6.04	245.9	59.38
<b>Total .....</b>	<b>977.4</b>	<b>12,117</b>	<b>.68</b>	<b>12.53</b>	<b>208.3</b>	<b>50.48</b>
April - June						
Alabama .....	1,053.5	12,116	.74	13.55	206.0	49.92
Colombia.....	113.1	11,769	.57	3.88	184.4	43.40
<b>Total .....</b>	<b>1,166.6</b>	<b>12,083</b>	<b>.72</b>	<b>12.61</b>	<b>204.0</b>	<b>49.29</b>
July - September						
Alabama .....	813.1	12,190	.72	13.39	207.2	50.52
Colombia.....	149.0	11,793	.53	2.96	185.6	43.78
<b>Total .....</b>	<b>962.1</b>	<b>12,129</b>	<b>.69</b>	<b>11.78</b>	<b>204.0</b>	<b>49.48</b>
October - December						
Alabama .....	989.3	12,446	.74	11.35	210.8	52.47
<b>Total .....</b>	<b>989.3</b>	<b>12,446</b>	<b>.74</b>	<b>11.35</b>	<b>210.8</b>	<b>52.47</b>
<b>Year to Date</b>						
Alabama .....	3,773.7	12,220	.72	12.79	207.5	50.71
Illinois .....	59.6	12,073	.91	6.04	245.9	59.38
Colombia.....	262.0	11,783	.55	3.36	185.1	43.62
<b>Total .....</b>	<b>4,095.4</b>	<b>12,190</b>	<b>.71</b>	<b>12.09</b>	<b>206.7</b>	<b>50.39</b>
<b>Company and Plant: Baltimore Gas and Electric, Brandon Shores</b>						
<b>1993</b>						
Kentucky .....	841.0	12,940	0.70	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
<b>Total .....</b>	<b>2,648.0</b>	<b>12,747</b>	<b>.68</b>	<b>8.73</b>	<b>155.2</b>	<b>39.56</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>3,481.0</b>	<b>12,587</b>	<b>.68</b>	<b>10.20</b>	<b>150.3</b>	<b>37.85</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>3,454.0</b>	<b>12,608</b>	<b>.69</b>	<b>10.15</b>	<b>147.5</b>	<b>37.19</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>3,865.0</b>	<b>12,539</b>	<b>.69</b>	<b>10.66</b>	<b>143.6</b>	<b>36.02</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Baltimore Gas and Electric, Brandon Shores</b>						
<b>1997</b>						
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
<b>Total</b> .....	<b>3,356.0</b>	<b>12,590</b>	<b>.68</b>	<b>10.71</b>	<b>141.9</b>	<b>35.73</b>
<b>1998</b>						
Kentucky.....	485.0	13,112	.76	6.52	145.9	38.26
West Virginia.....	2,770.0	12,527	.70	11.51	138.8	34.77
<b>Total</b> .....	<b>3,255.0</b>	<b>12,614</b>	<b>.70</b>	<b>10.77</b>	<b>139.9</b>	<b>35.29</b>
<b>1999</b>						
January - March						
Kentucky.....	101.0	13,008	.71	7.24	140.5	36.56
West Virginia.....	885.0	12,529	.69	12.22	138.2	34.63
<b>Total</b> .....	<b>986.0</b>	<b>12,578</b>	<b>.69</b>	<b>11.71</b>	<b>138.5</b>	<b>34.83</b>
April - June						
Kentucky.....	81.0	13,007	.72	7.42	139.9	36.39
West Virginia.....	951.0	12,565	.71	11.79	139.0	34.93
<b>Total</b> .....	<b>1,032.0</b>	<b>12,599</b>	<b>.71</b>	<b>11.44</b>	<b>139.1</b>	<b>35.05</b>
July - September						
Kentucky.....	41.0	13,042	.76	7.13	138.3	36.08
West Virginia.....	675.0	12,568	.73	11.46	139.1	34.96
Colombia.....	29.0	12,003	.68	6.00	131.5	31.57
<b>Total</b> .....	<b>745.0</b>	<b>12,572</b>	<b>.73</b>	<b>11.01</b>	<b>138.8</b>	<b>34.89</b>
October - December						
Kentucky.....	96.0	13,001	.74	7.42	141.3	36.75
West Virginia.....	911.0	12,486	.71	11.49	140.1	34.98
<b>Total</b> .....	<b>1,007.0</b>	<b>12,535</b>	<b>.71</b>	<b>11.10</b>	<b>140.2</b>	<b>35.15</b>
<b>Year to Date</b>						
Kentucky.....	319.0	13,010	.73	7.33	140.3	36.51
West Virginia.....	3,422.0	12,535	.71	11.76	139.1	34.87
Colombia.....	29.0	12,003	.68	6.00	131.5	31.57
<b>Total</b> .....	<b>3,770.0</b>	<b>12,571</b>	<b>.71</b>	<b>11.34</b>	<b>139.2</b>	<b>34.99</b>
<b>Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2</b>						
<b>1993</b>						
Wyoming.....	5,701.1	8,332	0.43	5.27	151.9	25.31
<b>Total</b> .....	<b>5,701.1</b>	<b>8,332</b>	<b>.43</b>	<b>5.27</b>	<b>151.9</b>	<b>25.31</b>
<b>1994</b>						
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
<b>Total</b> .....	<b>5,794.6</b>	<b>8,502</b>	<b>.35</b>	<b>4.84</b>	<b>152.8</b>	<b>25.97</b>
<b>1995</b>						
Wyoming.....	5,844.5	8,469	.35	4.99	157.6	26.69
<b>Total</b> .....	<b>5,844.5</b>	<b>8,469</b>	<b>.35</b>	<b>4.99</b>	<b>157.6</b>	<b>26.69</b>
<b>1996</b>						
Wyoming.....	5,394.2	8,500	.41	5.18	161.1	27.38
<b>Total</b> .....	<b>5,394.2</b>	<b>8,500</b>	<b>.41</b>	<b>5.18</b>	<b>161.1</b>	<b>27.38</b>
<b>1997</b>						
Wyoming.....	5,762.0	8,467	.45	5.27	154.9	26.23
<b>Total</b> .....	<b>5,762.0</b>	<b>8,467</b>	<b>.45</b>	<b>5.27</b>	<b>154.9</b>	<b>26.23</b>
<b>1998</b>						
Colorado.....	52.1	11,199	.48	9.73	152.6	34.18
Wyoming.....	6,375.8	8,432	.45	5.38	145.9	24.61
Indonesia.....	302.5	9,485	.09	.86	187.6	35.58
<b>Total</b> .....	<b>6,730.5</b>	<b>8,501</b>	<b>.43</b>	<b>5.21</b>	<b>148.1</b>	<b>25.18</b>
<b>1999</b>						
January - March						
Wyoming.....	1,803.8	8,346	.47	5.85	143.9	24.02
<b>Total</b> .....	<b>1,803.8</b>	<b>8,346</b>	<b>.47</b>	<b>5.85</b>	<b>143.9</b>	<b>24.02</b>
April - June						
Wyoming.....	1,857.3	8,324	.46	5.68	144.2	24.00
<b>Total</b> .....	<b>1,857.3</b>	<b>8,324</b>	<b>.46</b>	<b>5.68</b>	<b>144.2</b>	<b>24.00</b>
July - September						
Wyoming.....	1,566.0	8,357	.44	5.74	146.3	24.46
<b>Total</b> .....	<b>1,566.0</b>	<b>8,357</b>	<b>.44</b>	<b>5.74</b>	<b>146.3</b>	<b>24.46</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2</b>						
<b>1999</b>						
October - December						
Wyoming .....	1,420.5	8,327	0.46	5.86	151.7	25.27
<b>Total .....</b>	<b>1,420.5</b>	<b>8,327</b>	<b>.46</b>	<b>5.86</b>	<b>151.7</b>	<b>25.27</b>
<b>Year to Date</b>						
Wyoming .....	6,647.7	8,338	.46	5.78	146.2	24.39
<b>Total .....</b>	<b>6,647.7</b>	<b>8,338</b>	<b>.46</b>	<b>5.78</b>	<b>146.2</b>	<b>24.39</b>
<b>Company and Plant: Carolina Power and Light, Sutton</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>623.5</b>	<b>12,590</b>	<b>1.00</b>	<b>9.27</b>	<b>160.4</b>	<b>40.39</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>571.7</b>	<b>12,576</b>	<b>1.03</b>	<b>9.97</b>	<b>162.3</b>	<b>40.82</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>627.9</b>	<b>12,609</b>	<b>.98</b>	<b>9.29</b>	<b>153.6</b>	<b>38.74</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,058.5</b>	<b>12,343</b>	<b>1.00</b>	<b>10.53</b>	<b>153.1</b>	<b>37.80</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>789.9</b>	<b>12,473</b>	<b>1.08</b>	<b>10.53</b>	<b>149.1</b>	<b>37.20</b>
<b>1998</b>						
Kentucky .....	816.1	12,410	1.04	10.50	144.2	35.78
West Virginia .....	489.5	12,591	.91	11.52	155.8	39.23
<b>Total .....</b>	<b>1,305.6</b>	<b>12,478</b>	<b>.99</b>	<b>10.88</b>	<b>148.6</b>	<b>37.07</b>
<b>1999</b>						
January - March						
Kentucky .....	90.5	12,605	1.09	9.41	146.0	36.80
West Virginia .....	195.3	12,499	.94	12.00	160.4	40.09
<b>Total .....</b>	<b>285.8</b>	<b>12,532</b>	<b>.98</b>	<b>11.18</b>	<b>155.8</b>	<b>39.05</b>
April - June						
Kentucky .....	74.8	12,685	1.07	8.69	146.3	37.11
West Virginia .....	165.7	12,961	.85	9.23	158.6	41.12
<b>Total .....</b>	<b>240.5</b>	<b>12,875</b>	<b>.92</b>	<b>9.06</b>	<b>154.9</b>	<b>39.88</b>
July - September						
Kentucky .....	72.8	12,628	.99	9.25	147.3	37.21
West Virginia .....	227.2	13,164	.90	8.19	151.3	39.82
<b>Total .....</b>	<b>300.0</b>	<b>13,034</b>	<b>.92</b>	<b>8.45</b>	<b>150.3</b>	<b>39.19</b>
October - December						
Kentucky .....	103.7	12,717	.98	9.06	149.6	38.04
West Virginia .....	195.7	12,817	.92	10.13	149.1	38.22
<b>Total .....</b>	<b>299.4</b>	<b>12,783</b>	<b>.94</b>	<b>9.76</b>	<b>149.3</b>	<b>38.16</b>
<b>Year to Date</b>						
Kentucky .....	341.8	12,662	1.03	9.11	147.4	37.33
West Virginia .....	783.9	12,869	.90	9.84	154.5	39.76
<b>Total .....</b>	<b>1,125.7</b>	<b>12,806</b>	<b>.94</b>	<b>9.62</b>	<b>152.4</b>	<b>39.03</b>
<b>Company and Plant: Central Hudson Gas &amp; Electric, Danskammer</b>						
<b>1993</b>						
West Virginia .....	693.0	13,097	0.62	7.55	184.7	48.38
<b>Total .....</b>	<b>693.0</b>	<b>13,097</b>	<b>.62</b>	<b>7.55</b>	<b>184.7</b>	<b>48.38</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>768.2</b>	<b>13,084</b>	<b>.62</b>	<b>7.72</b>	<b>190.8</b>	<b>49.93</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Central Hudson Gas &amp; Electric, Danskammer</b>						
<b>1995</b>						
Kentucky .....	308.8	12,859	0.59	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
<b>Total .....</b>	<b>629.5</b>	<b>12,995</b>	<b>.62</b>	<b>8.05</b>	<b>197.3</b>	<b>51.28</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>813.8</b>	<b>12,925</b>	<b>.66</b>	<b>8.25</b>	<b>196.4</b>	<b>50.77</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>815.9</b>	<b>13,131</b>	<b>.64</b>	<b>7.14</b>	<b>174.6</b>	<b>45.85</b>
<b>1998</b>						
Kentucky .....	376.9	12,931	.66	8.38	169.1	43.72
West Virginia.....	19.9	12,838	.67	9.76	169.9	43.62
Colombia.....	34.8	13,309	.62	7.38	169.8	45.20
Venezuela.....	558.8	13,055	.63	7.06	167.1	43.63
<b>Total .....</b>	<b>990.4</b>	<b>13,012</b>	<b>.64</b>	<b>7.63</b>	<b>168.0</b>	<b>43.72</b>
<b>1999</b>						
January - March						
Kentucky.....	76.9	12,876	.65	8.21	171.7	44.23
Venezuela .....	182.5	12,937	.65	7.14	160.8	41.60
<b>Total .....</b>	<b>259.4</b>	<b>12,919</b>	<b>.65</b>	<b>7.46</b>	<b>164.0</b>	<b>42.38</b>
April - June						
Kentucky.....	38.6	13,199	.69	8.13	163.5	43.16
Venezuela .....	102.7	12,868	.67	6.34	158.3	40.74
<b>Total .....</b>	<b>141.3</b>	<b>12,959</b>	<b>.67</b>	<b>6.83</b>	<b>159.7</b>	<b>41.40</b>
July - September						
West Virginia .....	38.6	12,996	.66	8.87	164.6	42.78
Venezuela .....	153.8	13,166	.65	6.76	162.3	42.72
<b>Total .....</b>	<b>192.4</b>	<b>13,132</b>	<b>.65</b>	<b>7.18</b>	<b>162.7</b>	<b>42.74</b>
October - December						
West Virginia .....	77.4	13,199	.68	7.97	164.1	43.32
Colombia.....	36.3	13,277	.62	7.27	161.8	42.96
Venezuela .....	150.5	12,472	.64	5.10	158.1	39.45
<b>Total .....</b>	<b>264.2</b>	<b>12,796</b>	<b>.65</b>	<b>6.24</b>	<b>160.5</b>	<b>41.06</b>
<b>Year to Date</b>						
Kentucky.....	115.5	12,984	.66	8.18	168.9	43.87
West Virginia .....	116.0	13,131	.68	8.27	164.3	43.14
Colombia.....	36.3	13,277	.62	7.27	161.8	42.96
Venezuela .....	589.5	12,866	.65	6.38	160.1	41.19
<b>Total .....</b>	<b>857.3</b>	<b>12,935</b>	<b>.65</b>	<b>6.92</b>	<b>161.9</b>	<b>41.89</b>
<b>Company and Plant: City Public Service, San Antonio JT Deely/Spruce</b>						
<b>1993</b>						
Wyoming.....	5,286.0	8,423	0.33	5.22	118.2	19.92
<b>Total .....</b>	<b>5,286.0</b>	<b>8,423</b>	<b>.33</b>	<b>5.22</b>	<b>118.2</b>	<b>19.92</b>
<b>1994</b>						
Wyoming.....	4,606.0	8,406	.34	5.42	112.9	18.98
<b>Total .....</b>	<b>4,606.0</b>	<b>8,406</b>	<b>.34</b>	<b>5.42</b>	<b>112.9</b>	<b>18.98</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>5,346.0</b>	<b>8,418</b>	<b>.36</b>	<b>5.83</b>	<b>111.3</b>	<b>18.74</b>
<b>1996</b>						
Colorado.....	11.0	10,751	.59	5.10	131.2	28.21
Wyoming.....	5,488.0	8,333	.35	6.11	101.8	16.96
<b>Total .....</b>	<b>5,499.0</b>	<b>8,338</b>	<b>.35</b>	<b>6.11</b>	<b>101.9</b>	<b>16.99</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>4,854.0</b>	<b>8,399</b>	<b>.36</b>	<b>5.96</b>	<b>98.9</b>	<b>16.61</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: City Public Service, San Antonio JT Deely/Spruce</b>						
<b>1998</b>						
Wyoming.....	5,395.0	8,371	0.34	5.95	97.1	16.26
Colombia.....	24.0	11,600	.33	3.80	200.6	46.54
Venezuela.....	43.0	12,179	.70	6.00	185.7	45.22
<b>Total .....</b>	<b>5,462.0</b>	<b>8,415</b>	<b>.34</b>	<b>5.94</b>	<b>98.7</b>	<b>16.62</b>
<b>1999</b>						
January - March						
Wyoming.....	1,777.0	8,609	.34	5.84	97.8	16.85
<b>Total .....</b>	<b>1,777.0</b>	<b>8,609</b>	<b>.34</b>	<b>5.84</b>	<b>97.8</b>	<b>16.85</b>
April - June						
Wyoming.....	1,823.0	8,383	.35	5.77	96.1	16.11
<b>Total .....</b>	<b>1,823.0</b>	<b>8,383</b>	<b>.35</b>	<b>5.77</b>	<b>96.1</b>	<b>16.11</b>
July - September						
Wyoming.....	1,870.0	8,450	.32	5.59	95.7	16.18
<b>Total .....</b>	<b>1,870.0</b>	<b>8,450</b>	<b>.32</b>	<b>5.59</b>	<b>95.7</b>	<b>16.18</b>
October - December						
Wyoming.....	1,409.0	8,432	.32	5.74	94.7	15.97
<b>Total .....</b>	<b>1,409.0</b>	<b>8,432</b>	<b>.32</b>	<b>5.74</b>	<b>94.7</b>	<b>15.97</b>
<b>Year to Date</b>						
Wyoming.....	6,879.0	8,470	.33	5.73	96.2	16.29
<b>Total .....</b>	<b>6,879.0</b>	<b>8,470</b>	<b>.33</b>	<b>5.73</b>	<b>96.2</b>	<b>16.29</b>
<b>Company and Plant: Central Power and Light (CSW), Coletto Creek</b>						
<b>1993</b>						
Colorado.....	1,778.0	10,577	0.40	6.61	203.1	42.96
Colombia.....	122.5	12,109	.60	5.90	148.5	35.98
<b>Total .....</b>	<b>1,900.5</b>	<b>10,676</b>	<b>.41</b>	<b>6.56</b>	<b>199.1</b>	<b>42.51</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,818.3</b>	<b>10,858</b>	<b>.42</b>	<b>6.63</b>	<b>195.0</b>	<b>42.35</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,844.1</b>	<b>10,941</b>	<b>.41</b>	<b>6.81</b>	<b>168.9</b>	<b>36.95</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>2,011.6</b>	<b>10,296</b>	<b>.38</b>	<b>5.77</b>	<b>134.5</b>	<b>27.70</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>1,795.4</b>	<b>10,081</b>	<b>.40</b>	<b>5.96</b>	<b>135.9</b>	<b>27.39</b>
<b>1998</b>						
Colorado.....	1,349.3	10,504	.39	6.06	142.0	29.84
Wyoming.....	1,046.6	8,662	.33	4.92	131.1	22.71
Colombia.....	60.1	12,760	.66	6.60	171.0	43.65
Venezuela.....	42.5	12,344	.73	9.20	164.8	40.69
<b>Total .....</b>	<b>2,498.6</b>	<b>9,818</b>	<b>.37</b>	<b>5.65</b>	<b>139.4</b>	<b>27.37</b>
<b>1999</b>						
January - March						
Colorado.....	342.4	10,575	.40	5.90	143.4	30.33
Wyoming.....	385.9	8,678	.21	4.74	136.6	23.70
<b>Total .....</b>	<b>728.3</b>	<b>9,570</b>	<b>.30</b>	<b>5.29</b>	<b>140.1</b>	<b>26.82</b>
April - June						
Colorado.....	420.7	10,827	.42	6.64	144.7	31.33
Wyoming.....	240.5	8,677	.22	4.51	135.8	23.57
<b>Total .....</b>	<b>661.1</b>	<b>10,045</b>	<b>.35</b>	<b>5.87</b>	<b>141.9</b>	<b>28.51</b>
July - September						
Colorado.....	261.1	10,508	.40	5.68	142.5	29.95
Wyoming.....	363.0	8,660	.21	4.69	136.0	23.55
<b>Total .....</b>	<b>624.1</b>	<b>9,433</b>	<b>.29</b>	<b>5.10</b>	<b>139.0</b>	<b>26.23</b>
October - December						
Colorado.....	285.5	10,391	.36	6.02	144.7	30.08
Wyoming.....	284.4	8,743	.19	4.52	136.5	23.88
<b>Total .....</b>	<b>569.9</b>	<b>9,569</b>	<b>.28</b>	<b>5.27</b>	<b>141.0</b>	<b>26.98</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Central Power and Light (CSW), Coletto Creek</b>						
<b>1999</b>						
<b>Year to Date</b>						
Colorado .....	1,309.7	10,603	0.40	6.12	143.9	30.52
Wyoming .....	1,273.7	8,687	.21	4.63	136.2	23.67
<b>Total .....</b>	<b>2,583.4</b>	<b>9,658</b>	<b>.30</b>	<b>5.39</b>	<b>140.5</b>	<b>27.14</b>
<b>Company and Plant: Delmarva Power &amp; Light, Edgemoor</b>						
<b>1993</b>						
Virginia .....	192.3	13,209	0.86	8.00	200.3	52.90
West Virginia .....	250.2	13,171	.81	8.63	178.0	46.88
<b>Total .....</b>	<b>442.5</b>	<b>13,188</b>	<b>.83</b>	<b>8.36</b>	<b>187.7</b>	<b>49.50</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>675.2</b>	<b>13,046</b>	<b>.78</b>	<b>8.58</b>	<b>158.8</b>	<b>41.44</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>471.1</b>	<b>12,978</b>	<b>.78</b>	<b>9.10</b>	<b>162.8</b>	<b>42.25</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>502.0</b>	<b>12,886</b>	<b>.76</b>	<b>9.69</b>	<b>160.2</b>	<b>41.29</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>505.2</b>	<b>12,877</b>	<b>.79</b>	<b>9.81</b>	<b>159.4</b>	<b>41.05</b>
<b>1998</b>						
Kentucky .....	29.6	12,889	.79	6.59	162.8	41.98
Pennsylvania .....	9.5	10,689	.66	10.49	150.8	32.25
Virginia .....	8.6	13,159	.83	8.30	158.1	41.61
West Virginia .....	490.1	12,686	.73	10.52	158.8	40.29
<b>Total .....</b>	<b>537.7</b>	<b>12,670</b>	<b>.73</b>	<b>10.27</b>	<b>158.9</b>	<b>40.27</b>
<b>1999</b>						
<b>January - March</b>						
West Virginia .....	46.6	12,492	.75	11.94	157.5	39.35
<b>Total .....</b>	<b>46.6</b>	<b>12,492</b>	<b>.75</b>	<b>11.94</b>	<b>157.5</b>	<b>39.35</b>
<b>April - June</b>						
West Virginia .....	56.0	12,250	.72	13.50	157.8	38.67
<b>Total .....</b>	<b>56.0</b>	<b>12,250</b>	<b>.72</b>	<b>13.50</b>	<b>157.8</b>	<b>38.67</b>
<b>July - September</b>						
Virginia .....	9.6	13,042	.74	9.00	149.2	38.92
West Virginia .....	72.5	12,582	.76	11.15	159.3	40.09
<b>Total .....</b>	<b>82.1</b>	<b>12,636</b>	<b>.76</b>	<b>10.90</b>	<b>158.1</b>	<b>39.96</b>
<b>October - December</b>						
Virginia .....	19.4	13,042	.71	9.10	150.9	39.37
West Virginia .....	68.6	12,677	.76	10.25	160.9	40.80
<b>Total .....</b>	<b>88.0</b>	<b>12,757</b>	<b>.75</b>	<b>10.00</b>	<b>158.7</b>	<b>40.48</b>
<b>Year to Date</b>						
Virginia .....	29.0	13,042	.72	9.07	150.4	39.22
West Virginia .....	243.7	12,515	.75	11.59	159.1	39.82
<b>Total .....</b>	<b>272.7</b>	<b>12,571</b>	<b>.74</b>	<b>11.32</b>	<b>158.1</b>	<b>39.76</b>
<b>Company and Plant: Delmarva Power and Light, Indian River</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>1,565.9</b>	<b>12,981</b>	<b>.97</b>	<b>9.28</b>	<b>163.6</b>	<b>42.48</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Delmarva Power and Light, Indian River</b>						
<b>1994</b>						
Kentucky .....	29.4	12,899	0.59	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
<b>Total .....</b>	<b>1,608.3</b>	<b>12,915</b>	<b>.98</b>	<b>9.31</b>	<b>163.4</b>	<b>42.21</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,249.2</b>	<b>13,126</b>	<b>1.08</b>	<b>8.36</b>	<b>161.1</b>	<b>42.28</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,242.9</b>	<b>13,074</b>	<b>1.11</b>	<b>8.33</b>	<b>159.1</b>	<b>41.60</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>1,177.1</b>	<b>13,142</b>	<b>1.08</b>	<b>8.16</b>	<b>156.2</b>	<b>41.05</b>
<b>1998</b>						
Kentucky .....	62.6	12,812	.63	6.51	176.6	45.26
Maryland .....	170.1	13,222	1.47	8.91	146.3	38.69
Pennsylvania .....	513.4	13,233	1.35	7.03	142.2	37.63
Virginia .....	136.5	13,672	.79	6.00	177.8	48.61
West Virginia .....	323.6	12,609	.68	11.45	167.1	42.15
<b>Total .....</b>	<b>1,206.2</b>	<b>13,092</b>	<b>1.09</b>	<b>8.34</b>	<b>155.2</b>	<b>40.63</b>
<b>1999</b>						
January - March						
Pennsylvania .....	63.5	13,213	1.43	6.45	143.6	37.96
Virginia .....	12.1	13,689	.76	5.73	180.3	49.37
West Virginia .....	23.9	12,650	.67	12.93	162.8	41.18
<b>Total .....</b>	<b>99.5</b>	<b>13,136</b>	<b>1.17</b>	<b>7.92</b>	<b>152.7</b>	<b>40.12</b>
April - June						
Maryland .....	37.5	13,059	1.49	9.32	146.0	38.13
Pennsylvania .....	101.0	13,310	1.37	6.60	143.4	38.18
Virginia .....	25.9	13,628	.76	6.18	178.8	48.74
West Virginia .....	20.1	12,470	.70	12.35	172.4	42.99
<b>Total .....</b>	<b>184.6</b>	<b>13,212</b>	<b>1.24</b>	<b>7.72</b>	<b>152.0</b>	<b>40.18</b>
July - September						
Kentucky .....	20.9	12,655	.65	7.48	176.6	44.69
Maryland .....	46.5	13,054	1.48	9.54	146.1	38.14
Pennsylvania .....	89.4	13,203	1.30	6.74	143.5	37.89
Virginia .....	60.5	13,503	.78	7.15	178.8	48.28
West Virginia .....	121.2	12,538	.67	11.91	170.1	42.65
<b>Total .....</b>	<b>338.5</b>	<b>12,964</b>	<b>.97</b>	<b>9.09</b>	<b>161.6</b>	<b>41.90</b>
October - December						
Kentucky .....	10.3	12,634	.67	8.00	170.6	43.11
Maryland .....	38.9	12,939	1.41	11.56	144.2	37.31
Pennsylvania .....	69.9	13,201	1.31	6.63	143.3	37.84
Virginia .....	85.9	13,368	.76	7.31	175.7	46.97
West Virginia .....	103.7	12,603	.69	11.06	172.1	43.37
<b>Total .....</b>	<b>308.6</b>	<b>12,995</b>	<b>.94</b>	<b>8.97</b>	<b>162.9</b>	<b>42.35</b>
<b>Year to Date</b>						
Kentucky .....	31.1	12,648	.66	7.65	174.6	44.17
Maryland .....	122.9	13,019	1.46	10.11	145.5	37.87
Pennsylvania .....	323.9	13,238	1.35	6.61	143.5	37.98
Virginia .....	184.5	13,470	.77	7.00	177.5	47.81
West Virginia .....	268.8	12,568	.68	11.71	170.4	42.82
<b>Total .....</b>	<b>931.2</b>	<b>13,042</b>	<b>1.03</b>	<b>8.66</b>	<b>159.2</b>	<b>41.52</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Detroit Edison Co, River Rouge</b>						
<b>1993</b>						
Colorado.....	11.0	11,620	0.53	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
<b>Total.....</b>	<b>1,258.0</b>	<b>11,335</b>	<b>.61</b>	<b>8.53</b>	<b>149.6</b>	<b>33.91</b>
<b>1994</b>						
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
<b>Total.....</b>	<b>1,271.0</b>	<b>11,499</b>	<b>.60</b>	<b>9.29</b>	<b>154.0</b>	<b>35.41</b>
<b>1995</b>						
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
<b>Total.....</b>	<b>1,290.0</b>	<b>10,691</b>	<b>.51</b>	<b>7.95</b>	<b>138.4</b>	<b>29.58</b>
<b>1996</b>						
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
<b>Total.....</b>	<b>1,321.0</b>	<b>10,688</b>	<b>.56</b>	<b>7.87</b>	<b>132.4</b>	<b>28.31</b>
<b>1997</b>						
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
<b>Total.....</b>	<b>1,384.0</b>	<b>10,702</b>	<b>.59</b>	<b>7.79</b>	<b>127.1</b>	<b>27.19</b>
<b>1998</b>						
Kentucky.....	246.0	13,008	.84	8.64	140.3	36.51
Pennsylvania.....	198.0	13,127	1.44	6.78	122.7	32.21
West Virginia.....	287.0	13,020	.73	8.44	141.6	36.87
Wyoming.....	852.0	8,752	.32	5.15	94.7	16.57
<b>Total.....</b>	<b>1,583.0</b>	<b>10,734</b>	<b>.62</b>	<b>6.49</b>	<b>117.9</b>	<b>25.31</b>
<b>1999</b>						
January - March						
Kentucky.....	20.0	13,013	1.05	7.50	133.2	34.67
Pennsylvania.....	134.0	13,264	1.45	6.59	131.1	34.77
Wyoming.....	278.0	8,773	.29	5.06	102.9	18.05
<b>Total.....</b>	<b>432.0</b>	<b>10,362</b>	<b>.69</b>	<b>5.65</b>	<b>115.8</b>	<b>24.01</b>
April - June						
Pennsylvania.....	139.0	13,217	1.42	6.66	125.8	33.25
Wyoming.....	181.0	8,767	.25	4.95	103.3	18.11
<b>Total.....</b>	<b>320.0</b>	<b>10,700</b>	<b>.76</b>	<b>5.69</b>	<b>115.3</b>	<b>24.68</b>
July - September						
Kentucky.....	147.0	12,776	.89	8.40	127.1	32.48
West Virginia.....	74.0	12,976	.79	8.81	127.2	33.02
Wyoming.....	189.0	8,771	.21	4.60	99.0	17.37
<b>Total.....</b>	<b>410.0</b>	<b>10,966</b>	<b>.56</b>	<b>6.72</b>	<b>116.8</b>	<b>25.61</b>
October - December						
Kentucky.....	122.0	12,912	.89	7.74	128.2	33.10
West Virginia.....	71.0	12,984	.79	8.26	127.9	33.20
Wyoming.....	176.0	8,769	.27	5.22	96.8	16.97
<b>Total.....</b>	<b>369.0</b>	<b>10,950</b>	<b>.58</b>	<b>6.64</b>	<b>116.1</b>	<b>25.43</b>
<b>Year to Date</b>						
Kentucky.....	289.0	12,850	.90	8.06	128.0	32.89
Pennsylvania.....	273.0	13,240	1.44	6.62	128.4	33.99
West Virginia.....	145.0	12,980	.79	8.54	127.5	33.11
Wyoming.....	824.0	8,770	.26	4.97	100.8	17.68
<b>Total.....</b>	<b>1,531.0</b>	<b>10,736</b>	<b>.64</b>	<b>6.18</b>	<b>116.1</b>	<b>24.92</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Florida Power Corp, IMT Transfer</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>996.4</b>	<b>12,507</b>	<b>.79</b>	<b>9.26</b>	<b>167.8</b>	<b>41.98</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,420.1</b>	<b>12,507</b>	<b>.77</b>	<b>9.41</b>	<b>175.8</b>	<b>43.97</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,285.8</b>	<b>12,498</b>	<b>.75</b>	<b>9.21</b>	<b>171.9</b>	<b>42.97</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,955.2</b>	<b>12,576</b>	<b>.69</b>	<b>9.28</b>	<b>170.8</b>	<b>42.96</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>2,009.6</b>	<b>12,526</b>	<b>.68</b>	<b>9.79</b>	<b>173.2</b>	<b>43.39</b>
<b>1998</b>						
Kentucky .....	838.6	12,611	.67	9.14	169.3	42.70
West Virginia .....	1,140.4	12,432	.70	10.30	174.7	43.44
Venezuela .....	79.8	12,968	.73	5.67	166.9	43.30
<b>Total .....</b>	<b>2,058.8</b>	<b>12,526</b>	<b>.69</b>	<b>9.65</b>	<b>172.2</b>	<b>43.13</b>
<b>1999</b>						
January - March						
Kentucky .....	248.6	12,635	.70	8.70	168.2	42.50
West Virginia .....	287.5	12,483	.71	10.18	172.0	42.94
Venezuela .....	60.8	12,843	.73	6.23	187.6	48.20
<b>Total .....</b>	<b>596.9</b>	<b>12,583</b>	<b>.71</b>	<b>9.16</b>	<b>172.0</b>	<b>43.29</b>
April - June						
Kentucky .....	181.3	12,746	.65	8.31	165.1	42.08
West Virginia .....	293.6	12,558	.72	10.28	171.2	42.99
<b>Total .....</b>	<b>474.9</b>	<b>12,630</b>	<b>.69</b>	<b>9.52</b>	<b>168.8</b>	<b>42.65</b>
July - September						
Kentucky .....	190.2	12,835	.82	8.64	165.8	42.56
West Virginia .....	206.3	12,526	.73	10.93	163.4	40.94
<b>Total .....</b>	<b>396.5</b>	<b>12,674</b>	<b>.77</b>	<b>9.84</b>	<b>164.6</b>	<b>41.71</b>
October - December						
Kentucky .....	250.6	12,638	.85	9.06	158.0	39.94
West Virginia .....	222.3	12,432	.71	10.84	164.8	40.97
Venezuela .....	38.6	12,904	.66	5.62	151.1	39.01
<b>Total .....</b>	<b>511.4</b>	<b>12,569</b>	<b>.77</b>	<b>9.57</b>	<b>160.4</b>	<b>40.32</b>
<b>Year to Date</b>						
Kentucky .....	870.7	12,703	.76	8.71	164.1	41.69
West Virginia .....	1,009.8	12,502	.72	10.51	168.4	42.11
Venezuela .....	99.4	12,867	.70	5.99	173.4	44.63
<b>Total .....</b>	<b>1,979.8</b>	<b>12,609</b>	<b>.73</b>	<b>9.49</b>	<b>166.8</b>	<b>42.05</b>
<b>Company and Plant: Gulf Power, Crist</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>2,145.9</b>	<b>12,124</b>	<b>2.10</b>	<b>7.72</b>	<b>176.7</b>	<b>42.85</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,904.4</b>	<b>11,964</b>	<b>1.95</b>	<b>7.31</b>	<b>179.8</b>	<b>43.02</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Gulf Power, Crist</b>						
<b>1995</b>						
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
<b>Total .....</b>	<b>1,573.6</b>	<b>12,354</b>	<b>.93</b>	<b>6.31</b>	<b>229.6</b>	<b>56.74</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,471.4</b>	<b>12,138</b>	<b>1.08</b>	<b>6.25</b>	<b>224.6</b>	<b>54.52</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>1,707.8</b>	<b>12,086</b>	<b>1.04</b>	<b>8.86</b>	<b>205.6</b>	<b>49.71</b>
<b>1998</b>						
Alabama .....	114.9	12,796	.83	9.43	158.5	40.55
Illinois .....	1,703.9	12,043	1.12	6.78	157.1	37.83
Kentucky .....	82.9	12,924	1.24	7.73	168.8	43.64
West Virginia .....	136.5	12,595	.93	10.42	169.3	42.64
Colombia .....	321.4	12,349	.65	5.25	150.4	37.15
Venezuela .....	112.4	12,602	.81	6.74	147.2	37.10
<b>Total .....</b>	<b>2,472.0</b>	<b>12,203</b>	<b>1.02</b>	<b>6.93</b>	<b>156.9</b>	<b>38.30</b>
<b>1999</b>						
January - March						
Illinois .....	493.0	12,069	.86	6.21	141.6	34.19
Venezuela .....	61.0	12,619	.68	6.62	146.5	36.97
<b>Total .....</b>	<b>554.0</b>	<b>12,129</b>	<b>.84</b>	<b>6.25</b>	<b>142.2</b>	<b>34.49</b>
April - June						
Illinois .....	644.4	12,172	1.19	6.85	140.2	34.13
Venezuela .....	46.7	12,663	.67	6.60	146.4	37.08
<b>Total .....</b>	<b>691.1</b>	<b>12,205</b>	<b>1.15</b>	<b>6.83</b>	<b>140.6</b>	<b>34.33</b>
July - September						
Illinois .....	567.7	12,133	.94	6.54	146.3	35.50
Venezuela .....	80.5	12,663	.67	6.60	147.1	37.25
<b>Total .....</b>	<b>648.2</b>	<b>12,198</b>	<b>.91</b>	<b>6.55</b>	<b>146.4</b>	<b>35.72</b>
October - December						
Illinois .....	461.5	12,121	1.02	6.15	147.0	35.65
Colombia .....	5.2	11,745	.39	3.80	135.9	31.92
Venezuela .....	55.1	12,663	.67	6.60	147.3	37.31
<b>Total .....</b>	<b>521.8</b>	<b>12,174</b>	<b>.98</b>	<b>6.18</b>	<b>147.0</b>	<b>35.78</b>
<b>Year to Date</b>						
Illinois .....	2,166.7	12,127	1.01	6.47	143.6	34.83
Colombia .....	5.2	11,745	.39	3.80	135.9	31.92
Venezuela .....	243.3	12,652	.67	6.60	146.9	37.16
<b>Total .....</b>	<b>2,415.1</b>	<b>12,179</b>	<b>.98</b>	<b>6.48</b>	<b>143.9</b>	<b>35.05</b>
<b>Company and Plant: Gulf Power, Scholtz</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>79.6</b>	<b>12,249</b>	<b>2.29</b>	<b>7.98</b>	<b>161.7</b>	<b>39.62</b>
<b>1994</b>						
Kentucky .....	67.1	11,861	3.09	9.35	168.7	40.03
<b>Total .....</b>	<b>67.1</b>	<b>11,861</b>	<b>3.09</b>	<b>9.35</b>	<b>168.7</b>	<b>40.03</b>
<b>1995</b>						
Kentucky .....	60.5	12,585	2.74	8.07	152.1	38.28
<b>Total .....</b>	<b>60.5</b>	<b>12,585</b>	<b>2.74</b>	<b>8.07</b>	<b>152.1</b>	<b>38.28</b>
<b>1996</b>						
Kentucky .....	78.7	12,008	3.13	9.52	140.1	33.65
<b>Total .....</b>	<b>78.7</b>	<b>12,008</b>	<b>3.13</b>	<b>9.52</b>	<b>140.1</b>	<b>33.65</b>
<b>1997</b>						
Kentucky .....	75.8	12,377	1.94	9.18	167.7	41.50
<b>Total .....</b>	<b>75.8</b>	<b>12,377</b>	<b>1.94</b>	<b>9.18</b>	<b>167.7</b>	<b>41.50</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Gulf Power, Scholtz</b>						
<b>1998</b>						
Kentucky .....	137.6	12,833	1.33	8.59	160.7	41.25
<b>Total .....</b>	<b>137.6</b>	<b>12,833</b>	<b>1.33</b>	<b>8.59</b>	<b>160.7</b>	<b>41.25</b>
<b>1999</b>						
January - March						
Kentucky .....	64.0	12,608	1.05	8.82	168.6	42.52
<b>Total .....</b>	<b>64.0</b>	<b>12,608</b>	<b>1.05</b>	<b>8.82</b>	<b>168.6</b>	<b>42.52</b>
April - June						
Kentucky .....	16.8	12,819	.91	7.60	169.6	43.48
<b>Total .....</b>	<b>16.8</b>	<b>12,819</b>	<b>.91</b>	<b>7.60</b>	<b>169.6</b>	<b>43.48</b>
July - September						
Colombia .....	7.8	11,826	.56	3.50	158.2	37.42
<b>Total .....</b>	<b>7.8</b>	<b>11,826</b>	<b>.56</b>	<b>3.50</b>	<b>158.2</b>	<b>37.42</b>
October - December						
Colombia .....	50.6	11,890	.55	3.70	156.0	37.10
<b>Total .....</b>	<b>50.6</b>	<b>11,890</b>	<b>.55</b>	<b>3.70</b>	<b>156.0</b>	<b>37.10</b>
<b>Year to Date</b>						
Kentucky .....	80.8	12,652	1.02	8.56	168.8	42.72
Colombia .....	58.4	11,881	.55	3.67	156.3	37.14
<b>Total .....</b>	<b>139.2</b>	<b>12,328</b>	<b>.82</b>	<b>6.51</b>	<b>163.8</b>	<b>40.38</b>
<b>Company and Plant: Gulf Power, Smith</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>918.9</b>	<b>11,893</b>	<b>1.85</b>	<b>7.55</b>	<b>179.5</b>	<b>42.69</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>877.3</b>	<b>12,051</b>	<b>1.36</b>	<b>7.35</b>	<b>171.1</b>	<b>41.23</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,096.4</b>	<b>11,777</b>	<b>2.13</b>	<b>8.07</b>	<b>153.6</b>	<b>36.17</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,088.7</b>	<b>11,851</b>	<b>2.13</b>	<b>7.73</b>	<b>174.5</b>	<b>41.35</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>940.6</b>	<b>11,958</b>	<b>2.62</b>	<b>9.78</b>	<b>189.1</b>	<b>45.22</b>
<b>1998</b>						
Alabama .....	13.8	11,636	2.94	14.81	174.4	40.58
Illinois .....	312.7	12,484	2.38	8.76	143.7	35.88
Kentucky .....	680.1	11,864	2.67	9.64	141.4	33.55
<b>Total .....</b>	<b>1,006.7</b>	<b>12,054</b>	<b>2.59</b>	<b>9.44</b>	<b>142.6</b>	<b>34.37</b>
<b>1999</b>						
January - March						
Alabama .....	36.1	11,968	2.28	13.90	132.6	31.75
Illinois .....	183.7	12,354	2.72	8.71	135.0	33.37
Kentucky .....	64.4	11,867	2.72	10.31	135.1	32.07
<b>Total .....</b>	<b>284.2</b>	<b>12,195</b>	<b>2.66</b>	<b>9.73</b>	<b>134.8</b>	<b>32.87</b>
April - June						
Alabama .....	36.3	11,952	2.16	14.42	133.3	31.86
Illinois .....	151.7	12,423	2.78	8.66	132.6	32.94
Kentucky .....	33.2	12,168	2.45	10.13	133.5	32.49
<b>Total .....</b>	<b>221.2</b>	<b>12,307</b>	<b>2.63</b>	<b>9.82</b>	<b>132.8</b>	<b>32.70</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Gulf Power, Smith</b>						
<b>1999</b>						
July - September						
Illinois .....	146.1	12,551	2.22	8.52	139.5	35.02
Kentucky .....	55.4	12,192	2.40	11.15	136.7	33.33
<b>Total</b> .....	<b>201.5</b>	<b>12,452</b>	<b>2.27</b>	<b>9.24</b>	<b>138.8</b>	<b>34.55</b>
October - December						
Illinois .....	245.1	12,495	2.29	8.49	140.9	35.21
Kentucky .....	12.5	12,050	2.71	12.71	138.5	33.38
Colombia .....	3.4	11,890	.55	3.70	129.4	30.77
<b>Total</b> .....	<b>261.0</b>	<b>12,466</b>	<b>2.29</b>	<b>8.63</b>	<b>140.7</b>	<b>35.07</b>
<b>Year to Date</b>						
Alabama .....	72.4	11,960	2.22	14.16	133.0	31.80
Illinois .....	726.6	12,456	2.48	8.59	137.4	34.23
Kentucky .....	165.5	12,050	2.56	10.73	135.6	32.68
Colombia .....	3.4	11,890	.55	3.70	129.4	30.77
<b>Total</b> .....	<b>967.9</b>	<b>12,347</b>	<b>2.47</b>	<b>9.35</b>	<b>136.8</b>	<b>33.77</b>
<b>Company and Plant: Holyoke Water Power (NU), Mount Tom</b>						
<b>1993</b>						
Kentucky .....	7.3	13,132	0.75	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
<b>Total</b> .....	<b>314.2</b>	<b>13,197</b>	<b>1.49</b>	<b>6.39</b>	<b>165.6</b>	<b>43.71</b>
<b>1994</b>						
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
<b>Total</b> .....	<b>344.9</b>	<b>13,119</b>	<b>1.33</b>	<b>6.68</b>	<b>164.4</b>	<b>43.13</b>
<b>1995</b>						
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
<b>Total</b> .....	<b>369.8</b>	<b>13,153</b>	<b>1.01</b>	<b>7.28</b>	<b>172.3</b>	<b>45.31</b>
<b>1996</b>						
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
<b>Total</b> .....	<b>371.1</b>	<b>13,224</b>	<b>1.04</b>	<b>7.25</b>	<b>174.3</b>	<b>46.10</b>
<b>1997</b>						
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
<b>Total</b> .....	<b>449.1</b>	<b>13,172</b>	<b>1.07</b>	<b>7.33</b>	<b>179.2</b>	<b>47.20</b>
<b>1998</b>						
Kentucky .....	186.1	13,030	.63	7.29	196.5	51.20
Pennsylvania .....	182.8	13,243	1.48	7.08	160.9	42.61
West Virginia .....	11.3	12,962	.80	7.56	185.0	47.96
<b>Total</b> .....	<b>380.2</b>	<b>13,130</b>	<b>1.04</b>	<b>7.20</b>	<b>178.9</b>	<b>46.98</b>
<b>1999</b>						
January - March						
Kentucky .....	23.7	13,100	.55	7.27	190.8	50.00
Pennsylvania .....	15.9	13,214	1.01	6.99	174.6	46.14
West Virginia .....	8.3	13,124	1.52	6.00	161.5	42.39
<b>Total</b> .....	<b>48.0</b>	<b>13,142</b>	<b>.87</b>	<b>6.96</b>	<b>180.3</b>	<b>47.40</b>
April - June						
Kentucky .....	31.3	13,201	.52	7.03	187.5	49.50
Pennsylvania .....	32.5	13,459	1.40	6.55	156.2	42.04
West Virginia .....	25.5	13,046	.91	7.64	168.6	44.00
<b>Total</b> .....	<b>89.3</b>	<b>13,251</b>	<b>.95</b>	<b>7.03</b>	<b>170.6</b>	<b>45.22</b>
July - September						
Kentucky .....	65.6	13,157	.55	7.31	188.0	49.46
West Virginia .....	16.0	13,120	1.02	7.30	153.9	40.37
<b>Total</b> .....	<b>81.6</b>	<b>13,149</b>	<b>.64</b>	<b>7.31</b>	<b>181.3</b>	<b>47.68</b>
October - December						
Kentucky .....	80.6	13,110	1.06	6.88	171.0	44.83
Pennsylvania .....	16.3	13,056	1.33	6.65	160.3	41.87
Virginia .....	8.2	15,373	.76	7.70	147.2	45.25
<b>Total</b> .....	<b>105.1</b>	<b>13,277</b>	<b>1.08</b>	<b>6.91</b>	<b>167.2</b>	<b>44.40</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Holyoke Water Power (NU), Mount Tom</b>						
<b>1999</b>						
<b>Year to Date</b>						
Kentucky.....	201.3	13,138	0.75	7.09	181.4	47.68
Pennsylvania.....	64.7	13,297	1.28	6.68	161.7	43.01
Virginia.....	8.2	15,373	.76	7.70	147.2	45.25
West Virginia.....	49.8	13,082	1.05	7.26	162.7	42.57
<b>Total.....</b>	<b>323.9</b>	<b>13,218</b>	<b>.90</b>	<b>7.05</b>	<b>173.6</b>	<b>45.90</b>
<b>Company and Plant: Jacksonville Electric Authority, St Johns River</b>						
<b>1993</b>						
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
<b>Total.....</b>	<b>3,834.6</b>	<b>12,185</b>	<b>.89</b>	<b>7.95</b>	<b>152.6</b>	<b>37.18</b>
<b>1994</b>						
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
<b>Total.....</b>	<b>3,734.1</b>	<b>12,197</b>	<b>.88</b>	<b>8.58</b>	<b>155.2</b>	<b>37.85</b>
<b>1995</b>						
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
<b>Total.....</b>	<b>3,681.8</b>	<b>12,241</b>	<b>.97</b>	<b>9.28</b>	<b>165.7</b>	<b>40.56</b>
<b>1996</b>						
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
<b>Total.....</b>	<b>3,790.0</b>	<b>12,381</b>	<b>1.08</b>	<b>8.66</b>	<b>160.7</b>	<b>39.80</b>
<b>1997</b>						
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
<b>Total.....</b>	<b>3,125.0</b>	<b>12,242</b>	<b>1.14</b>	<b>9.05</b>	<b>165.3</b>	<b>40.48</b>
<b>1998</b>						
Kentucky.....	1,689.3	12,710	1.31	9.80	169.4	43.06
West Virginia.....	9.9	12,169	.86	13.20	149.6	36.41
Colombia.....	1,587.9	11,821	.66	6.84	145.1	34.30
<b>Total.....</b>	<b>3,287.2</b>	<b>12,279</b>	<b>.99</b>	<b>8.38</b>	<b>158.0</b>	<b>38.81</b>
<b>1999</b>						
<b>January - March</b>						
Kentucky.....	319.4	12,584	1.29	10.31	173.1	43.58
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	406.4	11,797	.66	7.30	147.4	34.79
<b>Total.....</b>	<b>788.7</b>	<b>12,093</b>	<b>.92</b>	<b>8.88</b>	<b>156.5</b>	<b>37.85</b>
<b>April - June</b>						
Kentucky.....	452.3	12,681	1.44	9.70	172.5	43.75
West Virginia.....	37.8	13,206	1.97	7.60	133.7	35.31
Colombia.....	268.3	11,825	.65	7.19	146.3	34.61
<b>Total.....</b>	<b>758.5</b>	<b>12,404</b>	<b>1.19</b>	<b>8.71</b>	<b>161.6</b>	<b>40.10</b>
<b>July - September</b>						
Kentucky.....	324.0	12,735	1.35	9.41	164.0	41.76
Pennsylvania.....	92.6	12,954	1.84	6.94	138.5	35.87
West Virginia.....	19.6	13,029	2.59	7.90	135.6	35.33
Colombia.....	300.2	11,811	.67	7.24	146.8	34.67
<b>Total.....</b>	<b>736.4</b>	<b>12,394</b>	<b>1.17</b>	<b>8.17</b>	<b>153.1</b>	<b>37.96</b>
<b>October - December</b>						
Kentucky.....	851.6	12,446	1.07	7.83	150.0	37.34
Colombia.....	45.4	11,792	.65	7.10	147.4	34.76
<b>Total.....</b>	<b>897.0</b>	<b>12,413</b>	<b>1.05</b>	<b>7.79</b>	<b>149.9</b>	<b>37.21</b>
<b>Year to Date</b>						
Kentucky.....	1,947.3	12,571	1.24	8.93	161.4	40.59
Pennsylvania.....	92.6	12,954	1.84	6.94	138.5	35.87
West Virginia.....	57.4	13,146	2.18	7.70	134.3	35.32
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	1,020.3	11,808	.66	7.24	146.9	34.70
<b>Total.....</b>	<b>3,180.6</b>	<b>12,327</b>	<b>1.08</b>	<b>8.37</b>	<b>155.1</b>	<b>38.23</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh</b>						
<b>1993</b>						
Kentucky .....	727.0	13,046	1.05	7.63	167.7	43.77
<b>Total .....</b>	<b>727.0</b>	<b>13,046</b>	<b>1.05</b>	<b>7.63</b>	<b>167.7</b>	<b>43.77</b>
<b>1994</b>						
Kentucky .....	992.0	12,936	1.12	8.02	173.4	44.87
<b>Total .....</b>	<b>992.0</b>	<b>12,936</b>	<b>1.12</b>	<b>8.02</b>	<b>173.4</b>	<b>44.87</b>
<b>1995</b>						
Kentucky .....	945.0	12,956	1.22	8.18	173.0	44.84
<b>Total .....</b>	<b>945.0</b>	<b>12,956</b>	<b>1.22</b>	<b>8.18</b>	<b>173.0</b>	<b>44.84</b>
<b>1996</b>						
Kentucky .....	807.0	12,840	1.32	9.09	172.8	44.38
<b>Total .....</b>	<b>807.0</b>	<b>12,840</b>	<b>1.32</b>	<b>9.09</b>	<b>172.8</b>	<b>44.38</b>
<b>1997</b>						
Kentucky .....	758.0	12,876	1.26	8.42	172.7	44.48
<b>Total .....</b>	<b>758.0</b>	<b>12,876</b>	<b>1.26</b>	<b>8.42</b>	<b>172.7</b>	<b>44.48</b>
<b>1998</b>						
Kentucky .....	585.0	12,867	1.30	8.73	175.9	45.27
Venezuela .....	43.0	12,941	.62	5.70	175.7	45.48
<b>Total .....</b>	<b>628.0</b>	<b>12,872</b>	<b>1.25</b>	<b>8.53</b>	<b>175.9</b>	<b>45.29</b>
<b>1999</b>						
January - March						
Kentucky .....	128.0	12,943	1.28	8.21	178.3	46.17
<b>Total .....</b>	<b>128.0</b>	<b>12,943</b>	<b>1.28</b>	<b>8.21</b>	<b>178.3</b>	<b>46.17</b>
April - June						
Kentucky .....	158.0	12,822	1.50	9.44	178.3	45.73
<b>Total .....</b>	<b>158.0</b>	<b>12,822</b>	<b>1.50</b>	<b>9.44</b>	<b>178.3</b>	<b>45.73</b>
July - September						
Kentucky .....	282.0	12,803	1.43	9.28	173.4	44.40
<b>Total .....</b>	<b>282.0</b>	<b>12,803</b>	<b>1.43</b>	<b>9.28</b>	<b>173.4</b>	<b>44.40</b>
October - December						
Kentucky .....	172.0	12,851	1.50	9.21	168.7	43.36
Virginia .....	18.0	13,124	1.14	8.10	164.7	43.23
Colombia .....	32.0	11,570	.71	4.50	168.1	38.90
<b>Total .....</b>	<b>222.0</b>	<b>12,689</b>	<b>1.36</b>	<b>8.44</b>	<b>168.3</b>	<b>42.71</b>
<b>Year to Date</b>						
Kentucky .....	740.0	12,843	1.43	9.11	174.2	44.75
Virginia .....	18.0	13,124	1.14	8.10	164.7	43.23
Colombia .....	32.0	11,570	.71	4.50	168.1	38.90
<b>Total .....</b>	<b>790.0</b>	<b>12,798</b>	<b>1.40</b>	<b>8.90</b>	<b>173.8</b>	<b>44.48</b>
<b>Company and Plant: Mississippi Power (Southern Co), Daniel</b>						
<b>1993</b>						
Colorado .....	158.6	11,535	0.45	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
<b>Total .....</b>	<b>1,178.5</b>	<b>11,999</b>	<b>.58</b>	<b>7.39</b>	<b>169.9</b>	<b>40.78</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>2,282.8</b>	<b>10,334</b>	<b>.44</b>	<b>7.06</b>	<b>151.8</b>	<b>31.38</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>2,220.8</b>	<b>10,118</b>	<b>.39</b>	<b>6.77</b>	<b>150.0</b>	<b>30.36</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>2,671.2</b>	<b>9,774</b>	<b>.41</b>	<b>5.31</b>	<b>145.1</b>	<b>28.36</b>
<b>1997</b>						
Montana .....	3,221.3	9,323	.39	4.56	145.5	27.13
<b>Total .....</b>	<b>3,221.3</b>	<b>9,323</b>	<b>.39</b>	<b>4.56</b>	<b>145.5</b>	<b>27.13</b>
<b>1998</b>						
Montana .....	2,831.1	9,412	.37	4.46	147.2	27.70
<b>Total .....</b>	<b>2,831.1</b>	<b>9,412</b>	<b>.37</b>	<b>4.46</b>	<b>147.2</b>	<b>27.70</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Mississippi Power (Southern Co), Daniel</b>						
<b>1999</b>						
January - March						
Colorado .....	68.0	11,254	0.45	10.00	159.3	35.86
Montana .....	558.5	9,411	.37	4.60	147.2	27.71
Colombia.....	61.8	11,385	.43	6.10	156.6	35.66
<b>Total .....</b>	<b>688.2</b>	<b>9,770</b>	<b>.38</b>	<b>5.27</b>	<b>149.6</b>	<b>29.23</b>
April - June						
Colorado .....	568.4	11,347	.48	9.82	161.9	36.73
Montana .....	176.2	9,391	.37	4.60	147.6	27.72
<b>Total .....</b>	<b>744.7</b>	<b>10,884</b>	<b>.46</b>	<b>8.59</b>	<b>159.0</b>	<b>34.60</b>
July - September						
Colorado .....	463.9	11,233	.56	9.87	152.7	34.31
Montana .....	74.0	9,354	.38	4.70	157.8	29.52
Colombia.....	49.2	11,745	.39	3.80	163.7	38.45
<b>Total .....</b>	<b>587.1</b>	<b>11,039</b>	<b>.52</b>	<b>8.71</b>	<b>154.2</b>	<b>34.05</b>
October - December						
Montana .....	1,139.8	9,382	.36	4.41	148.3	27.83
<b>Total .....</b>	<b>1,139.8</b>	<b>9,382</b>	<b>.36</b>	<b>4.41</b>	<b>148.3</b>	<b>27.83</b>
<b>Year to Date</b>						
Colorado .....	1,100.3	11,293	.51	9.86	157.9	35.66
Montana .....	1,948.6	9,390	.36	4.49	148.3	27.85
Colombia.....	111.0	11,545	.41	5.08	159.8	36.90
<b>Total .....</b>	<b>3,159.9</b>	<b>10,128</b>	<b>.42</b>	<b>6.38</b>	<b>152.5</b>	<b>30.89</b>
<b>Company and Plant: Mississippi Power (Southern Co), Watson</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>1,396.1</b>	<b>12,582</b>	<b>2.35</b>	<b>9.23</b>	<b>136.3</b>	<b>34.31</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,155.7</b>	<b>12,439</b>	<b>2.30</b>	<b>8.72</b>	<b>133.2</b>	<b>33.14</b>
<b>1995</b>						
Colorado.....	11.4	11,972	.50	7.91	145.8	34.91
Illinois .....	1,235.8	12,440	2.35	8.86	123.0	30.61
<b>Total .....</b>	<b>1,247.2</b>	<b>12,436</b>	<b>2.33</b>	<b>8.86</b>	<b>123.2</b>	<b>30.65</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,831.6</b>	<b>12,164</b>	<b>1.71</b>	<b>7.19</b>	<b>131.1</b>	<b>31.90</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>1,848.7</b>	<b>11,522</b>	<b>1.04</b>	<b>7.20</b>	<b>141.1</b>	<b>32.51</b>
<b>1998</b>						
Alabama .....	28.3	13,083	.74	8.50	148.0	38.73
Illinois .....	1,414.5	11,968	1.50	7.38	141.2	33.79
Kentucky .....	15.4	12,688	1.93	7.62	146.6	37.19
Pennsylvania .....	7.3	13,068	1.46	7.00	142.2	37.17
Wyoming.....	463.5	8,718	.42	5.23	132.3	23.07
Venezuela.....	173.7	12,586	.75	6.94	140.4	35.35
<b>Total .....</b>	<b>2,102.6</b>	<b>11,327</b>	<b>1.20</b>	<b>6.88</b>	<b>139.8</b>	<b>31.66</b>
<b>1999</b>						
January - March						
Illinois .....	369.6	12,107	1.40	7.31	140.9	34.11
Kentucky.....	4.3	12,001	2.44	7.40	115.0	27.60
Wyoming.....	132.4	8,702	.42	5.51	135.1	23.52
Colombia.....	117.0	11,863	.47	3.99	147.1	34.90

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Mississippi Power (Southern Co), Watson</b>						
<b>1999</b>						
January - March						
Venezuela .....	15.6	12,165	0.75	7.60	142.5	34.67
<b>Total</b> .....	<b>638.8</b>	<b>11,357</b>	<b>1.02</b>	<b>6.34</b>	<b>141.0</b>	<b>32.03</b>
April - June						
Illinois .....	420.0	12,304	1.59	7.20	140.9	34.68
Wyoming .....	28.7	8,618	.44	5.60	136.8	23.58
Colombia.....	105.6	11,811	.50	4.30	147.1	34.75
<b>Total</b> .....	<b>554.3</b>	<b>12,019</b>	<b>1.32</b>	<b>6.57</b>	<b>141.9</b>	<b>34.12</b>
July - September						
Illinois .....	323.9	12,251	1.52	7.31	142.3	34.86
Wyoming .....	40.4	8,678	.39	5.20	138.4	24.02
Colombia.....	132.0	11,791	.39	3.66	140.0	33.02
<b>Total</b> .....	<b>496.3</b>	<b>11,838</b>	<b>1.13</b>	<b>6.17</b>	<b>141.5</b>	<b>33.49</b>
October - December						
Illinois .....	299.9	12,246	1.58	6.94	144.1	35.30
Colombia.....	235.7	11,579	.40	4.04	140.9	32.62
<b>Total</b> .....	<b>535.6</b>	<b>11,952</b>	<b>1.06</b>	<b>5.66</b>	<b>142.7</b>	<b>34.12</b>
<b>Year to Date</b>						
Illinois .....	1,413.4	12,228	1.52	7.20	141.9	34.71
Kentucky.....	4.3	12,001	2.44	7.40	115.0	27.60
Wyoming.....	201.4	8,685	.42	5.46	136.0	23.63
Colombia.....	590.3	11,724	.43	3.99	143.0	33.54
Venezuela .....	15.6	12,165	.75	7.60	142.5	34.67
<b>Total</b> .....	<b>2,225.1</b>	<b>11,773</b>	<b>1.13</b>	<b>6.19</b>	<b>141.8</b>	<b>33.38</b>
<b>Company and Plant: New England Power (NEES), Brayton Point</b>						
<b>1993</b>						
Kentucky .....	68.7	12,641	0.54	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
<b>Total</b> .....	<b>2,163.1</b>	<b>12,905</b>	<b>.96</b>	<b>8.14</b>	<b>167.9</b>	<b>43.33</b>
<b>1994</b>						
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
<b>Total</b> .....	<b>2,819.1</b>	<b>12,822</b>	<b>.95</b>	<b>8.24</b>	<b>168.6</b>	<b>43.24</b>
<b>1995</b>						
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
<b>Total</b> .....	<b>2,454.6</b>	<b>12,647</b>	<b>.69</b>	<b>8.38</b>	<b>168.1</b>	<b>42.53</b>
<b>1996</b>						
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
<b>Total</b> .....	<b>3,147.3</b>	<b>12,547</b>	<b>.68</b>	<b>8.67</b>	<b>170.5</b>	<b>42.77</b>
<b>1997</b>						
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
<b>Total</b> .....	<b>3,000.1</b>	<b>12,524</b>	<b>.69</b>	<b>8.66</b>	<b>168.3</b>	<b>42.15</b>
<b>1998</b>						
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
<b>Total</b> .....	<b>2,237.6</b>	<b>12,537</b>	<b>.67</b>	<b>9.34</b>	<b>164.7</b>	<b>41.30</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: New England Power (NEES), Salem Harbor</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>779.2</b>	<b>12,987</b>	<b>1.07</b>	<b>8.72</b>	<b>165.8</b>	<b>43.05</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>729.7</b>	<b>12,632</b>	<b>.65</b>	<b>6.69</b>	<b>161.6</b>	<b>40.84</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>760.8</b>	<b>12,591</b>	<b>.64</b>	<b>6.39</b>	<b>161.1</b>	<b>40.56</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>925.8</b>	<b>12,656</b>	<b>.67</b>	<b>6.60</b>	<b>157.6</b>	<b>39.90</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>816.8</b>	<b>12,367</b>	<b>.66</b>	<b>7.41</b>	<b>167.3</b>	<b>41.37</b>
<b>1998</b>						
West Virginia.....	81.1	12,344	.72	11.41	163.5	40.37
Colombia.....	204.1	12,105	.60	5.46	180.8	43.77
Venezuela.....	262.1	12,946	.71	5.59	153.2	39.68
<b>Total .....</b>	<b>547.3</b>	<b>12,543</b>	<b>.67</b>	<b>6.41</b>	<b>164.7</b>	<b>41.31</b>
<b>Company and Plant: Public Serv Co of Indiana, Gallagher</b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>721.5</b>	<b>11,589</b>	<b>2.14</b>	<b>8.53</b>	<b>133.6</b>	<b>30.96</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>1,517.6</b>	<b>12,155</b>	<b>1.88</b>	<b>8.65</b>	<b>122.6</b>	<b>29.81</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,125.7</b>	<b>12,405</b>	<b>1.86</b>	<b>7.80</b>	<b>111.9</b>	<b>27.75</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,000.0</b>	<b>12,555</b>	<b>1.99</b>	<b>7.64</b>	<b>111.0</b>	<b>27.87</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>985.1</b>	<b>12,924</b>	<b>2.13</b>	<b>7.73</b>	<b>106.8</b>	<b>27.61</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Co of Indiana, Gallagher</b>						
<b>1998</b>						
Illinois .....	38.2	11,958	0.80	5.15	125.5	30.01
Indiana.....	18.5	11,020	1.39	9.49	109.5	24.14
Kentucky .....	3.3	11,461	1.15	13.50	114.7	26.29
Pennsylvania .....	635.9	13,109	2.08	7.57	105.9	27.76
West Virginia.....	510.4	13,273	2.25	6.84	106.1	28.17
<b>Total .....</b>	<b>1,206.3</b>	<b>13,105</b>	<b>2.10</b>	<b>7.23</b>	<b>106.6</b>	<b>27.95</b>
<b>1999</b>						
January - March						
Illinois .....	7.7	11,466	1.56	8.10	100.2	22.98
Indiana.....	40.1	11,059	1.50	9.39	110.4	24.42
Kentucky .....	3.3	12,096	1.50	10.10	108.1	26.15
Pennsylvania .....	89.0	13,010	2.31	7.38	109.9	28.59
West Virginia.....	144.4	13,151	2.34	6.66	138.5	36.42
<b>Total .....</b>	<b>284.5</b>	<b>12,754</b>	<b>2.18</b>	<b>7.35</b>	<b>124.7</b>	<b>31.80</b>
April - June						
Illinois .....	84.9	11,026	1.50	10.70	121.1	26.70
Indiana.....	19.7	11,136	1.44	9.84	109.3	24.34
Pennsylvania .....	103.8	13,192	2.14	7.60	106.2	28.02
West Virginia.....	122.2	13,322	2.23	6.72	113.9	30.35
<b>Total .....</b>	<b>330.6</b>	<b>12,561</b>	<b>1.97</b>	<b>8.20</b>	<b>112.7</b>	<b>28.32</b>
July - September						
Illinois .....	8.6	10,538	1.42	12.00	116.7	24.60
Indiana.....	74.5	11,059	1.90	8.94	124.9	27.62
Kentucky.....	13.5	12,448	2.03	9.77	88.1	21.93
Pennsylvania.....	156.5	13,268	2.36	7.58	108.5	28.78
West Virginia.....	133.2	13,368	2.31	6.74	115.2	30.80
<b>Total .....</b>	<b>386.3</b>	<b>12,787</b>	<b>2.22</b>	<b>7.73</b>	<b>113.1</b>	<b>28.92</b>
October - December						
Illinois .....	63.3	12,260	2.15	8.67	99.1	24.30
Indiana.....	21.2	11,001	1.38	9.40	123.3	27.12
Kentucky.....	21.2	12,392	2.02	9.76	101.9	25.27
Pennsylvania.....	101.8	12,984	2.07	7.74	110.6	28.71
West Virginia.....	78.0	13,296	2.16	6.70	113.5	30.18
<b>Total .....</b>	<b>285.5</b>	<b>12,718</b>	<b>2.06</b>	<b>7.93</b>	<b>109.1</b>	<b>27.76</b>
<b>Year to Date</b>						
Illinois .....	164.5	11,496	1.75	9.86	110.9	25.50
Indiana.....	155.5	11,061	1.67	9.23	118.9	26.31
Kentucky.....	38.0	12,386	1.98	9.79	97.5	24.16
Pennsylvania.....	451.1	13,135	2.23	7.58	108.7	28.55
West Virginia.....	477.8	13,279	2.27	6.70	121.5	32.28
<b>Total .....</b>	<b>1,286.9</b>	<b>12,706</b>	<b>2.11</b>	<b>7.81</b>	<b>114.7</b>	<b>29.14</b>
<b>Company and Plant: Public Serv Co of New Hampshire, Merrimack</b>						
<b>1993</b>						
Pennsylvania .....	661.6	13,240	1.63	6.42	165.9	43.92
West Virginia.....	388.6	13,225	2.27	7.59	155.3	41.07
Indonesia.....	21.2	12,620	.49	3.80	186.5	47.07
Venezuela.....	24.9	12,920	.58	6.00	163.2	42.17
<b>Total .....</b>	<b>1,096.3</b>	<b>13,216</b>	<b>1.81</b>	<b>6.77</b>	<b>162.4</b>	<b>42.93</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>979.0</b>	<b>13,197</b>	<b>1.78</b>	<b>6.86</b>	<b>154.1</b>	<b>40.67</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>1,013.2</b>	<b>13,234</b>	<b>1.64</b>	<b>6.73</b>	<b>157.9</b>	<b>41.80</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>1,049.3</b>	<b>13,236</b>	<b>1.69</b>	<b>6.57</b>	<b>160.6</b>	<b>42.52</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Co of New Hampshire, Merrimack</b>						
<b>1997</b>						
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
<b>Total .....</b>	<b>1,193.7</b>	<b>13,221</b>	<b>1.58</b>	<b>6.84</b>	<b>164.2</b>	<b>43.43</b>
<b>1998</b>						
Pennsylvania .....	799.1	13,178	1.49	7.06	166.3	43.82
West Virginia.....	228.5	13,289	2.32	7.10	160.6	42.68
<b>Total .....</b>	<b>1,027.6</b>	<b>13,203</b>	<b>1.67</b>	<b>7.07</b>	<b>165.0</b>	<b>43.57</b>
<b>1999</b>						
January - March						
Kentucky.....	9.6	13,360	2.54	6.80	160.3	42.84
Pennsylvania.....	156.2	13,280	1.53	6.63	159.8	42.45
West Virginia.....	38.5	13,335	2.25	6.77	154.3	41.16
<b>Total .....</b>	<b>204.2</b>	<b>13,294</b>	<b>1.72</b>	<b>6.67</b>	<b>158.8</b>	<b>42.22</b>
April - June						
Pennsylvania.....	140.6	13,267	1.55	6.78	162.7	43.18
West Virginia.....	17.9	13,328	2.16	6.55	155.1	41.34
<b>Total .....</b>	<b>158.4</b>	<b>13,274</b>	<b>1.62</b>	<b>6.76</b>	<b>161.9</b>	<b>42.97</b>
July - September						
Pennsylvania.....	102.6	13,084	1.79	7.06	156.4	40.92
West Virginia.....	50.4	13,390	2.44	6.69	148.0	39.62
<b>Total .....</b>	<b>152.9</b>	<b>13,185</b>	<b>2.01</b>	<b>6.94</b>	<b>153.6</b>	<b>40.49</b>
October - December						
Ohio .....	6.6	13,017	2.44	6.20	157.6	41.03
Pennsylvania.....	225.5	13,123	1.60	6.79	155.4	40.77
West Virginia.....	67.5	13,336	2.09	6.72	151.7	40.45
<b>Total .....</b>	<b>299.6</b>	<b>13,169</b>	<b>1.73</b>	<b>6.76</b>	<b>154.6</b>	<b>40.71</b>
<b>Year to Date</b>						
Kentucky.....	9.6	13,360	2.54	6.80	160.3	42.84
Ohio .....	6.6	13,017	2.44	6.20	157.6	41.03
Pennsylvania.....	624.8	13,188	1.60	6.79	158.3	41.76
West Virginia.....	174.2	13,350	2.24	6.71	151.5	40.46
<b>Total .....</b>	<b>815.2</b>	<b>13,224</b>	<b>1.76</b>	<b>6.77</b>	<b>156.9</b>	<b>41.49</b>
<b>Company and Plant: Public Serv Co of New Hampshire, Schiller</b>						
<b>1993</b>						
West Virginia.....	57.6	13,238	0.75	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
<b>Total .....</b>	<b>210.1</b>	<b>12,991</b>	<b>.63</b>	<b>6.62</b>	<b>152.3</b>	<b>39.58</b>
<b>1994</b>						
Colombia.....	163.3	12,505	.62	5.55	135.5	33.89
Indonesia.....	113.0	12,360	.53	3.58	158.7	39.23
<b>Total .....</b>	<b>276.3</b>	<b>12,446</b>	<b>.58</b>	<b>4.74</b>	<b>144.9</b>	<b>36.07</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>359.1</b>	<b>12,762</b>	<b>.66</b>	<b>6.77</b>	<b>161.8</b>	<b>41.29</b>
<b>1996</b>						
Kentucky.....	14.5	12,830	.90	8.40	193.7	49.70
Pennsylvania.....	44.0	12,708	1.53	13.21	155.8	39.59
West Virginia.....	101.3	12,988	1.38	9.41	157.6	40.95
Colombia.....	32.3	12,169	.66	5.68	161.9	39.41
Indonesia.....	25.9	12,412	.72	8.20	161.9	40.19
Venezuela.....	56.1	13,061	.67	6.04	159.8	41.75
<b>Total .....</b>	<b>274.2</b>	<b>12,799</b>	<b>1.09</b>	<b>8.72</b>	<b>160.6</b>	<b>41.11</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>433.9</b>	<b>12,596</b>	<b>.98</b>	<b>6.97</b>	<b>160.3</b>	<b>40.39</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Co of New Hampshire, Schiller</b>						
<b>1998</b>						
Pennsylvania .....	14.7	13,018	1.40	6.90	159.8	41.60
Colombia .....	34.7	13,188	.64	5.50	172.8	45.58
Venezuela .....	331.4	12,914	.65	5.72	148.1	38.25
<b>Total .....</b>	<b>380.7</b>	<b>12,943</b>	<b>.68</b>	<b>5.75</b>	<b>150.8</b>	<b>39.05</b>
<b>1999</b>						
January - March						
Pennsylvania .....	13.3	13,064	1.88	7.30	155.6	40.65
Venezuela .....	113.9	13,177	.65	5.20	147.3	38.81
<b>Total .....</b>	<b>127.2</b>	<b>13,165</b>	<b>.77</b>	<b>5.42</b>	<b>148.1</b>	<b>39.01</b>
April - June						
Venezuela .....	118.8	12,823	.70	6.28	144.3	37.02
<b>Total .....</b>	<b>118.8</b>	<b>12,823</b>	<b>.70</b>	<b>6.28</b>	<b>144.3</b>	<b>37.02</b>
July - September						
Venezuela .....	155.7	13,077	.69	6.14	141.4	36.98
<b>Total .....</b>	<b>155.7</b>	<b>13,077</b>	<b>.69</b>	<b>6.14</b>	<b>141.4</b>	<b>36.98</b>
October - December						
Venezuela .....	118.4	12,863	.65	4.30	137.9	35.47
<b>Total .....</b>	<b>118.4</b>	<b>12,863</b>	<b>.65</b>	<b>4.30</b>	<b>137.9</b>	<b>35.47</b>
<b>Year to Date</b>						
Pennsylvania .....	13.3	13,064	1.88	7.30	155.6	40.65
Venezuela .....	506.9	12,990	.67	5.53	142.6	37.05
<b>Total .....</b>	<b>520.2</b>	<b>12,992</b>	<b>.70</b>	<b>5.58</b>	<b>142.9</b>	<b>37.14</b>
<b>Company and Plant: Public Serv Electric &amp; Gas Co, Mercer</b>						
<b>1993</b>						
Virginia .....	695.9	14,123	0.80	4.54	179.6	50.73
West Virginia .....	7.2	13,648	.64	5.91	174.6	47.65
<b>Total .....</b>	<b>703.1</b>	<b>14,118</b>	<b>.80</b>	<b>4.56</b>	<b>179.6</b>	<b>50.70</b>
<b>1994</b>						
Virginia .....	687.7	14,046	.79	4.73	179.8	50.50
West Virginia .....	.7	13,381	.66	6.60	174.6	46.73
<b>Total .....</b>	<b>688.4</b>	<b>14,045</b>	<b>.79</b>	<b>4.73</b>	<b>179.8</b>	<b>50.50</b>
<b>1995</b>						
Virginia .....	688.8	13,985	.77	4.89	175.3	49.03
West Virginia .....	.1	13,529	.70	6.70	145.3	39.32
<b>Total .....</b>	<b>688.9</b>	<b>13,985</b>	<b>.77</b>	<b>4.89</b>	<b>175.3</b>	<b>49.03</b>
<b>1996</b>						
Virginia .....	635.8	13,897	.77	5.36	181.6	50.46
West Virginia .....	.8	12,705	.97	8.20	172.9	43.93
<b>Total .....</b>	<b>636.6</b>	<b>13,896</b>	<b>.77</b>	<b>5.36</b>	<b>181.5</b>	<b>50.45</b>
<b>1997</b>						
Virginia .....	880.3	13,634	.78	5.85	174.7	47.64
West Virginia .....	.8	12,514	.92	8.60	164.6	41.20
<b>Total .....</b>	<b>881.1</b>	<b>13,633</b>	<b>.78</b>	<b>5.85</b>	<b>174.7</b>	<b>47.64</b>
<b>1998</b>						
Virginia .....	760.5	13,969	.73	5.15	153.8	42.97
West Virginia .....	171.8	12,785	.70	10.48	136.6	34.94
Venezuela .....	39.0	12,998	.68	5.50	155.3	40.37
<b>Total .....</b>	<b>971.3</b>	<b>13,720</b>	<b>.72</b>	<b>6.11</b>	<b>151.0</b>	<b>41.44</b>
<b>1999</b>						
January - March						
Virginia .....	88.6	13,818	.72	5.86	140.2	38.75
West Virginia .....	103.0	13,780	.72	5.94	140.3	38.67
<b>Total .....</b>	<b>191.6</b>	<b>13,798</b>	<b>.72</b>	<b>5.90</b>	<b>140.3</b>	<b>38.71</b>
April - June						
Virginia .....	205.9	13,831	.70	5.73	140.6	38.89
West Virginia .....	76.1	13,894	.71	5.50	140.0	38.90
<b>Total .....</b>	<b>282.0</b>	<b>13,848</b>	<b>.70</b>	<b>5.67</b>	<b>140.4</b>	<b>38.89</b>
July - September						
Virginia .....	210.8	13,663	.68	6.25	140.7	38.45
West Virginia .....	56.5	13,617	.70	6.44	140.1	38.15
<b>Total .....</b>	<b>267.3</b>	<b>13,653</b>	<b>.69</b>	<b>6.29</b>	<b>140.6</b>	<b>38.39</b>
October - December						
Virginia .....	210.5	13,768	.73	5.91	140.7	38.74
West Virginia .....	73.6	13,779	.73	5.87	140.6	38.76
<b>Total .....</b>	<b>284.1</b>	<b>13,771</b>	<b>.73</b>	<b>5.90</b>	<b>140.7</b>	<b>38.75</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Public Serv Electric &amp; Gas Co, Mercer</b>						
<b>1999</b>						
<b>Year to Date</b>						
Virginia .....	715.8	13,761	0.71	5.95	140.6	38.70
West Virginia .....	309.2	13,778	.72	5.91	140.3	38.65
<b>Total .....</b>	<b>1,025.0</b>	<b>13,766</b>	<b>.71</b>	<b>5.94</b>	<b>140.5</b>	<b>38.68</b>
<b>Company and Plant: Public Serv Electric &amp; Gas-NJ, Hudson</b>						
<b>1993</b>						
Kentucky .....	76.0	13,336	0.84	6.75	185.7	49.54
West Virginia .....	362.0	12,930	.81	7.93	188.1	48.65
<b>Total .....</b>	<b>438.0</b>	<b>13,000</b>	<b>.82</b>	<b>7.73</b>	<b>187.7</b>	<b>48.80</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>567.4</b>	<b>13,118</b>	<b>.77</b>	<b>7.48</b>	<b>200.9</b>	<b>52.71</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>688.4</b>	<b>13,078</b>	<b>.71</b>	<b>7.07</b>	<b>186.9</b>	<b>48.89</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>709.6</b>	<b>12,690</b>	<b>.83</b>	<b>9.88</b>	<b>172.4</b>	<b>43.76</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>420.4</b>	<b>12,657</b>	<b>.85</b>	<b>10.43</b>	<b>169.3</b>	<b>42.87</b>
<b>1998</b>						
Kentucky .....	110.1	12,933	.75	7.53	151.5	39.18
West Virginia .....	529.4	12,444	.88	12.10	141.2	35.14
<b>Total .....</b>	<b>639.5</b>	<b>12,528</b>	<b>.85</b>	<b>11.31</b>	<b>143.0</b>	<b>35.84</b>
<b>1999</b>						
<b>January - March</b>						
Kentucky .....	60.8	12,814	.78	9.03	146.6	37.57
West Virginia .....	202.8	12,556	.89	11.80	139.4	35.00
<b>Total .....</b>	<b>263.6</b>	<b>12,616</b>	<b>.87</b>	<b>11.16</b>	<b>141.1</b>	<b>35.59</b>
<b>April - June</b>						
Kentucky .....	30.6	12,819	.79	9.08	147.3	37.77
West Virginia .....	147.2	12,687	.87	10.55	143.5	36.42
<b>Total .....</b>	<b>177.8</b>	<b>12,710</b>	<b>.86</b>	<b>10.30</b>	<b>144.2</b>	<b>36.66</b>
<b>July - September</b>						
Kentucky .....	49.4	13,028	.82	8.27	146.3	38.12
West Virginia .....	169.4	12,817	.88	10.22	143.2	36.70
<b>Total .....</b>	<b>218.8</b>	<b>12,865</b>	<b>.87</b>	<b>9.78</b>	<b>143.9</b>	<b>37.02</b>
<b>October - December</b>						
Kentucky .....	9.8	12,496	.82	11.10	141.2	35.29
West Virginia .....	216.2	12,403	.91	12.58	139.0	34.49
<b>Total .....</b>	<b>226.0</b>	<b>12,407</b>	<b>.91</b>	<b>12.51</b>	<b>139.1</b>	<b>34.52</b>
<b>Year to Date</b>						
Kentucky .....	150.6	12,864	.80	8.92	146.3	37.64
West Virginia .....	735.6	12,597	.89	11.42	141.0	35.53
<b>Total .....</b>	<b>886.2</b>	<b>12,643</b>	<b>.88</b>	<b>10.99</b>	<b>141.9</b>	<b>35.89</b>
<b>Company and Plant: Savannah Electric and Power, Port Wentworth</b>						
<b>1993</b>						
Kentucky .....	80.2	12,770	0.98	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
<b>Total .....</b>	<b>259.9</b>	<b>12,777</b>	<b>.98</b>	<b>9.97</b>	<b>173.7</b>	<b>44.40</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>167.0</b>	<b>12,438</b>	<b>1.11</b>	<b>9.31</b>	<b>174.0</b>	<b>43.27</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Savannah Electric and Power, Port Wentworth</b>						
<b>1995</b>						
Kentucky .....	9.9	11,801	0.55	14.50	143.0	33.75
Virginia .....	130.3	13,124	.87	9.43	159.0	41.74
<b>Total .....</b>	<b>140.3</b>	<b>13,030</b>	<b>.85</b>	<b>9.79</b>	<b>158.0</b>	<b>41.17</b>
<b>1996</b>						
Venezuela .....	209.9	12,143	1.08	6.71	152.8	37.11
<b>Total .....</b>	<b>209.9</b>	<b>12,143</b>	<b>1.08</b>	<b>6.71</b>	<b>152.8</b>	<b>37.11</b>
<b>1997</b>						
Venezuela .....	279.1	11,949	1.28	7.72	135.1	32.29
<b>Total .....</b>	<b>279.1</b>	<b>11,949</b>	<b>1.28</b>	<b>7.72</b>	<b>135.1</b>	<b>32.29</b>
<b>1998</b>						
Venezuela .....	414.5	12,492	1.01	7.19	144.6	36.14
<b>Total .....</b>	<b>414.5</b>	<b>12,492</b>	<b>1.01</b>	<b>7.19</b>	<b>144.6</b>	<b>36.14</b>
<b>1999</b>						
January - March						
Venezuela .....	106.6	12,422	.76	8.00	142.6	35.43
<b>Total .....</b>	<b>106.6</b>	<b>12,422</b>	<b>.76</b>	<b>8.00</b>	<b>142.6</b>	<b>35.43</b>
April - June						
Venezuela .....	153.3	12,820	.71	7.00	133.7	34.27
<b>Total .....</b>	<b>153.3</b>	<b>12,820</b>	<b>.71</b>	<b>7.00</b>	<b>133.7</b>	<b>34.27</b>
July - September						
Kentucky .....	11.4	12,739	.74	6.96	149.7	38.13
Venezuela .....	101.3	12,440	.78	6.60	142.4	35.44
<b>Total .....</b>	<b>112.7</b>	<b>12,470</b>	<b>.78</b>	<b>6.64</b>	<b>143.2</b>	<b>35.71</b>
October - December						
Kentucky .....	3.5	12,270	.72	6.40	144.4	35.44
Venezuela .....	67.8	12,234	.77	7.47	142.4	34.84
<b>Total .....</b>	<b>71.3</b>	<b>12,236</b>	<b>.77</b>	<b>7.41</b>	<b>142.5</b>	<b>34.87</b>
<b>Year to Date</b>						
Kentucky .....	14.8	12,629	.74	6.83	148.5	37.50
Venezuela .....	429.0	12,539	.75	7.23	139.3	34.92
<b>Total .....</b>	<b>443.8</b>	<b>12,542</b>	<b>.75</b>	<b>7.21</b>	<b>139.6</b>	<b>35.01</b>
<b>Company and Plant: Takoma Dept. of Public Utilities, Steam No.2</b>						
<b>1993</b>						
Montana .....	10.0	9,482	0.37	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
<b>Total .....</b>	<b>41.4</b>	<b>9,951</b>	<b>.46</b>	<b>10.64</b>	<b>179.3</b>	<b>35.68</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>36.1</b>	<b>9,655</b>	<b>.45</b>	<b>6.87</b>	<b>175.1</b>	<b>33.81</b>
<b>1995</b>						
Montana .....	3.8	9,470	.36	4.64	180.0	34.09
Canada .....	23.8	10,066	.47	13.14	166.0	33.42
<b>Total .....</b>	<b>27.6</b>	<b>9,983</b>	<b>.46</b>	<b>11.96</b>	<b>167.8</b>	<b>33.51</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>22.2</b>	<b>9,788</b>	<b>.45</b>	<b>11.47</b>	<b>174.1</b>	<b>34.09</b>
<b>1997</b>						
Washington .....	1.5	10,616	.70	17.57	154.0	32.71
Canada .....	9.6	10,144	.43	12.25	171.4	34.79
<b>Total .....</b>	<b>11.1</b>	<b>10,208</b>	<b>.46</b>	<b>12.96</b>	<b>169.0</b>	<b>34.51</b>
<b>1998</b>						
Washington .....	.9	10,800	.73	66.06	165.5	35.74
<b>Total .....</b>	<b>.9</b>	<b>10,800</b>	<b>.73</b>	<b>66.06</b>	<b>165.5</b>	<b>35.74</b>
<b>Company and Plant: Tampa Electric, Davant Transfer<sup>2</sup></b>						
<b>1993</b>						
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

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Tampa Electric, Davant Transfer<sup>2</sup></b>						
<b>1993</b>						
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
<b>Total .....</b>	<b>5,650.8</b>	<b>12,182</b>	<b>2.16</b>	<b>8.08</b>	<b>181.9</b>	<b>44.31</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>5,934.5</b>	<b>11,979</b>	<b>2.33</b>	<b>8.02</b>	<b>174.8</b>	<b>41.89</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>5,388.1</b>	<b>11,713</b>	<b>1.95</b>	<b>7.76</b>	<b>162.5</b>	<b>38.06</b>
<b>1996</b>						
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
<b>Total .....</b>	<b>6,348.2</b>	<b>11,327</b>	<b>2.04</b>	<b>6.78</b>	<b>148.3</b>	<b>33.59</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>7,181.8</b>	<b>11,244</b>	<b>2.02</b>	<b>7.50</b>	<b>147.3</b>	<b>33.12</b>
<b>1998</b>						
Illinois .....	3,735.6	11,999	2.41	8.58	154.4	37.06
Indiana .....	30.4	10,864	3.03	10.20	125.2	27.20
Kentucky .....	1,729.7	11,573	2.73	7.76	128.9	29.83
West Virginia .....	158.3	13,214	2.25	7.56	137.5	36.33
Wyoming .....	1,064.4	8,724	.40	5.15	134.4	23.45
Indonesia .....	597.0	9,515	.21	1.09	157.1	29.89
<b>Total .....</b>	<b>7,315.4</b>	<b>11,241</b>	<b>2.01</b>	<b>7.26</b>	<b>145.6</b>	<b>32.73</b>
<b>1999</b>						
January - March						
Illinois .....	1,110.3	12,046	2.24	8.31	149.3	35.96
Kentucky .....	509.9	11,682	2.78	7.66	125.2	29.25
Wyoming .....	71.7	8,772	.22	4.52	123.9	21.73
Venezuela .....	73.5	9,349	.28	1.10	163.3	30.53
<b>Total .....</b>	<b>1,765.4</b>	<b>11,696</b>	<b>2.23</b>	<b>7.67</b>	<b>142.0</b>	<b>33.22</b>
April - June						
Illinois .....	869.3	12,058	2.32	8.41	149.2	35.98
Kentucky .....	162.0	11,455	2.85	9.15	122.0	27.96
West Virginia .....	147.0	13,297	1.95	7.67	128.9	34.28
Wyoming .....	29.0	8,653	.21	4.70	124.3	21.51
Indonesia .....	156.1	9,393	.14	1.00	130.4	24.50
Venezuela .....	77.7	9,396	.08	12.00	130.8	24.58
<b>Total .....</b>	<b>1,441.1</b>	<b>11,616</b>	<b>1.94</b>	<b>7.73</b>	<b>141.0</b>	<b>32.76</b>
July - September						
Illinois .....	796.1	12,129	2.38	8.69	146.5	35.54
Kentucky .....	45.0	11,655	2.87	9.10	121.9	28.42
West Virginia .....	76.4	13,198	2.31	7.99	128.9	34.03

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Tampa Electric, Davant Transfer<sup>2</sup></b>						
<b>1999</b>						
July - September						
Wyoming .....	149.4	8,766	0.19	4.50	125.9	22.07
Indonesia .....	231.6	9,422	.11	1.03	131.6	24.80
<b>Total .....</b>	<b>1,298.5</b>	<b>11,306</b>	<b>1.74</b>	<b>6.81</b>	<b>140.4</b>	<b>31.74</b>
October - December						
Illinois .....	1,258.4	12,031	2.34	8.50	150.5	36.22
Kentucky .....	212.7	11,529	2.88	9.04	123.3	28.44
West Virginia .....	103.3	13,195	1.90	7.61	128.9	34.02
Wyoming .....	180.3	8,868	.19	4.40	128.1	22.72
<b>Total .....</b>	<b>1,754.6</b>	<b>11,713</b>	<b>2.16</b>	<b>8.09</b>	<b>144.1</b>	<b>33.76</b>
<b>Year to Date</b>						
Illinois .....	4,034.1	12,060	2.31	8.46	149.1	35.96
Kentucky .....	929.6	11,606	2.82	8.31	124.1	28.80
West Virginia .....	326.7	13,242	2.02	7.73	128.9	34.14
Wyoming .....	430.4	8,802	.20	4.47	126.4	22.25
Indonesia .....	387.6	9,410	.12	1.02	131.1	24.68
Venezuela .....	151.2	9,373	.18	6.70	146.6	27.47
<b>Total .....</b>	<b>6,259.6</b>	<b>11,601</b>	<b>2.04</b>	<b>7.62</b>	<b>142.0</b>	<b>32.96</b>
<b>Company and Plant: United Illuminating Co, Bridgeport Harbor</b>						
<b>1993</b>						
Kentucky .....	665.0	13,113	0.54	7.02	170.6	44.74
West Virginia .....	75.0	13,426	.67	6.33	168.6	45.29
<b>Total .....</b>	<b>740.0</b>	<b>13,144</b>	<b>.55</b>	<b>6.95</b>	<b>170.4</b>	<b>44.80</b>
<b>1994</b>						
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
<b>Total .....</b>	<b>863.0</b>	<b>13,094</b>	<b>.54</b>	<b>7.38</b>	<b>177.4</b>	<b>46.45</b>
<b>1995</b>						
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
<b>Total .....</b>	<b>841.0</b>	<b>13,110</b>	<b>.56</b>	<b>7.05</b>	<b>188.1</b>	<b>49.33</b>
<b>1996</b>						
Kentucky .....	903.0	13,098	.54	7.24	191.2	50.09
Venezuela .....	28.0	13,174	.61	4.10	185.0	48.74
<b>Total .....</b>	<b>931.0</b>	<b>13,100</b>	<b>.54</b>	<b>7.14</b>	<b>191.0</b>	<b>50.05</b>
<b>1997</b>						
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
<b>Total .....</b>	<b>952.1</b>	<b>13,132</b>	<b>.54</b>	<b>7.20</b>	<b>190.5</b>	<b>50.02</b>
<b>1998</b>						
Kentucky .....	456.0	13,115	.50	7.03	183.3	48.09
West Virginia .....	95.0	13,308	.61	7.17	181.6	48.34
Venezuela .....	106.0	13,084	.60	5.47	171.0	44.75
<b>Total .....</b>	<b>657.0</b>	<b>13,138</b>	<b>.53</b>	<b>6.80</b>	<b>181.1</b>	<b>47.59</b>
<b>1999</b>						
January - March						
Venezuela .....	35.0	13,541	.61	4.85	169.3	45.85
<b>Total .....</b>	<b>35.0</b>	<b>13,541</b>	<b>.61</b>	<b>4.85</b>	<b>169.3</b>	<b>45.85</b>
<b>Year to Date</b>						
Venezuela .....	35.0	13,541	.61	4.85	169.3	45.85
<b>Total .....</b>	<b>35.0</b>	<b>13,541</b>	<b>.61</b>	<b>4.85</b>	<b>169.3</b>	<b>45.85</b>
<b>Company and Plant: Vineland, City of H M Down</b>						
<b>1993</b>						
West Virginia .....	14.3	13,081	0.76	7.09	175.2	45.84
<b>Total .....</b>	<b>14.3</b>	<b>13,081</b>	<b>.76</b>	<b>7.09</b>	<b>175.2</b>	<b>45.84</b>
<b>1994</b>						
West Virginia .....	23.6	13,183	.85	7.48	178.9	47.16
<b>Total .....</b>	<b>23.6</b>	<b>13,183</b>	<b>.85</b>	<b>7.48</b>	<b>178.9</b>	<b>47.16</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Vineland, City of H M Down</b>						
<b>1995</b>						
West Virginia.....	26.3	13,327	0.81	6.16	195.7	52.17
<b>Total .....</b>	<b>26.3</b>	<b>13,327</b>	<b>.81</b>	<b>6.16</b>	<b>195.7</b>	<b>52.17</b>
<b>1996</b>						
West Virginia.....	30.5	13,301	.81	7.76	199.7	53.12
<b>Total .....</b>	<b>30.5</b>	<b>13,301</b>	<b>.81</b>	<b>7.76</b>	<b>199.7</b>	<b>53.12</b>
<b>1997</b>						
West Virginia.....	16.0	12,925	.77	6.35	192.4	49.75
<b>Total .....</b>	<b>16.0</b>	<b>12,925</b>	<b>.77</b>	<b>6.35</b>	<b>192.4</b>	<b>49.75</b>
<b>1998</b>						
Pennsylvania.....	*	12,870	.78	6.21	192.2	49.47
West Virginia.....	25.8	12,868	.78	6.21	192.2	49.48
<b>Total .....</b>	<b>25.9</b>	<b>12,868</b>	<b>.78</b>	<b>6.21</b>	<b>192.2</b>	<b>49.48</b>
<b>1999</b>						
January - March						
West Virginia.....	1.7	12,842	.78	6.21	193.1	49.60
Venezuela.....	1.0	12,842	.78	6.21	193.0	49.57
<b>Total .....</b>	<b>2.7</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.1</b>	<b>49.59</b>
July - September						
Poland.....	4.0	12,842	.78	6.21	193.0	49.57
<b>Total .....</b>	<b>4.0</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.57</b>
<b>Year to Date</b>						
West Virginia.....	1.7	12,842	.78	6.21	193.1	49.60
Poland.....	4.0	12,842	.78	6.21	193.0	49.57
Venezuela.....	1.0	12,842	.78	6.21	193.0	49.57
<b>Total .....</b>	<b>6.7</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.58</b>
<b>Company and Plant: Virginia Electric and Power, Chesterfield</b>						
<b>1993</b>						
Kentucky.....	2,087.9	12,707	1.06	8.86	140.7	35.75
Virginia.....	406.9	13,044	1.16	8.96	147.3	38.42
West Virginia.....	280.1	12,916	1.11	9.36	143.4	37.04
<b>Total .....</b>	<b>2,774.9</b>	<b>12,778</b>	<b>1.08</b>	<b>8.92</b>	<b>141.9</b>	<b>36.27</b>
<b>1994</b>						
Kentucky.....	2,224.7	12,688	1.17	8.97	142.3	36.12
Virginia.....	482.6	12,946	1.12	8.86	147.2	38.11
West Virginia.....	424.7	12,793	1.05	9.65	150.2	38.42
<b>Total .....</b>	<b>3,131.9</b>	<b>12,742</b>	<b>1.14</b>	<b>9.05</b>	<b>144.2</b>	<b>36.74</b>
<b>1995</b>						
Kentucky.....	1,932.6	12,793	1.17	8.82	142.8	36.54
Virginia.....	177.4	13,054	1.14	9.23	144.6	37.76
West Virginia.....	271.1	12,694	.93	10.02	142.3	36.13
<b>Total .....</b>	<b>2,381.0</b>	<b>12,801</b>	<b>1.14</b>	<b>8.99</b>	<b>142.9</b>	<b>36.58</b>
<b>1996</b>						
Kentucky.....	2,335.3	12,609	1.13	9.99	143.8	36.26
Virginia.....	269.1	12,842	1.22	10.54	146.5	37.63
West Virginia.....	549.6	12,255	.96	12.49	138.1	33.84
<b>Total .....</b>	<b>3,154.1</b>	<b>12,567</b>	<b>1.11</b>	<b>10.47</b>	<b>143.1</b>	<b>35.96</b>
<b>1997</b>						
Kentucky.....	1,985.7	12,575	1.14	10.49	143.0	35.97
Virginia.....	16.1	12,528	1.21	11.57	148.6	37.23
West Virginia.....	888.1	12,386	.97	12.02	140.8	34.87
<b>Total .....</b>	<b>2,890.0</b>	<b>12,517</b>	<b>1.09</b>	<b>10.97</b>	<b>142.4</b>	<b>35.64</b>
<b>1998</b>						
Kentucky.....	2,004.8	12,855	1.18	7.53	140.1	36.03
Virginia.....	97.0	12,744	1.12	8.72	150.8	38.43
West Virginia.....	872.4	12,452	.80	10.41	137.7	34.30
<b>Total .....</b>	<b>2,974.1</b>	<b>12,733</b>	<b>1.06</b>	<b>8.41</b>	<b>139.8</b>	<b>35.60</b>
<b>1999</b>						
January - March						
Kentucky.....	455.8	12,762	1.28	7.99	139.2	35.53
Virginia.....	14.1	12,500	1.32	10.00	148.7	37.17
West Virginia.....	371.0	12,614	.90	8.88	138.3	34.90
<b>Total .....</b>	<b>841.0</b>	<b>12,692</b>	<b>1.11</b>	<b>8.41</b>	<b>139.0</b>	<b>35.28</b>

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Company and Plant: Virginia Electric and Power, Chesterfield</b>						
<b>1999</b>						
April - June						
Kentucky.....	520.0	12,783	1.67	7.61	138.6	35.44
West Virginia.....	160.6	12,668	1.28	8.54	138.8	35.18
<b>Total</b> .....	<b>680.6</b>	<b>12,756</b>	<b>1.58</b>	<b>7.83</b>	<b>138.7</b>	<b>35.38</b>
July - September						
Kentucky.....	599.7	12,687	2.56	8.23	141.6	35.92
Pennsylvania.....	41.3	13,150	3.04	5.50	140.2	36.87
Virginia.....	31.5	12,722	2.29	8.49	147.0	37.41
West Virginia.....	116.5	12,704	1.71	8.40	140.9	35.80
<b>Total</b> .....	<b>789.1</b>	<b>12,715</b>	<b>2.45</b>	<b>8.12</b>	<b>141.6</b>	<b>36.02</b>
October - December						
Kentucky.....	263.9	12,746	1.70	8.11	143.3	36.53
Pennsylvania.....	9.5	13,150	3.04	5.50	135.9	35.74
Virginia.....	53.6	12,728	2.13	9.21	145.5	37.03
West Virginia.....	106.3	12,346	1.16	10.03	141.5	34.94
<b>Total</b> .....	<b>433.3</b>	<b>12,654</b>	<b>1.65</b>	<b>8.66</b>	<b>143.0</b>	<b>36.19</b>
<b>Year to Date</b>						
Kentucky.....	1,839.4	12,741	1.87	7.98	140.4	35.78
Pennsylvania.....	50.9	13,150	3.04	5.50	139.4	36.66
Virginia.....	99.2	12,694	2.07	9.10	146.4	37.17
West Virginia.....	754.5	12,602	1.14	8.90	139.3	35.10
<b>Total</b> .....	<b>2,744.0</b>	<b>12,709</b>	<b>1.70</b>	<b>8.22</b>	<b>140.3</b>	<b>35.66</b>
<b>Company and Plant: Vineland, City of H M Down</b>						
<b>1993</b>						
West Virginia.....	14.3	13,081	0.76	7.09	175.2	45.84
<b>Total</b> .....	<b>14.3</b>	<b>13,081</b>	<b>.76</b>	<b>7.09</b>	<b>175.2</b>	<b>45.84</b>
<b>1994</b>						
West Virginia.....	23.6	13,183	.85	7.48	178.9	47.16
<b>Total</b> .....	<b>23.6</b>	<b>13,183</b>	<b>.85</b>	<b>7.48</b>	<b>178.9</b>	<b>47.16</b>
<b>1995</b>						
West Virginia.....	26.3	13,327	.81	6.16	195.7	52.17
<b>Total</b> .....	<b>26.3</b>	<b>13,327</b>	<b>.81</b>	<b>6.16</b>	<b>195.7</b>	<b>52.17</b>
<b>1996</b>						
West Virginia.....	30.5	13,301	.81	7.76	199.7	53.12
<b>Total</b> .....	<b>30.5</b>	<b>13,301</b>	<b>.81</b>	<b>7.76</b>	<b>199.7</b>	<b>53.12</b>
<b>1997</b>						
West Virginia.....	16.0	12,925	.77	6.35	192.4	49.75
<b>Total</b> .....	<b>16.0</b>	<b>12,925</b>	<b>.77</b>	<b>6.35</b>	<b>192.4</b>	<b>49.75</b>
<b>1998</b>						
Pennsylvania.....	*	12,870	.78	6.21	192.2	49.47
West Virginia.....	25.8	12,868	.78	6.21	192.2	49.48
<b>Total</b> .....	<b>25.9</b>	<b>12,868</b>	<b>.78</b>	<b>6.21</b>	<b>192.2</b>	<b>49.48</b>
<b>1999</b>						
January - March						
West Virginia.....	1.7	12,842	.78	6.21	193.1	49.60
Venezuela.....	1.0	12,842	.78	6.21	193.0	49.57
<b>Total</b> .....	<b>2.7</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.1</b>	<b>49.59</b>
July - September						
Poland.....	4.0	12,842	.78	6.21	193.0	49.57
<b>Total</b> .....	<b>4.0</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.57</b>
<b>Year to Date</b>						
West Virginia.....	1.7	12,842	.78	6.21	193.1	49.60
Poland.....	4.0	12,842	.78	6.21	193.0	49.57
Venezuela.....	1.0	12,842	.78	6.21	193.0	49.57
<b>Total</b> .....	<b>6.7</b>	<b>12,842</b>	<b>.78</b>	<b>6.21</b>	<b>193.0</b>	<b>49.58</b>
<b>Total of U.S. Electric Utility Plants</b>						
<b>1993</b>						
Alabama.....	2,128.0	12,138	1.17	11.85	173.1	42.02
Colorado.....	1,947.6	10,661	.40	6.86	198.9	42.40
Illinois.....	4,641.0	11,965	2.60	8.56	164.5	39.37
Indiana.....	485.4	11,003	2.15	8.88	136.5	30.05
Kentucky.....	11,317.6	12,687	1.28	8.27	167.2	42.44
Maryland.....	56.2	13,015	1.30	9.55	161.4	42.00

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Total of U.S. Electric Utility Plants</b>						
<b>1993</b>						
Montana .....	187.7	9,428	0.39	4.58	160.4	30.24
Pennsylvania .....	1,351.5	13,185	1.67	7.02	161.0	42.47
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 .....	842.6	13,019	1.04	8.97	167.7	43.66
Washington .....	2.2	10,967	.70	14.47	163.5	35.87
West Virginia .....	9,151.1	12,900	1.03	9.00	166.1	42.86
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
<b>Total .....</b>	<b>48,623.0</b>	<b>11,469</b>	<b>1.06</b>	<b>7.65</b>	<b>160.9</b>	<b>36.90</b>
<b>1994</b>						
Alabama .....	2,384.3	12,248	1.05	10.99	179.1	43.87
Colorado .....	2,861.0	11,189	.42	8.16	181.7	40.67
Illinois .....	5,260.9	11,785	2.44	8.43	157.4	37.11
Indiana .....	326.8	11,062	1.82	8.77	121.5	26.88
Kentucky .....	11,469.0	12,623	1.33	8.48	169.1	42.69
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
Pennsylvania .....	1,929.0	13,164	1.72	7.20	145.7	38.36
Tennessee .....	276.1	12,628	1.14	7.43	215.3	54.38
Virginia .....	610.3	12,942	1.07	8.79	152.7	39.53
Washington .....	3.3	10,865	.72	13.30	165.3	35.91
West Virginia .....	11,744.3	12,701	.95	9.72	163.3	41.48
Wyoming .....	10,628.8	8,440	.35	5.15	133.6	22.55
Canada .....	63.3	10,885	.26	10.53	152.4	33.19
Colombia .....	2,971.8	11,997	.66	6.76	142.7	34.25
Indonesia .....	437.3	10,499	.22	1.82	157.4	33.06
South Africa .....	127.3	11,318	.65	12.60	181.1	41.00
Venezuela .....	1,355.2	12,649	.76	6.61	172.3	43.60
<b>Total .....</b>	<b>53,901.9</b>	<b>11,521</b>	<b>1.03</b>	<b>7.87</b>	<b>159.2</b>	<b>36.68</b>
<b>1995</b>						
Alabama .....	2,345.0	12,386	1.16	9.95	176.7	43.77
Colorado .....	3,564.2	11,472	.42	8.38	170.4	39.10
Illinois .....	5,923.8	11,903	2.02	8.00	159.7	38.02
Indiana .....	133.3	11,064	1.31	9.65	116.2	25.72
Kentucky .....	10,508.2	12,642	1.26	8.19	161.1	40.74
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
Pennsylvania .....	1,872.1	13,189	1.72	7.25	141.2	37.25
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 .....	350.0	13,148	1.04	9.00	153.3	40.31
West Virginia .....	8,821.3	12,607	.80	10.23	161.6	40.75
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
<b>Total .....</b>	<b>51,477.3</b>	<b>11,384</b>	<b>.94</b>	<b>7.69</b>	<b>157.5</b>	<b>35.86</b>
<b>1996</b>						
Alabama .....	2,207.0	12,213	1.10	11.92	185.1	45.21
Colorado .....	2,492.2	10,810	.41	6.65	143.2	30.95
Illinois .....	8,344.2	12,052	1.94	7.36	156.9	37.81
Indiana .....	18.1	11,256	1.58	7.15	97.7	21.99
Kentucky .....	12,564.8	12,546	1.31	8.86	158.6	39.79
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
Pennsylvania .....	1,906.8	13,184	1.72	7.27	143.7	37.89
Virginia .....	287.0	12,920	1.19	10.24	150.2	38.82
West Virginia .....	9,946.7	12,583	.82	10.46	159.0	40.01
Wyoming .....	12,312.0	8,457	.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

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Total of U.S. Electric Utility Plants</b>						
<b>1996</b>						
Venezuela.....	1,767.6	12,686	0.77	6.14	171.7	43.58
<b>Total</b> .....	<b>57,222.6</b>	<b>11,357</b>	<b>.99</b>	<b>7.76</b>	<b>153.4</b>	<b>34.84</b>
<b>1997</b>						
Alabama.....	3,292.6	12,134	1.19	12.50	186.2	45.18
Colorado.....	1,566.9	10,317	.39	6.15	136.3	28.12
Illinois.....	6,953.3	11,967	1.68	7.58	160.7	38.45
Indiana.....	10.0	11,077	1.51	8.06	135.2	29.96
Kentucky.....	11,631.1	12,461	1.45	9.23	158.5	39.51
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
Pennsylvania.....	2,307.7	13,166	1.67	7.38	143.1	37.69
Virginia.....	217.5	13,197	.91	8.94	159.3	42.04
Washington.....	1.5	10,616	.70	17.57	154.0	32.71
West Virginia.....	10,355.6	12,618	.87	10.55	157.4	39.72
Wyoming.....	12,726.4	8,469	.41	5.54	128.7	21.80
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
<b>Total</b> .....	<b>57,315.9</b>	<b>11,270</b>	<b>.98</b>	<b>7.92</b>	<b>153.5</b>	<b>34.59</b>
<b>1998</b>						
Alabama.....	4,138.8	12,199	1.03	12.26	184.1	44.91
Colorado.....	1,401.4	10,529	.39	6.20	142.4	30.00
Illinois.....	7,897.0	12,053	1.89	7.94	151.0	36.39
Indiana.....	48.9	10,923	2.41	9.93	119.2	26.05
Kentucky.....	11,031.4	12,533	1.40	8.45	153.5	38.48
Maryland.....	170.1	13,222	1.47	8.91	146.3	38.69
Montana.....	2,831.1	9,412	.37	4.46	147.2	27.70
Pennsylvania.....	2,360.8	13,161	1.61	7.18	140.6	37.00
Virginia.....	242.0	13,282	.93	7.17	166.7	44.28
Washington.....	.9	10,800	.73	66.06	165.5	35.74
West Virginia.....	9,601.7	12,605	.88	10.55	150.0	37.81
Wyoming.....	15,197.3	8,474	.39	5.52	123.5	20.93
Colombia.....	2,530.1	12,002	.65	6.40	152.4	36.57
Indonesia.....	899.5	9,505	.17	1.01	167.3	31.80
Venezuela.....	2,376.6	12,846	.73	6.65	155.5	39.95
<b>Total</b> .....	<b>60,727.6</b>	<b>11,225</b>	<b>.96</b>	<b>7.69</b>	<b>148.3</b>	<b>33.29</b>
<b>1999</b>						
January - March						
Alabama.....	1,166.9	12,068	.89	12.90	191.2	46.15
Colorado.....	410.3	10,688	.41	6.58	146.2	31.24
Illinois.....	2,369.9	12,074	1.76	7.57	147.1	35.52
Indiana.....	40.1	11,059	1.50	9.39	110.4	24.42
Kentucky.....	2,186.6	12,463	1.53	8.49	149.9	37.37
Montana.....	558.5	9,411	.37	4.60	147.2	27.71
Pennsylvania.....	472.0	13,207	1.63	6.77	140.6	37.13
Virginia.....	26.3	13,049	1.06	8.03	164.0	42.81
West Virginia.....	2,205.0	12,595	.91	10.85	145.8	36.72
Wyoming.....	4,448.7	8,524	.38	5.67	121.4	20.70
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	596.4	11,762	.59	6.49	148.2	34.87
Venezuela.....	649.8	12,464	.64	6.01	156.9	39.11
<b>Total</b> .....	<b>15,193.3</b>	<b>11,067</b>	<b>.94</b>	<b>7.78</b>	<b>145.3</b>	<b>32.17</b>
April - June						
Alabama.....	1,275.3	12,083	.91	13.44	194.1	46.90
Colorado.....	989.1	11,126	.46	8.47	154.8	34.44
Illinois.....	2,323.6	12,113	1.78	7.69	142.7	34.58
Indiana.....	19.7	11,136	1.44	9.84	109.3	24.34
Kentucky.....	1,787.8	12,644	1.48	8.63	154.3	39.03
Maryland.....	37.5	13,059	1.49	9.32	146.0	38.13
Montana.....	176.2	9,391	.37	4.60	147.6	27.72
Pennsylvania.....	516.9	13,259	1.59	6.86	137.3	36.41
Virginia.....	25.9	13,628	.76	6.18	178.8	48.74
West Virginia.....	2,144.7	12,718	.98	10.37	144.2	36.67
Wyoming.....	4,159.5	8,394	.39	5.61	120.6	20.24
Colombia.....	554.4	11,791	.59	5.68	153.4	36.16
Indonesia.....	156.1	9,393	.14	1.00	130.4	24.50

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, 1993-1999 (Continued)**

Time Period and State or Country of Origin	Quantity (thousand short tons)	Average Quality <sup>1</sup>			Average Cost Delivered	
		Btu per Pound	Sulfur Percent by Weight	Ash Percent by Weight	Cents per Million Btu	Dollars per Short Ton
<b>Total of U.S. Electric Utility Plants</b>						
<b>1999</b>						
April - June						
Venezuela .....	499.2	12,283	0.60	7.43	142.5	35.01
<b>Total .....</b>	<b>14,665.9</b>	<b>11,118</b>	<b>.94</b>	<b>7.94</b>	<b>145.7</b>	<b>32.39</b>
July - September						
Alabama .....	956.1	12,140	.87	13.36	196.9	47.81
Colorado .....	725.0	10,972	.50	8.36	149.2	32.74
Illinois .....	1,962.6	12,161	1.72	7.69	145.0	35.26
Indiana .....	74.5	11,059	1.90	8.94	124.9	27.62
Kentucky .....	1,917.9	12,724	1.65	8.72	152.8	38.88
Maryland .....	46.5	13,054	1.48	9.54	146.1	38.14
Montana .....	74.0	9,354	.38	4.70	157.8	29.52
Pennsylvania .....	482.5	13,146	2.00	7.01	133.5	35.11
Virginia .....	101.6	13,217	1.25	7.74	166.5	44.02
West Virginia .....	1,996.3	12,790	1.05	9.98	144.3	36.91
Wyoming .....	4,177.8	8,462	.35	5.48	119.7	20.26
Colombia .....	813.0	11,741	.57	5.06	152.2	35.73
Indonesia .....	231.6	9,422	.11	1.03	131.6	24.80
Poland .....	4.0	12,842	.78	6.21	193.0	49.57
Venezuela .....	491.3	12,906	.69	6.50	149.2	38.50
<b>Total .....</b>	<b>14,054.6</b>	<b>11,145</b>	<b>.96</b>	<b>7.59</b>	<b>144.6</b>	<b>32.22</b>
October - December						
Alabama .....	1,150.0	12,361	.85	11.43	201.0	49.69
Colorado .....	285.5	10,391	.36	6.02	144.7	30.08
Illinois .....	2,454.3	12,122	1.93	7.73	146.4	35.50
Indiana .....	21.2	11,001	1.38	9.40	123.3	27.12
Kentucky .....	2,210.3	12,532	1.31	8.28	147.9	37.07
Maryland .....	38.9	12,939	1.41	11.56	144.2	37.31
Montana .....	1,139.8	9,382	.36	4.41	148.3	27.83
Ohio .....	6.6	13,017	2.44	6.20	157.6	41.03
Pennsylvania .....	423.0	13,101	1.69	6.96	142.4	37.31
Virginia .....	185.0	13,213	1.19	8.14	162.2	42.85
West Virginia .....	2,221.0	12,634	.92	10.56	144.7	36.57
Wyoming .....	3,470.2	8,455	.36	5.59	123.2	20.83
Colombia .....	475.2	11,757	.49	4.54	146.5	34.44
Venezuela .....	430.4	12,605	.67	5.49	148.0	37.31
<b>Total .....</b>	<b>14,511.5</b>	<b>11,201</b>	<b>.96</b>	<b>7.56</b>	<b>147.2</b>	<b>32.97</b>
<b>Year to Date</b>						
Alabama .....	4,548.2	12,161	.88	12.78	195.7	47.60
Colorado .....	2,410.0	10,918	.45	7.82	150.5	32.87
Illinois .....	9,110.4	12,116	1.80	7.67	145.3	35.22
Indiana .....	155.5	11,061	1.67	9.23	118.9	26.31
Kentucky .....	8,102.6	12,583	1.49	8.52	151.0	38.01
Maryland .....	122.9	13,019	1.46	10.11	145.5	37.87
Montana .....	1,948.6	9,390	.36	4.49	148.3	27.85
Ohio .....	6.6	13,017	2.44	6.20	157.6	41.03
Pennsylvania .....	1,894.4	13,182	1.73	6.90	138.3	36.46
Virginia .....	338.9	13,234	1.16	7.86	164.9	43.65
West Virginia .....	8,566.9	12,681	.96	10.45	144.8	36.71
Wyoming .....	16,256.2	8,460	.37	5.59	121.1	20.50
Australia .....	62.9	11,506	.67	11.80	124.2	28.58
Colombia .....	2,439.0	11,761	.56	5.45	150.4	35.37
Indonesia .....	387.6	9,410	.12	1.02	131.1	24.68
Poland .....	4.0	12,842	.78	6.21	193.0	49.57
Venezuela .....	2,070.8	12,555	.65	6.36	149.8	37.60
<b>Total .....</b>	<b>58,425.4</b>	<b>11,132</b>	<b>.95</b>	<b>7.72</b>	<b>145.7</b>	<b>32.44</b>

<sup>1</sup> Data reported on quality of coal as received.

<sup>2</sup> Coal delivered to Tampa Electric's Davant Transfer (New Orleans) is ultimately shipped to Tampa Electric's Big Bend and Gannon plants incurring an additional transportation cost.

\* Rounded to zero.

Notes: Total may not equal sum of components because of independent rounding. Only plants that have received imported coal since January 1, 1993, are included.

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