

# **Quarterly Coal Report January-March 1999**

**Energy Information Administration**  
Office of Coal, Nuclear, Electric  
and Alternate Fuels  
U.S. Department of Energy  
Washington, DC 20585

# Contacts

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

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

# Preface

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

This report presents detailed quarterly data for January through March 1999 and aggregated quarterly historical data for 1993 through the fourth quarter of 1998. 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(97) .

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

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

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

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

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

# Contents

	<b>Page</b>
Production .....	3
Exports and Imports .....	7
Receipts .....	19
Consumption .....	41
Stocks .....	51
Appendices	
A. U.S. Coal Imports .....	61

# Tables

	<b>Page</b>
1. U.S. Coal Production, Imports, Consumption, Exports, and Stocks, 1993-1999 .....	1
2. U.S. Coke Production, Imports, Consumption, Exports, and Stocks, 1993-1999 .....	2
3. U.S. Coal Production, 1993-1999 .....	4
4. Coal Production by State .....	5
5. Coke and Breeze Production at Coke Plants .....	6
6. U.S. Coal Exports and Imports, 1993-1999 .....	8
7. Average Price of U.S. Coal Exports and Imports, 1993-1999 .....	8
8. U.S. Coal Exports .....	9
9. Average Price of U.S. Coal Exports .....	10
10. U.S. Steam Coal Exports .....	11
11. Average Price of U.S. Steam Coal Exports .....	12
12. U.S. Metallurgical Coal Exports .....	13
13. Average Price of U.S. Metallurgical Coal Exports .....	14
14. Coal Exports by Customs District .....	15
15. U.S. Coke Exports .....	16
16. U.S. Coal Imports .....	16
17. Average Price of U.S. Coal Imports .....	17
18. Coal Imports by Customs District .....	18
19. U.S. Coke Imports .....	18
20. U.S. Coal Receipts by End-Use Sector, 1993-1999 .....	20
21. Average Price of Coal Receipts by End-Use Sector, 1993-1999 .....	21
22. Coal Receipts by Census Division and State .....	22
23. Quantity and Price of Coal Receipts at Electric Utility Plants by Census Division and State .....	23
24. Quantity and Price of Contract Coal Receipts at Electric Utility Plants by Census Division and State ..	24
25. Quantity and Price of Spot Coal Receipts at Electric Utility Plants by Census Division and State .....	25
26. Average Cost of Coal Receipts at Electric Utility Plants by Census Division and State .....	26
27. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-March 1999 .....	27
28. Destination of Coal Received at Electric Utility Plants by Origin, January-March 1999, 1998 .....	28
29. Origin of Coal Received at Electric Utility Plants by Destination, January-March 1999, 1998 .....	32
30. Coal Receipts at Coke Plants .....	35
31. Average Price of Coal Receipts at Coke Plants .....	36
32. Coal Receipts at Other Industrial Plants by Census Division and State .....	37
33. Average Price of Coal Receipts at Other Industrial Plants by Census Division and State .....	38
34. U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code .....	39
35. Average Price of U.S. Coal Receipts at Manufacturing Plants by North American Industry Classification System (NAICS) Code .....	39
36. Coal Receipts by the Residential and Commercial Sector by Census Division and State .....	40
37. U.S. Coal Consumption by End-Use Sector, 1993-1999 .....	42
38. Coal Consumption by Census Division and State .....	43
39. Coal Consumption at Electric Utility Plants by Census Division and State .....	44
40. Change in Electric Utility Net Generation by State and Census Division, 1999 versus 1998 .....	45
41. Coal Carbonized at Coke Plants by Census Division and State .....	46
42. Coal Consumption at Other Industrial Plants by Census Division and State .....	47
43. U.S. Coal Consumption at Manufacturing Plants by North American Industry Classification System (NAICS) Code .....	48
44. Coal Consumption by Residential and Commercial Sector by Census Division and State .....	49
45. U.S. Coal Stocks, 1993-1999 .....	52
46. Consumer Coal Stocks by Census Division and State, March 31, 1999 .....	53
47. Coal Stocks at Electric Utility Plants by Census Division and State .....	54
48. Coal Stocks at Coke Plants by Census Division and State .....	55
49. Coal Stocks at Other Industrial Plants by Census Division and State .....	56
50. U.S. Coal Stocks at Manufacturing Plants by North American Industry Classification System (NAICS) Code .....	57
51. Coke and Breeze Stocks at Coke Plants .....	57

A1.	Quantity and Average Price of U.S. Coal Imports, 1993-1999 .....	61
A2.	Quantity and Average Price of U.S. Coal Imports by Origin, 1993-1999 .....	62
A3.	U.S. Coal Imports by Origin and by Customs District .....	63
A4.	Average Price of U.S. Coal Imports by Origin and by Customs District .....	64
A5.	Imported Coal Received at Electric Utility Plants by Origin .....	65
A6.	Cost and Quality of Imported Coal Received at Electric Utility Plants by Origin, 1993-1999 .....	66
A7.	Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 1993-1999 .....	74

**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	1,213	38,453	229,165	18,870	152,619	
April - June .....	233,750	1,093	34,827	214,820	19,946	154,842	
July - September .....	227,131	2,142	27,183	249,872	18,522	121,909	
October - December .....	241,127	2,861	25,284	232,087	17,181	120,458	
<b>Total .....</b>	<b>945,424</b>	<b>7,309</b>		<b>944,081</b>	<b>74,519</b>		<b>-13,924</b>
1994							
January - March .....	255,153	1,850	34,139	237,596	14,877	112,278	
April - June .....	256,964	1,577	35,758	223,145	17,940	126,694	
July - September .....	260,853	2,304	32,955	245,820	19,704	121,225	
October - December .....	260,535	1,853	33,219	223,640	18,838	136,139	
<b>Total .....</b>	<b>1,033,504</b>	<b>7,584</b>		<b>951,461</b>	<b>71,359</b>		<b>-5,348</b>
1995							
January - March .....	267,121	1,795	42,460	227,695	18,988	144,004	
April - June .....	249,352	1,609	42,104	217,496	23,184	151,657	
July - September .....	257,857	1,725	36,193	259,415	22,175	131,739	
October - December .....	258,644	2,071	34,444	236,274	24,201	134,639	
<b>Total .....</b>	<b>1,032,974</b>	<b>7,201</b>		<b>962,039</b>	<b>88,547</b>		<b>-10,136</b>
1996							
January - March .....	259,756	1,713	36,851	243,360	20,516	124,752	
April - June .....	263,397	1,552	37,344	229,264	23,039	134,280	
July - September .....	272,118	2,071	33,780	259,657	23,504	127,588	
October - December .....	268,585	1,790	28,648	251,053	23,414	122,979	
<b>Total .....</b>	<b>1,063,856</b>	<b>7,126</b>		<b>1,005,573</b>	<b>90,473</b>		<b>-7,608</b>
1997							
January - March .....	274,080	1,331	37,544	246,633	20,011	120,671	
April - June .....	270,136	1,708	42,529	233,463	20,603	127,588	
July - September .....	271,650	2,222	39,111	269,464	22,354	109,516	
October - December .....	274,065	2,226	33,973	258,065	20,576	106,401	
<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 .....	281,583	1,839	E 40,994	247,299	18,621	114,574	
April - June .....	275,409	2,193	E 38,331	243,796	20,749	124,366	
July - September .....	278,581	2,145	E 39,803	277,307	19,898	111,862	
October - December .....	282,560	2,547	36,144	246,265	18,780	128,089	
<b>Total .....</b>	<b>1,118,133</b>	<b>8,724</b>		<b>1,042,748</b>	<b>78,048</b>		<b>-17,798</b>
1999							
January - March .....	282,282	2,248	E 37,938	243,390	12,961	142,405	
<b>Total .....</b>	<b>282,282</b>	<b>2,248</b>		<b>243,390</b>	<b>12,961</b>		<b>NA</b>

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

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

<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>NA</sup> Not available.

<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-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
<b>Total</b> .....	<b>4,790</b>	<b>781</b>		<b>5,288</b>	<b>195</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.....	281,583	275,409	278,581	282,560	1,118,133
1999.....	282,282	NA	NA	NA	282,282

NA Not available.

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

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

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

Coal-Producing Region and State	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
Alabama.....	5,643	5,705	6,341	5,643	6,341	-11.0
Alaska.....	345	316	367	345	367	-5.9
Arizona.....	3,133	3,056	3,136	3,133	3,136	-1.1
Arkansas.....	6	5	5	6	5	18.6
Colorado.....	7,408	7,624	7,034	7,408	7,034	5.3
Illinois.....	10,544	9,930	10,261	10,544	10,261	2.8
Indiana.....	8,686	9,091	9,219	8,686	9,219	-5.8
Kansas.....	113	86	94	113	94	20.1
Kentucky Total.....	36,827	35,791	40,063	36,827	40,063	-8.1
Eastern.....	29,143	27,994	30,618	29,143	30,618	-4.8
Western.....	7,684	7,797	9,445	7,684	9,445	-18.6
Louisiana.....	572	881	750	572	750	-23.7
Maryland.....	1,033	859	1,115	1,033	1,115	-7.3
Missouri.....	123	97	73	123	73	68.1
Montana.....	10,048	10,942	10,455	10,048	10,455	-3.9
New Mexico.....	8,247	7,979	6,622	8,247	6,622	24.5
North Dakota.....	7,968	8,105	7,794	7,968	7,794	2.2
Ohio.....	6,237	6,726	7,595	6,237	7,595	-17.9
Oklahoma.....	438	384	416	438	416	5.3
Pennsylvania Total.....	20,127	20,153	20,460	20,127	20,460	-1.6
Anthracite.....	1,116	1,396	1,229	1,116	1,229	-9.2
Bituminous.....	19,011	18,757	19,231	19,011	19,231	-1.1
Tennessee.....	718	729	656	718	656	9.3
Texas.....	11,982	13,116	12,823	11,982	12,823	-6.6
Utah.....	6,655	7,135	6,239	6,655	6,239	6.7
Virginia.....	8,341	8,560	8,339	8,341	8,339	*
Washington.....	854	1,191	894	854	894	-4.5
West Virginia Total.....	42,667	42,853	44,414	42,667	44,414	-3.9
Northern.....	10,850	11,283	12,026	10,850	12,026	-9.8
Southern.....	31,817	31,570	32,388	31,817	32,388	-1.8
Wyoming.....	83,567	81,241	76,418	83,567	76,418	9.4
<b>Appalachian Total.....</b>	<b>113,909</b>	<b>113,580</b>	<b>119,539</b>	<b>113,909</b>	<b>119,539</b>	<b>-4.7</b>
<b>Interior Total.....</b>	<b>40,147</b>	<b>41,389</b>	<b>43,085</b>	<b>40,147</b>	<b>43,085</b>	<b>-6.8</b>
<b>Western Total.....</b>	<b>128,225</b>	<b>127,591</b>	<b>118,959</b>	<b>128,225</b>	<b>118,959</b>	<b>7.8</b>
<b>East of the Miss. River.....</b>	<b>140,823</b>	<b>140,399</b>	<b>148,464</b>	<b>140,823</b>	<b>148,464</b>	<b>-5.1</b>
<b>West of the Miss. River.....</b>	<b>141,459</b>	<b>142,162</b>	<b>133,120</b>	<b>141,459</b>	<b>133,120</b>	<b>6.3</b>
<b>U.S. Total.....</b>	<b>282,282</b>	<b>282,560</b>	<b>281,583</b>	<b>282,282</b>	<b>281,583</b>	<b>.2</b>

\* Rounded to zero.

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

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

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

(Thousand Short Tons)

Census Division	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	1,449	1,515	1,608	1,449	1,608	-9.9
<b>East North Central Total</b> .....	2,398	2,437	2,127	2,398	2,127	12.8
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	671	705	717	671	717	-6.4
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>5,079</b>	<b>5,306</b>	<b>5,096</b>	<b>5,079</b>	<b>5,096</b>	<b>-3</b>
<b>Coke Total</b> .....	4,790	4,991	4,812	4,790	4,812	-5
<b>Breeze Total</b> .....	290	314	285	290	285	1.7

<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	1,213	19,946	1,093	18,522	2,142	17,181	2,861	74,519	7,309
1994.....	14,877	1,850	17,940	1,577	19,704	2,304	18,838	1,853	71,359	7,584
1995.....	18,988	1,795	23,184	1,609	22,175	1,725	24,201	2,071	88,547	7,201
1996.....	20,516	1,713	23,039	1,552	23,504	2,071	23,414	1,790	90,473	7,126
1997.....	20,011	1,331	20,603	1,708	22,354	2,222	20,576	2,226	83,545	7,487
1998.....	18,621	1,839	20,749	2,193	19,898	2,145	18,780	2,547	78,048	8,724
1999.....	12,961	2,248	NA	NA	NA	NA	NA	NA	12,961	2,248

NA Not available.

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

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

**Table 7. Average Price of U.S. Coal Exports and Imports, 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	\$30.70	\$41.42	\$32.26	\$40.72	\$29.52	\$41.00	\$28.91	\$41.41	\$29.89
1994.....	41.89	28.86	40.01	28.73	38.86	30.92	39.43	31.93	39.93	30.21
1995.....	39.90	32.33	39.59	36.16	40.99	33.61	40.55	34.54	40.27	34.13
1996.....	41.77	33.52	40.78	32.46	40.53	33.19	40.08	34.55	40.76	33.45
1997.....	41.72	33.85	40.80	35.26	39.42	33.69	40.40	34.49	40.55	34.32
1998.....	41.66	33.98	38.49	31.43	37.83	32.38	37.73	31.38	38.93	32.18
1999.....	40.55	30.86	NA	NA	NA	NA	NA	NA	NA	NA

NA Not available.

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

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

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

Continent and Country of Destination	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>2,163,542</b>	<b>6,563,044</b>	<b>2,782,008</b>	<b>2,163,542</b>	<b>2,782,008</b>	<b>-22.2</b>
Canada <sup>1</sup> .....	1,882,736	6,058,214	2,326,409	1,882,736	2,326,409	-19.1
Dominican Republic.....	103	16,450	43,913	103	43,913	-99.8
Jamaica.....	-	15,382	14,779	-	14,779	-
Mexico.....	279,505	472,855	393,493	279,505	393,493	-29.0
Other <sup>2</sup> .....	1,198	143	3,414	1,198	3,414	-64.9
<b>South America Total</b> .....	<b>1,059,932</b>	<b>1,389,178</b>	<b>2,008,277</b>	<b>1,059,932</b>	<b>2,008,277</b>	<b>-47.2</b>
Argentina.....	45	52,157	89,757	45	89,757	-99.9
Brazil.....	1,009,328	1,299,166	1,788,968	1,009,328	1,788,968	-43.6
Chile.....	42,982	86	50,279	42,982	50,279	-14.5
Other <sup>2</sup> .....	7,577	37,769	79,273	7,577	79,273	-90.4
<b>Europe Total</b> .....	<b>7,003,487</b>	<b>7,486,431</b>	<b>9,375,173</b>	<b>7,003,487</b>	<b>9,375,173</b>	<b>-25.3</b>
Belgium & Luxembourg.....	752,446	700,544	987,540	752,446	987,540	-23.8
Bulgaria.....	127,593	-	506,231	127,593	506,231	-74.8
Denmark.....	-	-	154,909	-	154,909	-
Finland.....	-	185,441	-	-	-	-
France.....	544,042	921,537	874,249	544,042	874,249	-37.8
Germany, FR.....	248,854	102,515	238,807	248,854	238,807	4.2
Iceland.....	12,080	-	12,951	12,080	12,951	-6.7
Ireland.....	257,301	144,930	491,501	257,301	491,501	-47.6
Italy.....	887,646	1,036,450	1,612,341	887,646	1,612,341	-44.9
Netherlands.....	1,317,855	1,191,459	1,169,414	1,317,855	1,169,414	12.7
Norway.....	19,543	28,226	25,091	19,543	25,091	-22.1
Portugal.....	145,557	195,402	147,835	145,557	147,835	-1.5
Romania.....	218,271	115,805	350,985	218,271	350,985	-37.8
Spain.....	870,941	542,025	876,153	870,941	876,153	-6
Sweden.....	-	370,520	77,572	-	77,572	-
Turkey.....	328,644	297,829	609,949	328,644	609,949	-46.1
United Kingdom.....	1,272,714	1,653,728	1,237,380	1,272,714	1,237,380	2.9
Other <sup>2</sup> .....	-	20	2,265	-	2,265	-
<b>Asia Total</b> .....	<b>2,448,551</b>	<b>2,890,222</b>	<b>3,700,228</b>	<b>2,448,551</b>	<b>3,700,228</b>	<b>-33.8</b>
China (Taiwan).....	127,648	454,195	274,409	127,648	274,409	-53.5
Israel.....	194,711	193,690	182,322	194,711	182,322	6.8
Japan.....	1,386,752	1,734,271	2,492,550	1,386,752	2,492,550	-44.4
Korea, Republic of.....	724,295	494,649	720,284	724,295	720,284	.6
Other <sup>2</sup> .....	15,145	13,417	30,663	15,145	30,663	-50.6
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>621</b>	<b>3,963</b>	<b>-</b>	<b>3,963</b>	<b>-</b>
<b>Africa Total</b> .....	<b>285,676</b>	<b>450,373</b>	<b>750,919</b>	<b>285,676</b>	<b>750,919</b>	<b>-62.0</b>
Algeria.....	88,147	59,355	114,523	88,147	114,523	-23.0
Egypt.....	95,325	105,544	316,871	95,325	316,871	-69.9
South Africa, Rep of.....	102,204	285,474	315,309	102,204	315,309	-67.6
Other <sup>2</sup> .....	-	-	4,216	-	4,216	-
<b>Total</b> .....	<b>12,961,188</b>	<b>18,779,869</b>	<b>18,620,568</b>	<b>12,961,188</b>	<b>18,620,568</b>	<b>-30.4</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	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$29.75</b>	<b>\$29.24</b>	<b>\$29.33</b>	<b>\$29.75</b>	<b>\$29.33</b>	<b>1.4</b>
Canada <sup>1</sup> .....	27.37	27.97	27.86	27.37	27.86	-1.8
Dominican Republic.....	34.52	34.93	36.74	34.52	36.74	-6.1
Jamaica.....	-	38.78	39.69	-	39.69	-
Mexico.....	44.10	44.83	36.45	44.10	36.45	21.0
Other <sup>2</sup> .....	40.82	-	41.23	40.82	41.23	-1.0
<b>South America Total</b> .....	<b>41.03</b>	<b>42.30</b>	<b>43.18</b>	<b>41.03</b>	<b>43.18</b>	<b>-5.0</b>
Argentina.....	-	44.15	46.72	-	46.72	-
Brazil.....	41.57	42.19	43.51	41.57	43.51	-4.5
Chile.....	28.16	-	28.59	28.16	28.59	-1.5
Other <sup>2</sup> .....	41.41	43.70	40.81	41.41	40.81	1.5
<b>Europe Total</b> .....	<b>42.27</b>	<b>42.53</b>	<b>44.51</b>	<b>42.27</b>	<b>44.51</b>	<b>-5.0</b>
Belgium & Luxembourg.....	45.80	46.65	46.91	45.80	46.91	-2.4
Bulgaria.....	38.10	-	46.11	38.10	46.11	-17.4
Denmark.....	-	-	34.02	-	34.02	-
Finland.....	-	40.61	-	-	-	-
France.....	44.48	45.93	46.50	44.48	46.50	-4.3
Germany, FR.....	33.03	40.11	41.56	33.03	41.56	-20.5
Iceland.....	54.26	-	56.60	54.26	56.60	-4.1
Ireland.....	31.49	34.50	37.70	31.49	37.70	-16.5
Italy.....	47.76	45.87	46.32	47.76	46.32	3.1
Netherlands.....	41.66	43.88	47.08	41.66	47.08	-11.5
Norway.....	50.81	56.89	57.18	50.81	57.18	-11.2
Portugal.....	44.09	37.37	40.09	44.09	40.09	10.0
Romania.....	39.92	40.82	43.02	39.92	43.02	-7.2
Spain.....	42.01	41.05	44.00	42.01	44.00	-4.5
Sweden.....	-	47.05	48.45	-	48.45	-
Turkey.....	42.12	43.36	44.95	42.12	44.95	-6.3
United Kingdom.....	40.69	36.86	40.86	40.69	40.86	-4
Other <sup>2</sup> .....	-	-	34.48	-	34.48	-
<b>Asia Total</b> .....	<b>39.68</b>	<b>38.16</b>	<b>40.29</b>	<b>39.68</b>	<b>40.29</b>	<b>-1.5</b>
China (Taiwan).....	34.52	36.96	36.63	34.52	36.63	-5.8
Israel.....	30.69	32.34	36.04	30.69	36.04	-14.9
Japan.....	39.17	36.79	39.45	39.17	39.45	-7
Korea, Republic of.....	43.70	45.90	45.66	43.70	45.66	-4.3
Other <sup>2</sup> .....	53.79	55.84	40.81	53.79	40.81	31.8
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>29.87</b>	<b>51.08</b>	<b>-</b>	<b>51.08</b>	<b>-</b>
<b>Africa Total</b> .....	<b>49.12</b>	<b>45.10</b>	<b>46.22</b>	<b>49.12</b>	<b>46.22</b>	<b>6.3</b>
Algeria.....	41.25	45.28	45.13	41.25	45.13	-8.6
Egypt.....	57.51	38.71	43.94	57.51	43.94	30.9
South Africa, Rep of.....	48.09	47.42	49.35	48.09	49.35	-2.5
Other <sup>2</sup> .....	-	-	37.21	-	37.21	-
<b>Total</b> <sup>3</sup> .....	<b>39.89</b>	<b>37.34</b>	<b>41.37</b>	<b>39.89</b>	<b>41.37</b>	<b>-3.6</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>40.55</b>	<b>37.73</b>	<b>41.66</b>	<b>40.55</b>	<b>41.66</b>	<b>-2.7</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	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>2,003,987</b>	<b>5,018,223</b>	<b>2,278,717</b>	<b>2,003,987</b>	<b>2,278,717</b>	<b>-12.1</b>
Canada <sup>1</sup> .....	1,723,608	4,515,081	1,824,004	1,723,608	1,824,004	-5.5
Dominican Republic.....	103	16,450	43,913	103	43,913	-99.8
Jamaica.....	-	15,382	14,779	-	14,779	-
Mexico.....	279,078	471,167	392,607	279,078	392,607	-28.9
Other <sup>2</sup> .....	1,198	143	3,414	1,198	3,414	-64.9
<b>South America Total</b> .....	<b>60,408</b>	<b>8,749</b>	<b>145,337</b>	<b>60,408</b>	<b>145,337</b>	<b>-58.4</b>
Argentina.....	45	761	14,985	45	14,985	-99.7
Brazil.....	9,916	35	800	9,916	800	(3)
Chile.....	42,982	86	50,279	42,982	50,279	-14.5
Other <sup>2</sup> .....	7,465	7,867	79,273	7,465	79,273	-90.6
<b>Europe Total</b> .....	<b>1,469,235</b>	<b>1,704,557</b>	<b>2,194,757</b>	<b>1,469,235</b>	<b>2,194,757</b>	<b>-33.1</b>
Belgium & Luxembourg.....	34,749	15,117	126,519	34,749	126,519	-72.5
Denmark.....	-	-	154,909	-	154,909	-
France.....	7,385	6	81,196	7,385	81,196	-90.9
Germany, FR.....	186,510	40,297	128,995	186,510	128,995	44.6
Ireland.....	257,301	144,930	491,501	257,301	491,501	-47.6
Italy.....	12,347	82,025	390,692	12,347	390,692	-96.8
Netherlands.....	327,962	187,074	50,569	327,962	50,569	(3)
Norway.....	-	85	-	-	-	-
Portugal.....	-	128,127	81,218	-	81,218	-
Spain.....	205,016	176,512	167,952	205,016	167,952	22.1
Turkey.....	589	-	925	589	925	-36.3
United Kingdom.....	437,376	930,364	518,016	437,376	518,016	-15.6
Other <sup>2</sup> .....	-	20	2,265	-	2,265	-
<b>Asia Total</b> .....	<b>858,986</b>	<b>1,488,442</b>	<b>1,655,766</b>	<b>858,986</b>	<b>1,655,766</b>	<b>-48.1</b>
China (Taiwan).....	127,648	318,552	195,582	127,648	195,582	-34.7
Israel.....	194,711	193,690	144,631	194,711	144,631	34.6
Japan.....	427,807	974,904	1,131,243	427,807	1,131,243	-62.2
Korea, Republic of.....	105,799	-	153,647	105,799	153,647	-31.1
Other <sup>2</sup> .....	3,021	1,296	30,663	3,021	30,663	-90.1
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>621</b>	<b>1,132</b>	<b>-</b>	<b>1,132</b>	<b>-</b>
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>4,216</b>	<b>-</b>	<b>4,216</b>	<b>-</b>
Other <sup>2</sup> .....	-	-	4,216	-	4,216	-
<b>Total</b> .....	<b>4,392,616</b>	<b>8,220,592</b>	<b>6,279,925</b>	<b>4,392,616</b>	<b>6,279,925</b>	<b>-30.1</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> Changes of 500 percent or more are not shown.

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	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$29.48</b>	<b>\$28.15</b>	<b>\$28.42</b>	<b>\$29.48</b>	<b>\$28.42</b>	<b>3.7</b>
Canada <sup>1</sup> .....	26.82	26.30	26.30	26.82	26.30	2.0
Dominican Republic.....	34.52	34.93	36.74	34.52	36.74	-6.1
Jamaica.....	-	38.78	39.69	-	39.69	-
Mexico.....	44.09	44.83	36.45	44.09	36.45	21.0
Other <sup>2</sup> .....	40.82	-	41.23	40.82	41.23	-1.0
<b>South America Total</b> .....	<b>30.82</b>	<b>40.82</b>	<b>36.58</b>	<b>30.82</b>	<b>36.58</b>	<b>-15.7</b>
Argentina.....	-	40.76	40.80	-	40.80	-
Brazil.....	34.47	-	40.77	34.47	40.77	-15.4
Chile.....	28.16	-	28.59	28.16	28.59	-1.5
Other <sup>2</sup> .....	41.27	40.82	40.81	41.27	40.81	1.1
<b>Europe Total</b> .....	<b>28.71</b>	<b>29.11</b>	<b>33.93</b>	<b>28.71</b>	<b>33.93</b>	<b>-15.4</b>
Belgium & Luxembourg.....	45.50	46.56	35.18	45.50	35.18	29.3
Denmark.....	-	-	34.02	-	34.02	-
France.....	35.52	-	36.20	35.52	36.20	-1.9
Germany, FR.....	29.86	32.30	35.97	29.86	35.97	-17.0
Ireland.....	31.49	34.50	37.70	31.49	37.70	-16.5
Italy.....	47.71	28.86	38.68	47.71	38.68	23.4
Netherlands.....	27.76	28.55	24.60	27.76	24.60	12.9
Norway.....	-	34.33	-	-	-	-
Portugal.....	-	32.70	36.88	-	36.88	-
Spain.....	21.79	24.36	21.02	21.79	21.02	3.7
Turkey.....	40.75	-	40.75	40.75	40.75	*
United Kingdom.....	28.53	28.38	30.04	28.53	30.04	-5.0
Other <sup>2</sup> .....	-	-	34.48	-	34.48	-
<b>Asia Total</b> .....	<b>32.24</b>	<b>33.50</b>	<b>35.01</b>	<b>32.24</b>	<b>35.01</b>	<b>-7.9</b>
China (Taiwan).....	34.52	34.52	34.52	34.52	34.52	*
Israel.....	30.69	32.34	34.88	30.69	34.88	-12.0
Japan.....	33.23	33.40	34.52	33.23	34.52	-3.7
Korea, Republic of.....	28.23	-	38.17	28.23	38.17	-26.0
Other <sup>2</sup> .....	36.36	37.35	40.81	36.36	40.81	-10.9
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>29.87</b>	<b>40.80</b>	<b>-</b>	<b>40.80</b>	<b>-</b>
<b>Africa Total</b> .....	<b>-</b>	<b>-</b>	<b>37.21</b>	<b>-</b>	<b>37.21</b>	<b>-</b>
Other <sup>2</sup> .....	-	-	37.21	-	37.21	-
<b>Total</b> <sup>3</sup> .....	<b>29.79</b>	<b>29.36</b>	<b>32.33</b>	<b>29.79</b>	<b>32.33</b>	<b>-7.8</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>32.10</b>	<b>30.38</b>	<b>32.93</b>	<b>32.10</b>	<b>32.93</b>	<b>-2.5</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 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	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>159,555</b>	<b>1,544,821</b>	<b>503,291</b>	<b>159,555</b>	<b>503,291</b>	<b>-68.3</b>
Canada <sup>1</sup> .....	159,128	1,543,133	502,405	159,128	502,405	-68.3
Mexico.....	427	1,688	886	427	886	-51.8
<b>South America Total</b> .....	<b>999,524</b>	<b>1,380,429</b>	<b>1,862,940</b>	<b>999,524</b>	<b>1,862,940</b>	<b>-46.3</b>
Argentina.....	-	51,396	74,772	-	74,772	-
Brazil.....	999,412	1,299,131	1,788,168	999,412	1,788,168	-44.1
Other <sup>2</sup> .....	112	29,902	-	112	-	-
<b>Europe Total</b> .....	<b>5,534,252</b>	<b>5,781,874</b>	<b>7,180,416</b>	<b>5,534,252</b>	<b>7,180,416</b>	<b>-22.9</b>
Belgium & Luxembourg.....	717,697	685,427	861,021	717,697	861,021	-16.6
Bulgaria.....	127,593	-	506,231	127,593	506,231	-74.8
Finland.....	-	185,441	-	-	-	-
France.....	536,657	921,531	793,053	536,657	793,053	-32.3
Germany, FR.....	62,344	62,218	109,812	62,344	109,812	-43.2
Iceland.....	12,080	-	12,951	12,080	12,951	-6.7
Italy.....	875,299	954,425	1,221,649	875,299	1,221,649	-28.4
Netherlands.....	989,893	1,004,385	1,118,845	989,893	1,118,845	-11.5
Norway.....	19,543	28,141	25,091	19,543	25,091	-22.1
Portugal.....	145,557	67,275	66,617	145,557	66,617	118.5
Romania.....	218,271	115,805	350,985	218,271	350,985	-37.8
Spain.....	665,925	365,513	708,201	665,925	708,201	-6.0
Sweden.....	-	370,520	77,572	-	77,572	-
Turkey.....	328,055	297,829	609,024	328,055	609,024	-46.1
United Kingdom.....	835,338	723,364	719,364	835,338	719,364	16.1
<b>Asia Total</b> .....	<b>1,589,565</b>	<b>1,401,780</b>	<b>2,044,462</b>	<b>1,589,565</b>	<b>2,044,462</b>	<b>-22.3</b>
China (Taiwan).....	-	135,643	78,827	-	78,827	-
Israel.....	-	-	37,691	-	37,691	-
Japan.....	958,945	759,367	1,361,307	958,945	1,361,307	-29.6
Korea, Republic of.....	618,496	494,649	566,637	618,496	566,637	9.2
Other <sup>2</sup> .....	12,124	12,121	-	12,124	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>2,831</b>	<b>-</b>	<b>2,831</b>	<b>-</b>
<b>Africa Total</b> .....	<b>285,676</b>	<b>450,373</b>	<b>746,703</b>	<b>285,676</b>	<b>746,703</b>	<b>-61.7</b>
Algeria.....	88,147	59,355	114,523	88,147	114,523	-23.0
Egypt.....	95,325	105,544	316,871	95,325	316,871	-69.9
South Africa, Rep of.....	102,204	285,474	315,309	102,204	315,309	-67.6
<b>Total</b> .....	<b>8,568,572</b>	<b>10,559,277</b>	<b>12,340,643</b>	<b>8,568,572</b>	<b>12,340,643</b>	<b>-30.6</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 13. Average Price of U.S. Metallurgical Coal Exports**  
(Dollars per Short Ton)

Continent and Country of Destination	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$32.77</b>	<b>\$32.66</b>	<b>\$33.29</b>	<b>\$32.77</b>	<b>\$33.29</b>	<b>-1.6</b>
Canada <sup>1</sup> .....	32.72	32.65	33.29	32.72	33.29	-1.7
Mexico.....	49.80	49.78	-	49.80	-	-
<b>South America Total</b> .....	<b>41.64</b>	<b>42.31</b>	<b>43.69</b>	<b>41.64</b>	<b>43.69</b>	<b>-4.7</b>
Argentina.....	-	44.18	47.90	-	47.90	-
Brazil.....	41.64	42.19	43.51	41.64	43.51	-4.3
Other <sup>2</sup> .....	51.04	44.45	-	51.04	-	-
<b>Europe Total</b> .....	<b>45.88</b>	<b>46.50</b>	<b>47.73</b>	<b>45.88</b>	<b>47.73</b>	<b>-3.9</b>
Belgium & Luxembourg.....	45.82	46.65	48.63	45.82	48.63	-5.8
Bulgaria.....	38.10	-	46.11	38.10	46.11	-17.4
Finland.....	-	40.61	-	-	-	-
France.....	44.60	45.93	47.55	44.60	47.55	-6.2
Germany, FR.....	42.52	45.17	48.13	42.52	48.13	-11.7
Iceland.....	54.26	-	56.60	54.26	56.60	-4.1
Italy.....	47.76	47.33	48.76	47.76	48.76	-2.1
Netherlands.....	46.27	46.74	47.92	46.27	47.92	-3.5
Norway.....	50.81	57.12	57.18	50.81	57.18	-11.2
Portugal.....	44.09	46.27	44.00	44.09	44.00	.2
Romania.....	39.92	40.82	43.02	39.92	43.02	-7.2
Spain.....	48.23	49.11	49.43	48.23	49.43	-2.4
Sweden.....	-	47.05	48.45	-	48.45	-
Turkey.....	42.12	43.36	44.96	42.12	44.96	-6.3
United Kingdom.....	47.05	47.75	48.66	47.05	48.66	-3.3
<b>Asia Total</b> .....	<b>43.70</b>	<b>43.11</b>	<b>44.57</b>	<b>43.70</b>	<b>44.57</b>	<b>-2.0</b>
China (Taiwan).....	-	42.69	41.86	-	41.86	-
Israel.....	-	-	40.51	-	40.51	-
Japan.....	41.82	41.14	43.55	41.82	43.55	-4.0
Korea, Republic of.....	46.35	45.90	47.69	46.35	47.69	-2.8
Other <sup>2</sup> .....	56.93	57.72	-	56.93	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>55.11</b>	<b>-</b>	<b>55.11</b>	<b>-</b>
<b>Africa Total</b> .....	<b>49.12</b>	<b>45.10</b>	<b>46.28</b>	<b>49.12</b>	<b>46.28</b>	<b>6.1</b>
Algeria.....	41.25	45.28	45.13	41.25	45.13	-8.6
Egypt.....	57.51	38.71	43.94	57.51	43.94	30.9
South Africa, Rep of.....	48.09	47.42	49.35	48.09	49.35	-2.5
<b>Total</b> <sup>3</sup> .....	<b>44.84</b>	<b>43.41</b>	<b>45.92</b>	<b>44.84</b>	<b>45.92</b>	<b>-2.4</b>
<b>U.S. Total</b> <sup>4</sup> .....	<b>44.87</b>	<b>43.46</b>	<b>46.09</b>	<b>44.87</b>	<b>46.09</b>	<b>-2.6</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	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>Eastern Total</b> .....	<b>8,864,579</b>	<b>10,783,513</b>	<b>12,999,407</b>	<b>8,864,579</b>	<b>12,999,407</b>	<b>-31.8</b>
Baltimore, MD.....	1,526,481	1,188,054	2,142,712	1,526,481	2,142,712	-28.8
Portland, ME.....	236,222	268,488	101,851	236,222	101,851	131.9
Buffalo, NY.....	223,515	1,484,657	480,182	223,515	480,182	-53.5
New York City, NY.....	98	291	2,547	98	2,547	-96.2
Ogdensburg, NY.....	6,159	7,286	7,016	6,159	7,016	-12.2
Philadelphia, PA.....	54,177	32,050	44,670	54,177	44,670	21.3
Norfolk, VA.....	6,817,927	7,802,687	10,220,429	6,817,927	10,220,429	-33.3
<b>Southern Total</b> .....	<b>2,294,905</b>	<b>2,921,564</b>	<b>2,870,812</b>	<b>2,294,905</b>	<b>2,870,812</b>	<b>-20.1</b>
Mobile, AL.....	888,891	1,039,782	1,150,602	888,891	1,150,602	-22.7
Savannah, GA.....	201	45	1,110	201	1,110	-81.9
Miami, FL.....	125	521	904	125	904	-86.2
Tampa, FL.....	-	99	-	-	-	-
New Orleans, LA.....	1,089,521	1,383,705	1,098,944	1,089,521	1,098,944	-9
Wilmington, NC.....	60	61	-	60	-	-
San Juan, PR.....	-	-	39,742	-	39,742	-
Charleston, SC.....	630	-	23	630	23	(1)
Houston-Galveston, TX.....	36,582	31,172	188,597	36,582	188,597	-80.6
Laredo, TX.....	278,895	466,179	390,890	278,895	390,890	-28.7
<b>Western Total</b> .....	<b>502,053</b>	<b>978,129</b>	<b>1,215,585</b>	<b>502,053</b>	<b>1,215,585</b>	<b>-58.7</b>
Anchorage, AK.....	72,456	-	77,581	72,456	77,581	-6.6
Nogales, AZ.....	-	22	-	-	-	-
Los Angeles, CA.....	428,642	976,748	1,131,720	428,642	1,131,720	-62.1
San Diego, CA.....	205	-	2,603	205	2,603	-92.1
San Francisco, CA.....	-	110	2,831	-	2,831	-
Great Falls, MT.....	298	975	286	298	286	4.2
Seattle, WA.....	452	274	564	452	564	-19.9
<b>Northern Total</b> .....	<b>1,294,764</b>	<b>4,087,480</b>	<b>1,526,109</b>	<b>1,294,764</b>	<b>1,526,109</b>	<b>-15.2</b>
Detroit, MI.....	243,394	586,416	448,506	243,394	448,506	-45.7
Duluth, MN.....	28,558	604,448	-	28,558	-	-
Pembina, ND.....	22,459	34,956	11,406	22,459	11,406	96.9
Cleveland, OH.....	1,000,353	2,861,660	1,066,197	1,000,353	1,066,197	-6.2
<b>Other Ports</b> .....	<b>4,887</b>	<b>9,183</b>	<b>8,655</b>	<b>4,887</b>	<b>8,655</b>	<b>-43.5</b>
<b>Total</b> .....	<b>12,961,188</b>	<b>18,779,869</b>	<b>18,620,568</b>	<b>12,961,188</b>	<b>18,620,568</b>	<b>-30.4</b>

1 Changes of 500 percent or more are not shown.

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

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

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

Continent and Country of Destination	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>193,046</b>	<b>260,931</b>	<b>191,969</b>	<b>193,046</b>	<b>191,969</b>	<b>0.6</b>
Canada <sup>1</sup> .....	141,797	228,862	118,903	141,797	118,903	19.3
Mexico.....	49,529	31,495	72,559	49,529	72,559	-31.7
Other <sup>2</sup> .....	1,720	574	507	1,720	507	239.3
<b>South America Total</b> .....	<b>847</b>	<b>-</b>	<b>-</b>	<b>847</b>	<b>-</b>	<b>-</b>
<b>Europe Total</b> .....	<b>-</b>	<b>27,603</b>	<b>4,704</b>	<b>-</b>	<b>4,704</b>	<b>-</b>
Other <sup>2</sup> .....	-	27,603	4,704	-	4,704	-
<b>Asia Total</b> .....	<b>206</b>	<b>106</b>	<b>316</b>	<b>206</b>	<b>316</b>	<b>-34.8</b>
<b>Oceania &amp; Australia Total</b> .....	<b>737</b>	<b>-</b>	<b>-</b>	<b>737</b>	<b>-</b>	<b>-</b>
<b>Total<sup>3</sup></b> .....	<b>194,836</b>	<b>288,640</b>	<b>196,989</b>	<b>194,836</b>	<b>196,989</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 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	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>115,699</b>	<b>370,308</b>	<b>131,459</b>	<b>115,699</b>	<b>131,459</b>	<b>-12.0</b>
Canada.....	99,901	369,038	131,459	99,901	131,459	-24.0
Mexico.....	15,798	1,270	-	15,798	-	-
<b>South America Total</b> .....	<b>1,714,792</b>	<b>1,685,021</b>	<b>1,425,452</b>	<b>1,714,792</b>	<b>1,425,452</b>	<b>20.3</b>
Colombia.....	1,200,383	1,125,311	658,637	1,200,383	658,637	82.3
Venezuela.....	514,409	559,710	766,815	514,409	766,815	-32.9
<b>Europe Total</b> .....	<b>61,879</b>	<b>36,733</b>	<b>4,098</b>	<b>61,879</b>	<b>4,098</b>	<b>(<sup>b</sup>)</b>
Belgium & Luxembourg.....	1,084	286	1,847	1,084	1,847	-41.3
Italy.....	-	11	25	-	25	-
Spain.....	-	36,432	-	-	-	-
United Kingdom.....	60,795	4	2,226	60,795	2,226	( <sup>b</sup> )
<b>Asia Total</b> .....	<b>261,467</b>	<b>421,726</b>	<b>246,462</b>	<b>261,467</b>	<b>246,462</b>	<b>6.1</b>
China (Mainland).....	13,587	897	815	13,587	815	( <sup>b</sup> )
Indonesia.....	247,880	420,828	245,647	247,880	245,647	.9
Japan.....	-	1	-	-	-	-
<b>Oceania &amp; Australia Total</b> .....	<b>94,022</b>	<b>33,066</b>	<b>31,523</b>	<b>94,022</b>	<b>31,523</b>	<b>198.3</b>
Australia.....	94,022	33,066	31,523	94,022	31,523	198.3
<b>Total</b> .....	<b>2,247,859</b>	<b>2,546,854</b>	<b>1,838,994</b>	<b>2,247,859</b>	<b>1,838,994</b>	<b>22.2</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	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>\$28.84</b>	<b>\$36.63</b>	<b>\$33.66</b>	<b>\$28.84</b>	<b>\$33.66</b>	<b>-14.3</b>
Canada.....	28.84	36.69	33.66	28.84	33.66	-14.3
Mexico.....	-	20.87	-	-	-	-
<b>South America Total</b> .....	<b>30.63</b>	<b>31.36</b>	<b>32.66</b>	<b>30.63</b>	<b>32.66</b>	<b>-6.2</b>
Colombia.....	30.08	30.98	33.01	30.08	33.01	-8.9
Venezuela.....	32.22	32.27	32.36	32.22	32.36	-5
<b>Europe Total</b> .....	<b>29.48</b>	<b>36.48</b>	<b>42.03</b>	<b>29.48</b>	<b>42.03</b>	<b>-29.8</b>
Spain.....	-	36.48	-	-	-	-
United Kingdom.....	29.48	-	42.03	29.48	42.03	-29.8
<b>Asia Total</b> .....	<b>38.64</b>	<b>33.79</b>	<b>38.77</b>	<b>38.64</b>	<b>38.77</b>	<b>-3</b>
China (Mainland).....	42.65	-	-	42.65	-	-
Indonesia.....	38.43	33.79	38.77	38.43	38.77	-9
<b>Oceania &amp; Australia Total</b> .....	<b>23.55</b>	<b>32.25</b>	<b>31.35</b>	<b>23.55</b>	<b>31.35</b>	<b>-24.9</b>
Australia.....	23.55	32.25	31.35	23.55	31.35	-24.9
<b>Total</b> <sup>1</sup> .....	<b>31.19</b>	<b>32.57</b>	<b>33.54</b>	<b>31.19</b>	<b>33.54</b>	<b>-7.0</b>
<b>U.S. Total</b> <sup>2</sup> .....	<b>30.86</b>	<b>31.38</b>	<b>33.98</b>	<b>30.86</b>	<b>33.98</b>	<b>-9.2</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	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>Eastern Total</b> .....	<b>619,856</b>	<b>682,483</b>	<b>724,193</b>	<b>619,856</b>	<b>724,193</b>	<b>-14.4</b>
Boston, MA.....	322,901	476,073	465,919	322,901	465,919	-30.7
Portland, ME.....	113,924	73,190	34,681	113,924	34,681	228.5
Buffalo, NY.....	1,084	295	1,847	1,084	1,847	-41.3
New York City, NY.....	181,947	101,589	157,392	181,947	157,392	15.6
Ogdensburg, NY.....	-	19	-	-	-	-
Philadelphia, PA.....	-	31,317	64,354	-	64,354	-
<b>Southern Total</b> .....	<b>1,321,498</b>	<b>1,342,360</b>	<b>779,193</b>	<b>1,321,498</b>	<b>779,193</b>	<b>69.6</b>
Mobile, AL.....	500,087	187,208	97,266	500,087	97,266	414.1
Savannah, GA.....	100,196	78,394	76,061	100,196	76,061	31.7
Miami, FL.....	-	-	45,288	-	45,288	-
Tampa, FL.....	476,141	664,240	343,005	476,141	343,005	38.8
New Orleans, LA.....	146,766	301,795	153,601	146,766	153,601	-4.4
San Juan, PR.....	53,132	49,273	57,904	53,132	57,904	-8.2
Houston-Galveston, TX.....	-	-	6,068	-	6,068	-
Laredo, TX.....	15,798	1,270	-	15,798	-	-
Virgin Islands.....	29,378	60,180	-	29,378	-	-
<b>Western Total</b> .....	<b>233,505</b>	<b>180,052</b>	<b>230,465</b>	<b>233,505</b>	<b>230,465</b>	<b>1.3</b>
Los Angeles, CA.....	-	4	-	-	-	-
San Diego, CA.....	-	1	-	-	-	-
Honolulu, HI.....	205,506	152,099	203,334	205,506	203,334	1.1
Great Falls, MT.....	9,370	-	-	9,370	-	-
Seattle, WA.....	18,629	27,948	27,131	18,629	27,131	-31.3
<b>Northern Total</b> .....	<b>73,000</b>	<b>341,959</b>	<b>105,143</b>	<b>73,000</b>	<b>105,143</b>	<b>-30.6</b>
Detroit, MI.....	7,885	185,185	34,814	7,885	34,814	-77.4
Duluth, MN.....	1,518	-	-	1,518	-	-
Pembina, ND.....	62,499	155,877	69,514	62,499	69,514	-10.1
Milwaukee, WI.....	1,098	897	815	1,098	815	34.7
<b>Total</b> .....	<b>2,247,859</b>	<b>2,546,854</b>	<b>1,838,994</b>	<b>2,247,859</b>	<b>1,838,994</b>	<b>22.2</b>

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	January - March 1999	October - December 1998	January - March 1998	Year to date		
				1999	1998	Percent Change
<b>North America Total</b> .....	<b>6,263</b>	<b>20,334</b>	<b>9,904</b>	<b>6,263</b>	<b>9,904</b>	<b>-36.8</b>
Canada.....	6,263	20,334	9,904	6,263	9,904	-36.8
<b>Asia Total</b> .....	<b>774,957</b>	<b>789,982</b>	<b>756,024</b>	<b>774,957</b>	<b>756,024</b>	<b>2.5</b>
China (Mainland).....	305,657	193,127	345,825	305,657	345,825	-11.6
Japan.....	469,300	596,855	410,199	469,300	410,199	14.4
<b>Total</b> <sup>1</sup> .....	<b>781,220</b>	<b>810,316</b>	<b>765,928</b>	<b>781,220</b>	<b>765,928</b>	<b>2.0</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	Total
<b>1993 January - March</b> .....	188,401	7,951	18,095	1,817	216,264
April - June .....	190,085	8,067	18,062	1,354	217,568
July - September .....	191,054	7,426	18,075	1,094	217,649
October - December.....	199,612	7,661	20,127	1,956	229,356
<b>Total</b> .....	<b>769,152</b>	<b>31,104</b>	<b>74,359</b>	<b>6,221</b>	<b>880,836</b>
<b>1994 January - March</b> .....	199,981	7,318	17,990	2,016	227,305
April - June .....	208,576	8,438	18,408	1,187	236,610
July - September .....	212,849	7,881	18,777	1,135	240,642
October - December.....	210,523	8,081	19,717	1,674	239,996
<b>Total</b> .....	<b>831,929</b>	<b>31,719</b>	<b>74,893</b>	<b>6,013</b>	<b>944,553</b>
<b>1995 January - March</b> .....	205,054	8,261	17,871	1,638	232,824
April - June .....	199,275	8,192	17,144	1,032	225,643
July - September .....	211,914	8,135	18,369	1,063	239,481
October - December.....	210,617	8,449	18,510	2,074	239,649
<b>Total</b> .....	<b>826,860</b>	<b>33,036</b>	<b>71,895</b>	<b>5,807</b>	<b>937,597</b>
<b>1996 January - March</b> .....	204,394	7,894	17,444	1,802	231,534
April - June .....	212,197	7,974	16,995	1,201	238,368
July - September .....	226,454	8,187	17,598	1,201	253,440
October - December.....	219,656	7,616	18,804	1,802	247,878
<b>Total</b> .....	<b>862,701</b>	<b>31,672</b>	<b>70,842</b>	<b>6,006</b>	<b>971,220</b>
<b>1997 January - March</b> .....	213,527	7,330	17,352	1,939	240,148
April - June .....	215,223	7,080	17,280	1,293	240,875
July - September .....	225,508	7,694	17,410	1,293	251,904
October - December.....	226,329	7,447	18,692	1,939	254,407
<b>Total</b> .....	<b>880,588</b>	<b>29,550</b>	<b>70,733</b>	<b>6,463</b>	<b>987,334</b>
<b>1998 January - March</b> .....	225,243	6,742	17,213	1,939	251,138
April - June .....	227,432	7,308	18,614	1,201	254,556
July - September .....	240,587	7,305	17,211	1,293	266,395
October - December.....	236,186	6,999	17,855	1,939	262,978
<b>Total</b> .....	<b>929,448</b>	<b>28,354</b>	<b>70,893</b>	<b>6,372</b>	<b>1,035,067</b>
<b>1999 January - March</b> .....	227,012	6,712	16,687	1,939	252,350
<b>Total</b> .....	<b>227,012</b>	<b>6,712</b>	<b>16,687</b>	<b>1,939</b>	<b>252,350</b>

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

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

**Table 21. Average Price of U.S. Coal Receipts by End-Use Sector, 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	32.77
April - June.....	25.92	45.84	31.92
July - September.....	25.66	46.43	32.13
October - December.....	25.09	46.17	32.23
<b>Average Annual Price</b> .....	<b>25.64</b>	<b>46.06</b>	<b>32.26</b>
<b>1999 January - March</b> .....	25.15	46.56	32.00

<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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>510</b>	<b>774</b>	<b>2,027</b>	<b>510</b>	<b>2,027</b>	<b>-74.8</b>
Connecticut .....	37	180	280	37	280	-86.7
Maine .....	6	53	38	6	38	-85.2
Massachusetts .....	106	177	1,309	106	1,309	-91.9
New Hampshire .....	333	335	371	333	371	-10.3
Rhode Island .....	1	1	1	1	1	.0
Vermont .....	28	28	28	28	28	.0
<b>Middle Atlantic Total</b> .....	<b>16,105</b>	<b>18,068</b>	<b>17,417</b>	<b>16,105</b>	<b>17,417</b>	<b>-7.5</b>
New Jersey .....	564	735	415	564	415	35.7
New York .....	2,577	3,392	2,667	2,577	2,667	-3.4
Pennsylvania .....	12,964	13,942	14,335	12,964	14,335	-9.6
<b>East North Central Total</b> .....	<b>54,481</b>	<b>61,030</b>	<b>55,969</b>	<b>54,481</b>	<b>55,969</b>	<b>-2.7</b>
Illinois .....	11,139	12,109	11,668	11,139	11,668	-4.5
Indiana .....	16,894	16,848	17,012	16,894	17,012	-.7
Michigan .....	6,555	10,725	6,688	6,555	6,688	-2.0
Ohio .....	14,320	14,829	14,980	14,320	14,980	-4.4
Wisconsin .....	5,574	6,520	5,621	5,574	5,621	-.8
<b>West North Central Total</b> .....	<b>37,365</b>	<b>39,021</b>	<b>36,538</b>	<b>37,365</b>	<b>36,538</b>	<b>2.3</b>
Iowa .....	5,852	6,657	5,255	5,852	5,255	11.4
Kansas .....	5,097	4,457	4,779	5,097	4,779	6.6
Minnesota .....	4,286	5,253	5,073	4,286	5,073	-15.5
Missouri .....	10,242	10,337	9,832	10,242	9,832	4.2
Nebraska .....	3,092	3,258	3,049	3,092	3,049	1.4
North Dakota .....	8,158	8,551	7,990	8,158	7,990	2.1
South Dakota .....	638	507	560	638	560	13.8
<b>South Atlantic Total</b> .....	<b>44,578</b>	<b>44,445</b>	<b>42,900</b>	<b>44,578</b>	<b>42,900</b>	<b>3.9</b>
Delaware .....	191	435	422	191	422	-54.7
District of Columbia .....	12	12	12	12	12	.0
Florida .....	6,809	7,628	7,073	6,809	7,073	-3.7
Georgia .....	8,727	8,085	7,970	8,727	7,970	9.5
Maryland .....	2,940	2,896	2,997	2,940	2,997	-1.9
North Carolina .....	7,146	7,774	7,549	7,146	7,549	-5.3
South Carolina .....	4,034	3,773	3,620	4,034	3,620	11.4
Virginia .....	3,929	4,075	3,913	3,929	3,913	.4
West Virginia .....	10,789	9,766	9,343	10,789	9,343	15.5
<b>East South Central Total</b> .....	<b>27,043</b>	<b>27,524</b>	<b>29,149</b>	<b>27,043</b>	<b>29,149</b>	<b>-7.2</b>
Alabama .....	7,865	8,960	9,118	7,865	9,118	-13.7
Kentucky .....	9,485	9,582	10,576	9,485	10,576	-10.3
Mississippi .....	1,624	1,244	1,504	1,624	1,504	8.0
Tennessee .....	8,069	7,738	7,951	8,069	7,951	1.5
<b>West South Central Total</b> .....	<b>39,385</b>	<b>37,676</b>	<b>35,050</b>	<b>39,385</b>	<b>35,050</b>	<b>12.4</b>
Arkansas .....	4,407	3,892	3,119	4,407	3,119	41.3
Louisiana .....	3,574	3,589	3,287	3,574	3,287	8.8
Oklahoma .....	5,822	5,022	5,341	5,822	5,341	9.0
Texas .....	25,582	25,173	23,303	25,582	23,303	9.8
<b>Mountain Total</b> .....	<b>29,935</b>	<b>31,305</b>	<b>29,304</b>	<b>29,935</b>	<b>29,304</b>	<b>2.2</b>
Arizona .....	4,853	4,935	4,645	4,853	4,645	4.5
Colorado .....	4,736	4,779	4,622	4,736	4,622	2.5
Idaho .....	108	110	117	108	117	-7.0
Montana .....	2,739	2,816	2,682	2,739	2,682	2.1
Nevada .....	2,311	2,473	2,226	2,311	2,226	3.8
New Mexico .....	4,019	4,250	3,636	4,019	3,636	10.5
Utah .....	4,103	4,252	4,292	4,103	4,292	-4.4
Wyoming .....	7,066	7,688	7,084	7,066	7,084	-.3
<b>Pacific Total</b> .....	<b>2,948</b>	<b>3,135</b>	<b>2,784</b>	<b>2,948</b>	<b>2,784</b>	<b>5.9</b>
Alaska .....	151	151	151	151	151	.0
California .....	788	749	724	788	724	8.9
Hawaii .....	36	38	70	36	70	-48.2
Oregon .....	738	629	692	738	692	6.7
Washington .....	1,234	1,568	1,146	1,234	1,146	7.7
<b>U.S. Total</b> .....	<b>252,350</b>	<b>262,978</b>	<b>251,138</b>	<b>252,350</b>	<b>251,138</b>	<b>.5</b>

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	January-March 1999		January-March 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>456</b>	<b>160</b>	<b>1,940</b>	<b>170</b>	<b>456</b>	<b>160</b>	<b>1,940</b>	<b>170</b>	<b>-76.5</b>	<b>-6.0</b>
Connecticut.....	35	169	278	184	35	169	278	184	-87.4	-7.9
Massachusetts.....	89	174	1,292	169	89	174	1,292	169	-93.1	2.9
New Hampshire.....	331	155	370	162	331	155	370	162	-10.3	-4.2
<b>Mid Atlantic</b> .....	<b>12,437</b>	<b>136</b>	<b>13,497</b>	<b>139</b>	<b>12,437</b>	<b>136</b>	<b>13,497</b>	<b>139</b>	<b>-7.9</b>	<b>-2.1</b>
New Jersey.....	560	149	411	166	560	149	411	166	36.2	-10.3
New York.....	1,979	144	1,985	146	1,979	144	1,985	146	-.3	-1.0
Pennsylvania.....	9,898	134	11,100	137	9,898	134	11,100	137	-10.8	-2.2
<b>East North Central</b> .....	<b>47,371</b>	<b>127</b>	<b>48,930</b>	<b>130</b>	<b>47,371</b>	<b>127</b>	<b>48,930</b>	<b>130</b>	<b>-3.2</b>	<b>-2.5</b>
Illinois.....	9,640	156	9,986	155	9,640	156	9,986	155	-3.5	.3
Indiana.....	14,196	112	14,303	113	14,196	112	14,303	113	-7	-1.4
Michigan.....	5,539	126	6,001	131	5,539	126	6,001	131	-7.7	-3.2
Ohio.....	12,841	132	13,423	137	12,841	132	13,423	137	-4.3	-3.9
Wisconsin.....	5,155	99	5,217	104	5,155	99	5,217	104	-1.2	-4.7
<b>West North Central</b> .....	<b>33,769</b>	<b>87</b>	<b>33,221</b>	<b>89</b>	<b>33,769</b>	<b>87</b>	<b>33,221</b>	<b>89</b>	<b>1.7</b>	<b>-3.2</b>
Iowa.....	5,130	80	4,563	87	5,130	80	4,563	87	12.4	-8.8
Kansas.....	5,074	93	4,746	98	5,074	93	4,746	98	6.9	-5.8
Minnesota.....	3,873	110	4,698	111	3,873	110	4,698	111	-17.6	-1.0
Missouri.....	9,857	93	9,458	92	9,857	93	9,458	92	4.2	1.7
Nebraska.....	2,977	56	2,952	59	2,977	56	2,952	59	.8	-4.5
North Dakota.....	6,334	73	6,342	75	6,334	73	6,342	75	-1	-3.3
South Dakota.....	525	92	462	93	525	92	462	93	13.6	-1.3
<b>South Atlantic</b> .....	<b>40,664</b>	<b>142</b>	<b>38,930</b>	<b>146</b>	<b>40,664</b>	<b>142</b>	<b>38,930</b>	<b>146</b>	<b>4.5</b>	<b>-2.6</b>
Delaware.....	146	154	402	155	146	154	402	155	-63.6	-4
Florida.....	6,478	160	6,740	169	6,478	160	6,740	169	-3.9	-5.4
Georgia.....	8,209	153	7,402	156	8,209	153	7,402	156	10.9	-1.9
Maryland.....	2,721	141	2,791	147	2,721	141	2,791	147	-2.5	-3.8
North Carolina.....	6,546	145	6,928	144	6,546	145	6,928	144	-5.5	.7
South Carolina.....	3,551	145	3,138	145	3,551	145	3,138	145	13.2	-.3
Virginia.....	3,021	136	2,967	139	3,021	136	2,967	139	1.8	-2.1
West Virginia.....	9,991	121	8,562	123	9,991	121	8,562	123	16.7	-1.4
<b>East South Central</b> .....	<b>24,033</b>	<b>126</b>	<b>25,770</b>	<b>126</b>	<b>24,033</b>	<b>126</b>	<b>25,770</b>	<b>126</b>	<b>-6.7</b>	<b>.5</b>
Alabama.....	6,699	160	7,751	158	6,699	160	7,751	158	-13.6	1.0
Kentucky.....	8,654	108	9,628	105	8,654	108	9,628	105	-10.1	2.1
Mississippi.....	1,582	153	1,442	154	1,582	153	1,442	154	9.7	-1.0
Tennessee.....	7,099	113	6,949	113	7,099	113	6,949	113	2.2	*
<b>West South Central</b> .....	<b>37,821</b>	<b>124</b>	<b>33,486</b>	<b>128</b>	<b>37,821</b>	<b>124</b>	<b>33,486</b>	<b>128</b>	<b>12.9</b>	<b>-3.4</b>
Arkansas.....	4,333	149	3,050	149	4,333	149	3,050	149	42.1	.1
Louisiana.....	3,568	139	3,267	142	3,568	139	3,267	142	9.2	-2.4
Oklahoma.....	5,512	91	5,034	92	5,512	91	5,034	92	9.5	-1.3
Texas.....	24,409	125	22,135	132	24,409	125	22,135	132	10.3	-5.4
<b>Mountain</b> .....	<b>28,518</b>	<b>110</b>	<b>27,683</b>	<b>107</b>	<b>28,518</b>	<b>110</b>	<b>27,683</b>	<b>107</b>	<b>3.0</b>	<b>2.5</b>
Arizona.....	4,668	141	4,471	133	4,668	141	4,471	133	4.4	6.4
Colorado.....	4,537	98	4,423	99	4,537	98	4,423	99	2.6	-.7
Montana.....	2,677	69	2,630	67	2,677	69	2,630	67	1.8	3.1
Nevada.....	2,257	134	2,174	131	2,257	134	2,174	131	3.8	2.3
New Mexico.....	4,001	139	3,619	131	4,001	139	3,619	131	10.6	6.1
Utah.....	3,817	107	3,848	113	3,817	107	3,848	113	-.8	-5.1
Wyoming.....	6,561	81	6,519	79	6,561	81	6,519	79	.7	1.5
<b>Pacific</b> .....	<b>1,942</b>	<b>142</b>	<b>1,787</b>	<b>143</b>	<b>1,942</b>	<b>142</b>	<b>1,787</b>	<b>143</b>	<b>8.7</b>	<b>-.2</b>
Oregon.....	738	106	661	109	738	106	661	109	11.6	-2.7
Washington.....	1,204	168	1,126	164	1,204	168	1,126	164	6.9	2.2
<b>U.S. Total</b> .....	<b>227,012</b>	<b>124</b>	<b>225,243</b>	<b>126</b>	<b>227,012</b>	<b>124</b>	<b>225,243</b>	<b>126</b>	<b>.8</b>	<b>-2.0</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	January-March 1999		January-March 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>252</b>	<b>163</b>	<b>1,682</b>	<b>171</b>	<b>252</b>	<b>163</b>	<b>1,682</b>	<b>171</b>	<b>-85.0</b>	<b>-4.5</b>
Connecticut.....	-	-	248	185	-	-	248	185	-	-
Massachusetts.....	48	180	1,173	169	48	180	1,173	169	-95.9	6.8
New Hampshire.....	204	159	261	164	204	159	261	164	-21.7	-2.9
<b>Mid Atlantic</b> .....	<b>10,452</b>	<b>140</b>	<b>11,290</b>	<b>142</b>	<b>10,452</b>	<b>140</b>	<b>11,290</b>	<b>142</b>	<b>-7.4</b>	<b>-1.8</b>
New Jersey.....	493	150	268	171	493	150	268	171	83.9	-12.2
New York.....	1,693	145	1,878	145	1,693	145	1,878	145	-9.8	-1
Pennsylvania.....	8,265	138	9,144	141	8,265	138	9,144	141	-9.6	-1.9
<b>East North Central</b> .....	<b>36,563</b>	<b>131</b>	<b>36,752</b>	<b>136</b>	<b>36,563</b>	<b>131</b>	<b>36,752</b>	<b>136</b>	<b>-.5</b>	<b>-3.5</b>
Illinois.....	8,381	161	8,340	162	8,381	161	8,340	162	.5	-.5
Indiana.....	11,393	113	10,269	118	11,393	113	10,269	118	11.0	-4.1
Michigan.....	4,571	126	4,326	131	4,571	126	4,326	131	5.7	-3.6
Ohio.....	8,508	143	9,586	149	8,508	143	9,586	149	-11.2	-4.3
Wisconsin.....	3,710	97	4,232	99	3,710	97	4,232	99	-12.3	-1.9
<b>West North Central</b> .....	<b>26,412</b>	<b>87</b>	<b>27,945</b>	<b>89</b>	<b>26,412</b>	<b>87</b>	<b>27,945</b>	<b>89</b>	<b>-5.5</b>	<b>-2.2</b>
Iowa.....	3,840	79	3,361	86	3,840	79	3,361	86	14.3	-8.2
Kansas.....	3,898	100	4,691	99	3,898	100	4,691	99	-16.9	1.6
Minnesota.....	3,532	109	4,618	111	3,532	109	4,618	111	-23.5	-1.7
Missouri.....	5,793	93	5,890	88	5,793	93	5,890	88	-1.6	5.4
Nebraska.....	2,490	54	2,582	57	2,490	54	2,582	57	-3.6	-6.1
North Dakota.....	6,333	73	6,342	75	6,333	73	6,342	75	-1	-3.3
South Dakota.....	525	92	462	93	525	92	462	93	13.6	-1.3
<b>South Atlantic</b> .....	<b>30,871</b>	<b>143</b>	<b>27,560</b>	<b>147</b>	<b>30,871</b>	<b>143</b>	<b>27,560</b>	<b>147</b>	<b>12.0</b>	<b>-2.8</b>
Delaware.....	146	154	398	155	146	154	398	155	-63.3	-4
Florida.....	4,708	164	4,430	177	4,708	164	4,430	177	6.3	-7.1
Georgia.....	4,717	157	3,613	162	4,717	157	3,613	162	30.6	-3.6
Maryland.....	2,355	140	1,874	147	2,355	140	1,874	147	25.7	-4.5
North Carolina.....	5,122	147	4,835	148	5,122	147	4,835	148	5.9	-.8
South Carolina.....	3,099	144	2,611	145	3,099	144	2,611	145	18.7	-.6
Virginia.....	2,338	137	2,246	139	2,338	137	2,246	139	4.1	-1.9
West Virginia.....	8,385	123	7,553	125	8,385	123	7,553	125	11.0	-1.3
<b>East South Central</b> .....	<b>20,022</b>	<b>127</b>	<b>18,583</b>	<b>131</b>	<b>20,022</b>	<b>127</b>	<b>18,583</b>	<b>131</b>	<b>7.7</b>	<b>-2.7</b>
Alabama.....	5,651	164	6,519	164	5,651	164	6,519	164	-13.3	.1
Kentucky.....	6,698	106	5,987	106	6,698	106	5,987	106	11.9	.8
Mississippi.....	1,293	153	1,322	156	1,293	153	1,322	156	-2.2	-1.4
Tennessee.....	6,380	112	4,756	111	6,380	112	4,756	111	34.1	.7
<b>West South Central</b> .....	<b>35,236</b>	<b>124</b>	<b>31,409</b>	<b>129</b>	<b>35,236</b>	<b>124</b>	<b>31,409</b>	<b>129</b>	<b>12.2</b>	<b>-3.8</b>
Arkansas.....	3,832	151	2,577	159	3,832	151	2,577	159	48.7	-4.9
Louisiana.....	3,568	139	3,267	142	3,568	139	3,267	142	9.2	-2.4
Oklahoma.....	5,512	91	5,034	92	5,512	91	5,034	92	9.5	-1.3
Texas.....	22,324	125	20,531	133	22,324	125	20,531	133	8.7	-5.5
<b>Mountain</b> .....	<b>27,448</b>	<b>110</b>	<b>25,938</b>	<b>108</b>	<b>27,448</b>	<b>110</b>	<b>25,938</b>	<b>108</b>	<b>5.8</b>	<b>1.5</b>
Arizona.....	4,128	143	3,873	136	4,128	143	3,873	136	6.6	4.8
Colorado.....	4,267	100	4,152	100	4,267	100	4,152	100	2.8	-.5
Montana.....	2,677	69	2,630	67	2,677	69	2,630	67	1.8	3.1
Nevada.....	1,999	138	1,897	132	1,999	138	1,897	132	5.4	4.0
New Mexico.....	4,001	139	3,619	131	4,001	139	3,619	131	10.6	6.1
Utah.....	3,815	107	3,791	113	3,815	107	3,791	113	.6	-5.2
Wyoming.....	6,561	81	5,977	81	6,561	81	5,977	81	9.8	-.5
<b>Pacific</b> .....	<b>854</b>	<b>190</b>	<b>889</b>	<b>177</b>	<b>854</b>	<b>190</b>	<b>889</b>	<b>177</b>	<b>-3.9</b>	<b>7.2</b>
Washington.....	854	190	889	177	854	190	889	177	-3.9	7.2
<b>U.S. Total</b> .....	<b>188,109</b>	<b>125</b>	<b>182,048</b>	<b>128</b>	<b>188,109</b>	<b>125</b>	<b>182,048</b>	<b>128</b>	<b>3.3</b>	<b>-2.3</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	January-March 1999		January-March 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>204</b>	<b>156</b>	<b>258</b>	<b>166</b>	<b>204</b>	<b>156</b>	<b>258</b>	<b>166</b>	<b>-21.0</b>	<b>-6.2</b>
Connecticut .....	35	169	30	170	35	169	30	170	16.7	-5
Massachusetts.....	41	167	119	173	41	167	119	173	-65.2	-3.8
New Hampshire .....	127	148	109	157	127	148	109	157	17.2	-5.4
<b>Mid Atlantic</b> .....	<b>1,985</b>	<b>119</b>	<b>2,207</b>	<b>124</b>	<b>1,985</b>	<b>119</b>	<b>2,207</b>	<b>124</b>	<b>-10.0</b>	<b>-4.0</b>
New Jersey .....	67	140	143	156	67	140	143	156	-53.2	-9.8
New York.....	285	142	107	164	285	142	107	164	167.0	-13.1
Pennsylvania .....	1,633	114	1,957	119	1,633	114	1,957	119	-16.5	-4.5
<b>East North Central</b> .....	<b>10,808</b>	<b>112</b>	<b>12,178</b>	<b>112</b>	<b>10,808</b>	<b>112</b>	<b>12,178</b>	<b>112</b>	<b>-11.2</b>	<b>-1</b>
Illinois .....	1,259	121	1,646	124	1,259	121	1,646	124	-23.5	-2.4
Indiana.....	2,803	108	4,035	103	2,803	108	4,035	103	-30.5	5.3
Michigan .....	968	127	1,675	129	968	127	1,675	129	-42.2	-2.1
Ohio.....	4,333	111	3,837	107	4,333	111	3,837	107	12.9	3.7
Wisconsin.....	1,445	104	985	122	1,445	104	985	122	46.7	-14.6
<b>West North Central</b> .....	<b>7,358</b>	<b>87</b>	<b>5,275</b>	<b>94</b>	<b>7,358</b>	<b>87</b>	<b>5,275</b>	<b>94</b>	<b>39.5</b>	<b>-7.7</b>
Iowa.....	1,290	82	1,202	92	1,290	82	1,202	92	7.3	-10.4
Kansas .....	1,176	67	55	64	1,176	67	55	64	NM	5.9
Minnesota.....	342	120	80	126	342	120	80	126	324.2	-4.3
Missouri.....	4,063	93	3,568	97	4,063	93	3,568	97	13.9	-4.0
Nebraska.....	487	67	370	68	487	67	370	68	31.6	-1.2
North Dakota.....	*	54	-	-	*	54	-	-	-	-
<b>South Atlantic</b> .....	<b>9,793</b>	<b>139</b>	<b>11,370</b>	<b>143</b>	<b>9,793</b>	<b>139</b>	<b>11,370</b>	<b>143</b>	<b>-13.9</b>	<b>-2.5</b>
Delaware .....	-	-	3	150	-	-	3	150	-	-
Florida .....	1,770	150	2,310	155	1,770	150	2,310	155	-23.4	-3.4
Georgia.....	3,491	148	3,790	150	3,491	148	3,790	150	-7.9	-1.0
Maryland.....	366	146	917	146	366	146	917	146	-60.1	-1
North Carolina .....	1,424	138	2,093	134	1,424	138	2,093	134	-32.0	2.7
South Carolina .....	452	151	527	148	452	151	527	148	-14.2	2.1
Virginia .....	684	134	721	138	684	134	721	138	-5.2	-3.0
West Virginia.....	1,606	109	1,009	107	1,606	109	1,009	107	59.2	1.7
<b>East South Central</b> .....	<b>4,011</b>	<b>123</b>	<b>7,187</b>	<b>113</b>	<b>4,011</b>	<b>123</b>	<b>7,187</b>	<b>113</b>	<b>-44.2</b>	<b>8.3</b>
Alabama .....	1,048	138	1,233	129	1,048	138	1,233	129	-15.0	7.3
Kentucky .....	1,956	111	3,641	105	1,956	111	3,641	105	-46.3	6.0
Mississippi.....	289	150	120	138	289	150	120	138	140.6	8.4
Tennessee.....	718	119	2,193	116	718	119	2,193	116	-67.2	2.5
<b>West South Central</b> .....	<b>2,586</b>	<b>124</b>	<b>2,077</b>	<b>120</b>	<b>2,586</b>	<b>124</b>	<b>2,077</b>	<b>120</b>	<b>24.5</b>	<b>3.0</b>
Arkansas.....	500	131	473	92	500	131	473	92	5.8	41.6
Texas.....	2,085	122	1,604	128	2,085	122	1,604	128	30.0	-4.7
<b>Mountain</b> .....	<b>1,070</b>	<b>109</b>	<b>1,745</b>	<b>92</b>	<b>1,070</b>	<b>109</b>	<b>1,745</b>	<b>92</b>	<b>-38.7</b>	<b>18.7</b>
Arizona.....	540	128	599	107	540	128	599	107	-9.8	19.8
Colorado.....	270	74	271	80	270	74	271	80	-4	-6.7
Nevada.....	258	106	277	122	258	106	277	122	-6.8	-13.0
Utah.....	2	50	57	98	2	50	57	98	-96.5	-49.1
Wyoming.....	-	-	542	63	-	-	542	63	-	-
<b>Pacific</b> .....	<b>1,088</b>	<b>111</b>	<b>898</b>	<b>112</b>	<b>1,088</b>	<b>111</b>	<b>898</b>	<b>112</b>	<b>21.2</b>	<b>-1.2</b>
Oregon.....	738	106	661	109	738	106	661	109	11.6	-2.7
Washington .....	350	122	237	122	350	122	237	122	47.8	.2
<b>U.S. Total</b> .....	<b>38,903</b>	<b>118</b>	<b>43,195</b>	<b>120</b>	<b>38,903</b>	<b>118</b>	<b>43,195</b>	<b>120</b>	<b>-9.9</b>	<b>-1.5</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	January-March 1999	October-December 1998	January-March 1998	Year to Date		
				1999	1998	Percent Change
<b>New England</b> .....	<b>\$42.19</b>	<b>\$44.47</b>	<b>\$43.44</b>	<b>\$42.19</b>	<b>\$43.44</b>	<b>-2.9</b>
Connecticut .....	45.85	47.20	48.28	45.85	48.28	-5.0
Massachusetts.....	45.21	45.12	42.66	45.21	42.66	6.0
New Hampshire .....	40.99	42.70	42.55	40.99	42.55	-3.7
<b>Mid Atlantic</b> .....	<b>34.18</b>	<b>33.95</b>	<b>34.64</b>	<b>34.18</b>	<b>34.64</b>	<b>-1.4</b>
New Jersey .....	38.62	40.93	43.62	38.62	43.62	-11.5
New York.....	37.53	37.11	38.30	37.53	38.30	-2.0
Pennsylvania .....	33.25	32.73	33.66	33.25	33.66	-1.2
<b>East North Central</b> .....	<b>26.74</b>	<b>26.92</b>	<b>27.59</b>	<b>26.74</b>	<b>27.59</b>	<b>-3.1</b>
Illinois .....	30.12	27.34	30.35	30.12	30.35	-8
Indiana.....	23.70	23.81	23.77	23.70	23.77	-3
Michigan .....	26.83	28.29	28.61	26.83	28.61	-6.2
Ohio.....	31.20	32.27	32.58	31.20	32.58	-4.2
Wisconsin.....	17.58	19.52	18.82	17.58	18.82	-6.6
<b>West North Central</b> .....	<b>14.43</b>	<b>14.49</b>	<b>14.95</b>	<b>14.43</b>	<b>14.95</b>	<b>-3.5</b>
Iowa.....	13.54	14.32	15.03	13.54	15.03	-9.9
Kansas .....	15.94	17.02	17.16	15.94	17.16	-7.1
Minnesota.....	19.56	17.63	19.67	19.56	19.67	-6
Missouri.....	16.61	16.33	16.36	16.61	16.36	1.5
Nebraska.....	9.51	10.11	10.06	9.51	10.06	-5.4
North Dakota.....	9.58	10.01	9.81	9.58	9.81	-2.3
South Dakota.....	16.09	16.21	16.25	16.09	16.25	-1.0
<b>South Atlantic</b> .....	<b>34.93</b>	<b>35.33</b>	<b>35.73</b>	<b>34.93</b>	<b>35.73</b>	<b>-2.3</b>
Delaware .....	39.88	40.06	40.05	39.88	40.05	-4
Florida .....	39.19	38.95	41.15	39.19	41.15	-4.8
Georgia.....	35.77	36.22	36.41	35.77	36.41	-1.8
Maryland .....	36.45	37.92	37.61	36.45	37.61	-3.1
North Carolina .....	36.05	35.47	35.41	36.05	35.41	1.8
South Carolina .....	36.90	37.08	37.06	36.90	37.06	-4
Virginia .....	34.42	34.52	34.94	34.42	34.94	-1.5
West Virginia.....	29.69	30.14	30.11	29.69	30.11	-1.4
<b>East South Central</b> .....	<b>28.93</b>	<b>29.39</b>	<b>29.05</b>	<b>28.93</b>	<b>29.05</b>	<b>-4</b>
Alabama .....	36.21	36.06	36.45	36.21	36.45	-7
Kentucky .....	24.75	24.84	24.35	24.75	24.35	1.7
Mississippi.....	33.07	34.56	31.95	33.07	31.95	3.5
Tennessee.....	26.23	26.78	26.71	26.23	26.71	-1.8
<b>West South Central</b> .....	<b>19.59</b>	<b>18.52</b>	<b>20.15</b>	<b>19.59</b>	<b>20.15</b>	<b>-2.8</b>
Arkansas.....	25.84	23.72	25.80	25.84	25.80	.2
Louisiana.....	22.60	23.10	23.08	22.60	23.08	-2.1
Oklahoma .....	15.74	15.23	16.04	15.74	16.04	-1.9
Texas .....	18.90	17.67	19.88	18.90	19.88	-4.9
<b>Mountain</b> .....	<b>21.30</b>	<b>20.35</b>	<b>20.84</b>	<b>21.30</b>	<b>20.84</b>	<b>2.2</b>
Arizona.....	28.82	26.97	27.05	28.82	27.05	6.5
Colorado.....	19.34	19.00	19.53	19.34	19.53	-1.0
Montana.....	11.70	11.75	11.39	11.70	11.39	2.7
Nevada.....	30.07	27.18	29.23	30.07	29.23	2.9
New Mexico.....	24.94	22.26	23.68	24.94	23.68	5.3
Utah.....	24.36	24.18	25.66	24.36	25.66	-5.1
Wyoming.....	14.21	14.65	14.07	14.21	14.07	1.0
<b>Pacific</b> .....	<b>24.72</b>	<b>22.81</b>	<b>24.00</b>	<b>24.72</b>	<b>24.00</b>	<b>3.0</b>
Oregon.....	19.78	18.58	19.15	19.78	19.15	3.3
Washington .....	27.74	24.54	26.85	27.74	26.85	3.3
<b>U.S. Total</b> .....	<b>25.15</b>	<b>25.09</b>	<b>25.90</b>	<b>25.15</b>	<b>25.90</b>	<b>-2.9</b>

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-March 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 .....	2,003	216	1,524	153	43	142	3,570	188	0.85	-10.4	0.2	-7.7
Arizona .....	2,861	134	-	-	-	-	2,861	134	.47	-8.0	14.0	-3.6
Colorado .....	5,758	124	106	89	-	-	5,864	123	.42	13.2	2.4	1.5
Illinois .....	11	160	3,662	140	4,936	127	8,608	132	1.90	-2	-2.4	-6.7
Indiana .....	441	136	2,101	119	5,222	101	7,763	108	2.06	-4.2	-3.1	.8
Kansas .....	-	-	-	-	103	101	103	101	3.64	6.6	-3.2	-3.6
Kentucky .....	4,150	149	16,647	140	6,363	108	27,160	134	1.26	-10.3	.1	-6.7
Louisiana .....	-	-	611	131	-	-	611	131	1.37	-21.7	-7.1	-16.9
Maryland .....	-	-	703	110	5	117	708	110	1.46	-29.7	-9.9	6.3
Missouri .....	-	-	-	-	62	125	62	125	3.15	90.3	4.4	18.1
Montana .....	2,834	131	4,474	88	-	-	7,308	106	.64	-4.6	-2.2	-6.8
New Mexico .....	1,952	148	5,001	138	-	-	6,953	141	.75	11.8	2.2	1.1
North Dakota .....	-	-	6,222	73	111	54	6,333	73	1.16	-.1	-3.3	1.2
Ohio .....	-	-	210	113	4,778	134	4,988	133	2.96	-15.9	-4.5	-2.9
Oklahoma .....	-	-	-	-	59	111	59	111	2.91	120.3	-2.7	6.9
Pennsylvania .....	352	152	8,901	131	3,709	120	12,962	129	1.52	-7.6	-2.3	5.0
Tennessee .....	19	115	611	128	-	-	630	127	1.03	-4.0	.5	2.1
Texas .....	-	-	5,807	109	5,645	97	11,452	103	1.57	4.7	-3.0	-7.7
Utah .....	4,696	108	266	126	-	-	4,962	109	.43	-4.1	-9.5	4.0
Virginia .....	1,740	153	2,870	139	105	125	4,714	144	.76	18.6	-1.2	-.6
Washington .....	-	-	854	190	-	-	854	190	1.09	-4.0	7.2	45.9
West Virginia .....	8,678	144	11,232	132	6,563	132	26,473	136	1.20	-2.3	-3.4	-4.3
Wyoming .....	77,166	110	3,536	124	-	-	80,702	110	.39	9.6	-1.1	-.4
<b>Imported.....</b>	<b>1,186</b>	<b>152</b>	<b>123</b>	<b>143</b>	<b>-</b>	<b>-</b>	<b>1,309</b>	<b>152</b>	<b>.51</b>	<b>-7.7</b>	<b>-5.1</b>	<b>.5</b>
<b>Total.....</b>	<b>113,846</b>	<b>122</b>	<b>75,460</b>	<b>129</b>	<b>37,706</b>	<b>118</b>	<b>227,012</b>	<b>124</b>	<b>1.00</b>	<b>.8</b>	<b>-2.0</b>	<b>-6.1</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 28. Destination of Coal Received at Electric Utility Plants by Origin, January-March 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>6,699</b>	<b>7,751</b>	<b>84.4</b>	<b>84.1</b>	<b>0.96</b>	<b>1.01</b>	<b>160</b>	<b>158</b>
Alabama.....	3,534	3,948	86.7	94.3	.84	.92	189	188
Colorado.....	30	179	-	100.0	.35	.43	112	115
Illinois.....	397	232	24.5	22.4	1.68	1.30	142	135
Indiana.....	-	23	-	-	-	3.21	-	109
Kentucky.....	796	1,179	91.3	59.1	1.82	1.62	116	122
Tennessee.....	105	192	100.0	100.0	.72	.69	138	136
Virginia.....	52	-	-	-	.65	-	138	-
West Virginia.....	130	617	10.5	49.7	2.70	1.58	113	132
Wyoming.....	1,643	1,381	100.0	99.0	.37	.30	119	117
Imported coal Colombia.....	11	-	-	-	.42	-	143	-
<b>Arizona</b> .....	<b>4,668</b>	<b>4,471</b>	<b>88.4</b>	<b>86.6</b>	<b>.55</b>	<b>.54</b>	<b>141</b>	<b>133</b>
Arizona.....	1,650	1,873	100.0	100.0	.48	.50	135	116
Colorado.....	66	-	-	-	.41	-	190	-
Montana.....	24	-	-	-	.43	-	122	-
New Mexico.....	2,892	2,473	85.7	80.8	.60	.58	144	148
Wyoming.....	36	125	-	-	.35	.33	111	114
<b>Arkansas</b> .....	<b>4,333</b>	<b>3,050</b>	<b>88.4</b>	<b>84.5</b>	<b>.30</b>	<b>.41</b>	<b>149</b>	<b>149</b>
Wyoming.....	4,333	3,050	88.4	84.5	.30	.41	149	149
<b>Colorado</b> .....	<b>4,537</b>	<b>4,423</b>	<b>94.1</b>	<b>93.9</b>	<b>.40</b>	<b>.38</b>	<b>98</b>	<b>99</b>
Colorado.....	2,676	2,750	94.6	92.7	.43	.41	105	105
Wyoming.....	1,861	1,672	93.2	95.7	.36	.32	86	87
<b>Connecticut</b> .....	<b>35</b>	<b>278</b>	<b>-</b>	<b>89.2</b>	<b>.45</b>	<b>.40</b>	<b>169</b>	<b>184</b>
Kentucky.....	-	229	-	93.4	-	.39	-	184
West Virginia.....	-	49	-	69.4	-	.46	-	181
Imported coal Venezuela.....	35	-	-	-	.45	-	169	-
<b>Delaware</b> .....	<b>146</b>	<b>402</b>	<b>100.0</b>	<b>99.2</b>	<b>.80</b>	<b>.80</b>	<b>154</b>	<b>155</b>
Kentucky.....	-	21	-	100.0	-	.53	-	173
Maryland.....	-	7	-	100.0	-	1.17	-	146
Pennsylvania.....	64	184	100.0	98.2	1.08	1.05	144	143
Virginia.....	12	28	100.0	100.0	.55	.61	180	172
West Virginia.....	70	162	100.0	100.0	.58	.57	159	164
<b>Florida</b> .....	<b>6,478</b>	<b>6,740</b>	<b>72.7</b>	<b>65.7</b>	<b>1.28</b>	<b>1.31</b>	<b>160</b>	<b>169</b>
Alabama.....	36	36	-	-	1.91	1.60	133	183
Illinois.....	2,133	1,643	86.7	82.9	1.73	1.90	150	175
Indiana.....	-	30	-	100.0	-	2.79	-	125
Kentucky.....	2,949	3,454	63.9	63.5	1.21	1.20	166	169
Virginia.....	225	212	99.0	95.8	.59	.67	205	207
West Virginia.....	400	563	68.2	37.2	1.12	1.43	164	165
Wyoming.....	72	252	-	-	.25	.46	124	138
Imported coal Australia.....	63	-	-	-	.58	-	124	-
Imported coal Colombia.....	406	359	100.0	100.0	.56	.55	147	149
Imported coal Indonesia.....	-	74	-	100.0	-	.40	-	163
Imported coal Venezuela.....	195	115	37.6	-	.47	.56	166	163
<b>Georgia</b> .....	<b>8,209</b>	<b>7,402</b>	<b>57.5</b>	<b>48.8</b>	<b>.68</b>	<b>.70</b>	<b>153</b>	<b>156</b>
Illinois.....	300	224	100.0	100.0	.72	1.35	149	138
Kentucky.....	3,721	3,330	65.9	55.5	.78	.80	147	151
Virginia.....	1,092	952	76.5	62.6	.70	.66	153	152
West Virginia.....	1,231	1,233	91.7	76.7	.61	.60	177	185
Wyoming.....	1,758	1,584	-	-	.41	.41	151	151
Imported coal Venezuela.....	107	79	-	-	.61	.52	143	152
<b>Illinois</b> .....	<b>9,640</b>	<b>9,986</b>	<b>86.9</b>	<b>83.5</b>	<b>1.14</b>	<b>1.14</b>	<b>156</b>	<b>155</b>
Colorado.....	366	413	94.6	72.0	.44	.43	139	138
Illinois.....	3,315	3,440	93.1	86.5	2.29	2.39	126	128
Indiana.....	207	553	78.3	56.8	1.28	.76	154	147
Kentucky.....	19	-	100.0	-	2.52	-	113	-
Montana.....	418	324	100.0	100.0	.41	.34	187	232
Utah.....	164	272	100.0	84.6	.45	.30	138	204
Wyoming.....	5,151	4,984	81.2	84.2	.37	.33	179	173
<b>Indiana</b> .....	<b>14,196</b>	<b>14,303</b>	<b>80.3</b>	<b>71.8</b>	<b>1.49</b>	<b>1.55</b>	<b>112</b>	<b>113</b>
Illinois.....	1,020	1,212	68.6	73.7	2.28	2.17	115	119
Indiana.....	7,069	6,958	76.7	66.7	2.04	2.10	107	109
Kentucky.....	592	344	47.7	57.8	.93	1.29	122	124
Ohio.....	159	334	-	-	4.24	3.28	109	109
Pennsylvania.....	128	162	100.0	100.0	1.60	1.72	114	107
Virginia.....	328	211	74.7	100.0	.50	.54	155	161
West Virginia.....	591	591	61.5	57.4	1.06	.89	126	121
Wyoming.....	4,309	4,490	98.7	85.1	.33	.34	111	114

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-March 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>Iowa</b> .....	<b>5,130</b>	<b>4,563</b>	<b>74.9</b>	<b>73.7</b>	<b>0.43</b>	<b>0.44</b>	<b>80</b>	<b>87</b>
Colorado.....	76	143	100.0	100.0	.43	.42	133	133
Illinois.....	20	11	-	-	.72	1.57	160	137
Indiana.....	-	16	-	100.0	-	1.28	-	125
Kentucky.....	-	3	-	-	-	1.98	-	135
Montana.....	33	28	-	-	.37	.28	143	129
Ohio.....	*	-	-	-	3.31	-	140	-
Pennsylvania.....	*	-	-	-	1.05	-	158	-
West Virginia.....	*	1	-	-	1.06	2.08	161	164
Wyoming.....	4,999	4,360	75.3	73.4	.43	.43	78	85
<b>Kansas</b> .....	<b>5,074</b>	<b>4,746</b>	<b>76.8</b>	<b>98.8</b>	<b>.51</b>	<b>.50</b>	<b>93</b>	<b>98</b>
Colorado.....	-	325	-	100.0	-	.43	-	127
Kansas.....	101	97	-	100.0	3.65	3.77	101	104
Missouri.....	-	4	-	100.0	-	3.24	-	129
Montana.....	543	-	100.0	-	.38	-	89	-
Oklahoma.....	21	19	100.0	100.0	2.65	2.76	120	119
Wyoming.....	4,409	4,301	75.6	98.7	.42	.40	93	95
<b>Kentucky</b> .....	<b>8,654</b>	<b>9,628</b>	<b>77.4</b>	<b>62.2</b>	<b>1.88</b>	<b>2.13</b>	<b>108</b>	<b>105</b>
Colorado.....	778	580	100.0	100.0	.41	.40	131	127
Illinois.....	91	60	-	-	2.10	2.10	102	101
Indiana.....	437	500	100.0	93.5	2.99	2.77	99	96
Kentucky.....	5,147	6,622	77.4	55.6	2.32	2.39	104	103
Ohio.....	16	159	100.0	76.2	3.50	3.55	94	94
Pennsylvania.....	98	43	11.0	78.6	1.40	1.72	114	110
West Virginia.....	1,771	1,570	72.5	69.0	1.24	1.52	111	111
Wyoming.....	315	94	60.0	23.9	.31	.32	104	94
<b>Louisiana</b> .....	<b>3,568</b>	<b>3,267</b>	<b>100.0</b>	<b>100.0</b>	<b>.72</b>	<b>.77</b>	<b>139</b>	<b>142</b>
Louisiana.....	611	780	100.0	100.0	1.37	1.65	131	141
Texas.....	-	28	-	100.0	-	2.48	-	133
Wyoming.....	2,957	2,459	100.0	100.0	.61	.53	140	143
<b>Maryland</b> .....	<b>2,721</b>	<b>2,791</b>	<b>86.6</b>	<b>67.1</b>	<b>.92</b>	<b>.91</b>	<b>141</b>	<b>147</b>
Kentucky.....	101	115	100.0	100.0	.54	.59	141	146
Maryland.....	14	177	100.0	89.2	1.01	1.14	163	179
Pennsylvania.....	929	845	69.0	14.7	1.25	1.12	146	149
West Virginia.....	1,678	1,654	95.4	89.3	.76	.80	138	142
<b>Massachusetts</b> .....	<b>89</b>	<b>1,292</b>	<b>53.6</b>	<b>90.8</b>	<b>.60</b>	<b>.57</b>	<b>174</b>	<b>169</b>
Kentucky.....	38	196	63.2	100.0	.45	.59	175	181
Pennsylvania.....	16	49	100.0	100.0	.76	1.13	175	161
West Virginia.....	36	598	23.1	80.1	.68	.57	174	171
Imported coal Colombia.....	-	228	-	100.0	-	.51	-	171
Imported coal Venezuela.....	-	220	-	100.0	-	.51	-	155
<b>Michigan</b> .....	<b>5,539</b>	<b>6,001</b>	<b>82.5</b>	<b>72.1</b>	<b>.62</b>	<b>.71</b>	<b>126</b>	<b>131</b>
Colorado.....	71	37	100.0	100.0	.45	.50	137	135
Kentucky.....	711	1,058	65.4	60.0	.63	.67	154	150
Montana.....	366	419	100.0	98.1	.39	.45	144	149
Ohio.....	27	36	62.9	6.8	2.38	2.71	154	156
Pennsylvania.....	697	796	93.0	87.2	1.09	1.15	128	124
West Virginia.....	1,018	1,313	63.0	52.8	.83	.93	144	152
Wyoming.....	2,648	2,342	89.2	79.1	.32	.36	102	99
<b>Minnesota</b> .....	<b>3,873</b>	<b>4,698</b>	<b>91.2</b>	<b>98.3</b>	<b>.48</b>	<b>.50</b>	<b>110</b>	<b>111</b>
Illinois.....	-	3	-	100.0	-	1.45	-	159
Indiana.....	11	5	99.1	-	.76	1.03	160	151
Montana.....	1,946	2,461	90.1	97.0	.67	.69	113	111
Wyoming.....	1,916	2,229	92.3	100.0	.28	.28	107	111
<b>Mississippi</b> .....	<b>1,582</b>	<b>1,442</b>	<b>81.7</b>	<b>91.7</b>	<b>.66</b>	<b>.76</b>	<b>153</b>	<b>154</b>
Colorado.....	68	-	-	-	.40	-	159	-
Illinois.....	370	362	93.9	100.0	1.16	1.42	141	145
Kentucky.....	259	173	98.3	91.1	.68	.79	185	200
Montana.....	558	802	100.0	100.0	.39	.41	147	149
Wyoming.....	132	91	100.0	-	.48	.46	135	133
Imported coal Colombia.....	179	-	-	-	.39	-	150	-
Imported coal Venezuela.....	16	14	-	-	.62	.58	142	154
<b>Missouri</b> .....	<b>9,857</b>	<b>9,458</b>	<b>58.8</b>	<b>62.3</b>	<b>.36</b>	<b>.42</b>	<b>93</b>	<b>92</b>
Illinois.....	308	511	72.1	28.4	1.39	1.73	143	131
Kansas.....	2	-	-	-	3.21	-	124	-
Kentucky.....	5	15	100.0	-	.95	2.83	201	169
Missouri.....	62	29	100.0	100.0	3.15	2.59	125	119
Oklahoma.....	5	-	100.0	-	2.71	-	129	-
Wyoming.....	9,474	8,903	58.0	64.2	.29	.31	91	88

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-March 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>Montana</b> .....	<b>2,677</b>	<b>2,630</b>	<b>100.0</b>	<b>100.0</b>	<b>0.82</b>	<b>0.89</b>	<b>69</b>	<b>67</b>
Montana.....	2,499	2,630	100.0	100.0	.86	.89	71	67
Wyoming.....	178	-	100.0	-	.28	-	53	-
<b>Nebraska</b> .....	<b>2,977</b>	<b>2,952</b>	<b>83.7</b>	<b>87.5</b>	<b>.34</b>	<b>.32</b>	<b>56</b>	<b>59</b>
Wyoming.....	2,977	2,952	83.7	87.5	.34	.32	56	59
<b>Nevada</b> .....	<b>2,257</b>	<b>2,174</b>	<b>88.6</b>	<b>87.3</b>	<b>.44</b>	<b>.42</b>	<b>134</b>	<b>131</b>
Arizona.....	1,211	1,236	100.0	100.0	.45	.46	132	119
Colorado.....	-	20	-	100.0	-	.41	-	196
Utah.....	1,046	918	75.3	69.8	.42	.37	137	145
<b>New Hampshire</b> .....	<b>331</b>	<b>370</b>	<b>61.6</b>	<b>70.6</b>	<b>1.02</b>	<b>1.07</b>	<b>155</b>	<b>162</b>
Kentucky.....	10	-	100.0	-	1.90	-	160	-
Pennsylvania.....	170	187	92.1	100.0	1.18	1.10	159	165
West Virginia.....	38	74	100.0	100.0	1.69	1.86	154	160
Imported coal Colombia.....	-	35	-	-	-	.49	-	173
Imported coal Venezuela.....	114	74	-	-	.49	.50	147	149
<b>New Jersey</b> .....	<b>560</b>	<b>411</b>	<b>88.0</b>	<b>65.2</b>	<b>.84</b>	<b>.87</b>	<b>149</b>	<b>166</b>
Kentucky.....	61	27	100.0	-	.61	.66	147	165
Pennsylvania.....	-	*	-	100.0	-	.61	-	192
Virginia.....	89	174	100.0	97.1	.52	.55	140	160
West Virginia.....	409	171	83.6	57.6	.95	1.36	151	175
Imported coal Venezuela.....	1	39	100.0	-	.61	.52	193	155
<b>New Mexico</b> .....	<b>4,001</b>	<b>3,619</b>	<b>100.0</b>	<b>100.0</b>	<b>.88</b>	<b>.88</b>	<b>139</b>	<b>131</b>
New Mexico.....	4,001	3,619	100.0	100.0	.88	.88	139	131
<b>New York</b> .....	<b>1,979</b>	<b>1,985</b>	<b>85.6</b>	<b>94.6</b>	<b>1.38</b>	<b>1.23</b>	<b>144</b>	<b>146</b>
Kentucky.....	242	248	96.3	75.4	.46	.51	182	183
Pennsylvania.....	869	554	88.6	95.4	1.39	1.19	139	140
West Virginia.....	686	1,026	84.4	98.0	1.92	1.54	134	137
Imported coal Colombia.....	-	35	-	100.0	-	.47	-	170
Imported coal Venezuela.....	182	123	61.8	100.0	.50	.44	161	170
<b>North Carolina</b> .....	<b>6,546</b>	<b>6,928</b>	<b>78.2</b>	<b>69.8</b>	<b>.70</b>	<b>.74</b>	<b>145</b>	<b>144</b>
Kentucky.....	3,361	3,946	83.4	59.9	.75	.79	144	140
Virginia.....	201	109	29.8	.2	.66	.78	142	134
West Virginia.....	2,983	2,873	75.7	86.0	.64	.66	146	149
<b>North Dakota</b> .....	<b>6,334</b>	<b>6,342</b>	<b>100.0</b>	<b>100.0</b>	<b>1.16</b>	<b>1.15</b>	<b>73</b>	<b>75</b>
North Dakota.....	6,333	6,342	100.0	100.0	1.16	1.15	73	75
Wyoming.....	*	-	-	-	.90	-	54	-
<b>Ohio</b> .....	<b>12,841</b>	<b>13,423</b>	<b>66.3</b>	<b>71.4</b>	<b>1.61</b>	<b>1.75</b>	<b>132</b>	<b>137</b>
Illinois.....	-	2	-	-	-	.73	-	132
Kentucky.....	2,343	1,729	62.6	54.3	.71	.78	122	124
Ohio.....	4,456	5,089	84.8	81.0	2.90	3.03	137	145
Pennsylvania.....	1,057	1,282	20.5	62.7	1.59	1.41	114	121
Virginia.....	149	149	100.0	100.0	.54	.56	133	126
West Virginia.....	4,369	4,743	66.3	73.5	.96	.99	138	140
Wyoming.....	467	429	-	20.4	.32	.35	121	118
<b>Oklahoma</b> .....	<b>5,512</b>	<b>5,034</b>	<b>100.0</b>	<b>100.0</b>	<b>.36</b>	<b>.32</b>	<b>91</b>	<b>92</b>
Oklahoma.....	33	8	100.0	100.0	3.10	2.66	104	105
Wyoming.....	5,479	5,026	100.0	100.0	.33	.31	91	92
<b>Oregon</b> .....	<b>738</b>	<b>661</b>	-	-	<b>.41</b>	<b>.35</b>	<b>106</b>	<b>109</b>
Colorado.....	6	-	-	-	.43	-	75	-
Utah.....	194	-	-	-	.47	-	103	-
Wyoming.....	538	661	-	-	.37	.35	108	109
<b>Pennsylvania</b> .....	<b>9,898</b>	<b>11,100</b>	<b>83.5</b>	<b>82.4</b>	<b>1.72</b>	<b>1.78</b>	<b>134</b>	<b>137</b>
Maryland.....	-	6	-	-	-	.88	-	129
Ohio.....	22	22	100.0	100.0	2.54	3.04	173	172
Pennsylvania.....	7,734	8,671	80.9	78.3	1.63	1.57	130	131
West Virginia.....	2,143	2,402	92.6	97.0	2.06	2.54	148	157
<b>South Carolina</b> .....	<b>3,551</b>	<b>3,138</b>	<b>87.3</b>	<b>83.2</b>	<b>.93</b>	<b>.91</b>	<b>145</b>	<b>145</b>
Kentucky.....	3,068	2,729	85.5	80.7	.91	.90	144	144
Tennessee.....	102	91	100.0	100.0	1.17	1.09	153	151
Virginia.....	313	239	100.0	100.0	1.01	.99	151	150
West Virginia.....	68	78	88.3	100.0	.85	.75	154	162
<b>South Dakota</b> .....	<b>525</b>	<b>462</b>	<b>100.0</b>	<b>100.0</b>	<b>.78</b>	<b>.71</b>	<b>92</b>	<b>93</b>
Montana.....	525	462	100.0	100.0	.78	.71	92	93
<b>Tennessee</b> .....	<b>7,099</b>	<b>6,949</b>	<b>89.9</b>	<b>68.4</b>	<b>1.38</b>	<b>1.62</b>	<b>113</b>	<b>113</b>
Colorado.....	725	64	100.0	100.0	.41	.43	119	114
Illinois.....	615	874	74.4	37.8	1.56	1.78	107	111
Kentucky.....	3,050	4,104	87.2	71.3	1.93	1.91	113	113
Pennsylvania.....	301	172	100.0	91.5	1.84	1.78	108	111
Tennessee.....	424	374	99.7	100.0	1.07	1.15	119	116

See footnotes at end of table.

**Table 28. Destination of Coal Received at Electric Utility Plants by Origin, January-March 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>Tennessee</b>								
Utah .....	338	426	100.0	40.4	0.45	0.48	125	124
Virginia.....	570	372	70.3	92.7	1.26	1.29	130	130
West Virginia .....	-	12	-	-	-	.60	-	123
Wyoming .....	1,076	550	100.0	70.3	.39	.43	94	91
<b>Texas</b> .....	<b>24,409</b>	<b>22,135</b>	<b>91.5</b>	<b>92.8</b>	<b>.87</b>	<b>.95</b>	<b>125</b>	<b>132</b>
Colorado .....	342	376	91.9	78.4	.38	.34	143	141
Texas.....	11,452	10,908	100.0	100.0	1.57	1.70	103	106
Wyoming .....	12,614	10,827	83.7	86.2	.42	.43	139	152
Imported coal Colombia .....	-	24	-	-	-	.28	-	201
<b>Utah</b> .....	<b>3,817</b>	<b>3,848</b>	<b>99.9</b>	<b>98.5</b>	<b>.42</b>	<b>.42</b>	<b>107</b>	<b>113</b>
Colorado .....	597	292	100.0	96.9	.40	.44	167	188
Utah .....	3,220	3,555	99.9	98.7	.42	.42	98	108
<b>Virginia</b> .....	<b>3,021</b>	<b>2,967</b>	<b>77.4</b>	<b>75.7</b>	<b>.79</b>	<b>.79</b>	<b>136</b>	<b>139</b>
Kentucky.....	677	759	76.6	61.4	.98	.93	140	143
Pennsylvania.....	8	-	-	-	1.16	-	148	-
Virginia.....	1,683	1,528	81.7	80.1	.71	.77	132	135
West Virginia .....	653	681	67.8	81.7	.76	.69	142	144
<b>Washington</b> .....	<b>1,204</b>	<b>1,126</b>	<b>70.9</b>	<b>79.0</b>	<b>.85</b>	<b>.67</b>	<b>168</b>	<b>164</b>
Montana.....	350	236	-	-	.38	.41	122	121
Washington.....	854	890	100.0	99.9	1.09	.75	190	177
<b>West Virginia</b> .....	<b>9,991</b>	<b>8,562</b>	<b>83.9</b>	<b>88.2</b>	<b>1.56</b>	<b>1.57</b>	<b>121</b>	<b>123</b>
Maryland.....	694	817	96.2	94.7	1.47	1.43	109	108
Ohio .....	307	293	100.0	100.0	3.18	2.92	89	88
Pennsylvania.....	791	763	86.7	87.0	1.33	1.24	107	127
West Virginia .....	8,198	6,689	82.0	87.1	1.52	1.57	124	125
<b>Wisconsin</b> .....	<b>5,155</b>	<b>5,217</b>	<b>72.0</b>	<b>81.1</b>	<b>.41</b>	<b>.47</b>	<b>99</b>	<b>104</b>
Colorado .....	63	-	88.0	-	.41	-	127	-
Illinois.....	38	56	-	-	.85	.77	134	139
Indiana .....	38	19	-	-	1.27	1.18	149	139
Kentucky.....	11	13	-	-	.71	.66	189	194
Montana.....	45	298	25.4	100.0	.35	.76	123	107
New Mexico.....	60	127	100.0	100.0	.49	.49	155	151
Pennsylvania.....	102	322	100.0	11.1	1.29	1.18	146	145
Wyoming .....	4,799	4,382	72.5	86.1	.36	.35	95	96
<b>Wyoming</b> .....	<b>6,561</b>	<b>6,519</b>	<b>100.0</b>	<b>91.7</b>	<b>.58</b>	<b>.60</b>	<b>81</b>	<b>79</b>
Wyoming .....	6,561	6,519	100.0	91.7	.58	.60	81	79
<b>U.S. Total</b> .....	<b>227,012</b>	<b>225,243</b>	<b>82.9</b>	<b>80.8</b>	<b>1.00</b>	<b>1.07</b>	<b>124</b>	<b>126</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-March 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>3,570</b>	<b>3,984</b>	<b>85.8</b>	<b>93.5</b>	<b>0.85</b>	<b>0.93</b>	<b>188</b>	<b>188</b>
Alabama.....	3,534	3,948	86.7	94.3	.84	.92	189	188
Florida.....	36	36	-	-	1.91	1.60	133	183
<b>Arizona</b> .....	<b>2,861</b>	<b>3,109</b>	<b>100.0</b>	<b>100.0</b>	<b>.47</b>	<b>.48</b>	<b>134</b>	<b>117</b>
Arizona.....	1,650	1,873	100.0	100.0	.48	.50	135	116
Nevada.....	1,211	1,236	100.0	100.0	.45	.46	132	119
<b>Colorado</b> .....	<b>5,864</b>	<b>5,180</b>	<b>93.7</b>	<b>92.2</b>	<b>.42</b>	<b>.41</b>	<b>123</b>	<b>121</b>
Alabama.....	30	179	-	100.0	.35	.43	112	115
Arizona.....	66	-	-	-	.41	-	190	-
Colorado.....	2,676	2,750	94.6	92.7	.43	.41	105	105
Illinois.....	366	413	94.6	72.0	.44	.43	139	138
Iowa.....	76	143	100.0	100.0	.43	.42	133	133
Kansas.....	-	325	-	100.0	-	.43	-	127
Kentucky.....	778	580	100.0	100.0	.41	.40	131	127
Michigan.....	71	37	100.0	100.0	.45	.50	137	135
Mississippi.....	68	-	-	-	.40	-	159	-
Nevada.....	-	20	-	100.0	-	.41	-	196
Oregon.....	6	-	-	-	.43	-	75	-
Tennessee.....	725	64	100.0	100.0	.41	.43	119	114
Texas.....	342	376	91.9	78.4	.38	.34	143	141
Utah.....	597	292	100.0	96.9	.40	.44	167	188
Wisconsin.....	63	-	88.0	-	.41	-	127	-
<b>Illinois</b> .....	<b>8,608</b>	<b>8,630</b>	<b>82.0</b>	<b>73.6</b>	<b>1.90</b>	<b>2.04</b>	<b>132</b>	<b>136</b>
Alabama.....	397	232	24.5	22.4	1.68	1.30	142	135
Florida.....	2,133	1,643	86.7	82.9	1.73	1.90	150	175
Georgia.....	300	224	100.0	100.0	.72	1.35	149	138
Illinois.....	3,315	3,440	93.1	86.5	2.29	2.39	126	128
Indiana.....	1,020	1,212	68.6	73.7	2.28	2.17	115	119
Iowa.....	20	11	-	-	.72	1.57	160	137
Kentucky.....	91	60	-	-	2.10	2.10	102	101
Minnesota.....	-	3	-	100.0	-	1.45	-	159
Mississippi.....	370	362	93.9	100.0	1.16	1.42	141	145
Missouri.....	308	511	72.1	28.4	1.39	1.73	143	131
Ohio.....	-	2	-	-	-	.73	-	132
Tennessee.....	615	874	74.4	37.8	1.56	1.78	107	111
Wisconsin.....	38	56	-	-	.85	.77	134	139
<b>Indiana</b> .....	<b>7,763</b>	<b>8,105</b>	<b>77.7</b>	<b>67.5</b>	<b>2.06</b>	<b>2.05</b>	<b>108</b>	<b>111</b>
Alabama.....	-	23	-	-	-	3.21	-	109
Florida.....	-	30	-	100.0	-	2.79	-	125
Illinois.....	207	553	78.3	56.8	1.28	.76	154	147
Indiana.....	7,069	6,958	76.7	66.7	2.04	2.10	107	109
Iowa.....	-	16	-	100.0	-	1.28	-	125
Kentucky.....	437	500	100.0	93.5	2.99	2.77	99	96
Minnesota.....	11	5	99.1	-	.76	1.03	160	151
Wisconsin.....	38	19	-	-	1.27	1.18	149	139
<b>Kansas</b> .....	<b>103</b>	<b>97</b>	<b>-</b>	<b>100.0</b>	<b>3.64</b>	<b>3.77</b>	<b>101</b>	<b>104</b>
Kansas.....	101	97	-	100.0	3.65	3.77	101	104
Missouri.....	2	-	-	-	3.21	-	124	-
<b>Kentucky</b> .....	<b>27,160</b>	<b>30,294</b>	<b>75.7</b>	<b>62.8</b>	<b>1.26</b>	<b>1.36</b>	<b>134</b>	<b>134</b>
Alabama.....	796	1,179	91.3	59.1	1.82	1.62	116	122
Connecticut.....	-	229	-	93.4	-	.39	-	184
Delaware.....	-	21	-	100.0	-	.53	-	173
Florida.....	2,949	3,454	63.9	63.5	1.21	1.20	166	169
Georgia.....	3,721	3,330	65.9	55.5	.78	.80	147	151
Illinois.....	19	-	100.0	-	2.52	-	113	-
Indiana.....	592	344	47.7	57.8	.93	1.29	122	124
Iowa.....	-	3	-	-	-	1.98	-	135
Kentucky.....	5,147	6,622	77.4	55.6	2.32	2.39	104	103
Maryland.....	101	115	100.0	100.0	.54	.59	141	146
Massachusetts.....	38	196	63.2	100.0	.45	.59	175	181
Michigan.....	711	1,058	65.4	60.0	.63	.67	154	150
Mississippi.....	259	173	98.3	91.1	.68	.79	185	200
Missouri.....	5	15	100.0	-	.95	2.83	201	169
New Hampshire.....	10	-	100.0	-	1.90	-	160	-
New Jersey.....	61	27	100.0	-	.61	.66	147	165
New York.....	242	248	96.3	75.4	.46	.51	182	183
North Carolina.....	3,361	3,946	83.4	59.9	.75	.79	144	140
Ohio.....	2,343	1,729	62.6	54.3	.71	.78	122	124
South Carolina.....	3,068	2,729	85.5	80.7	.91	.90	144	144

See footnotes at end of table.

**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-March 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>								
Tennessee.....	3,050	4,104	87.2	71.3	1.93	1.91	113	113
Virginia.....	677	759	76.6	61.4	.98	.93	140	143
Wisconsin.....	11	13	-	-	.71	.66	189	194
<b>Louisiana</b> .....	<b>611</b>	<b>780</b>	<b>100.0</b>	<b>100.0</b>	<b>1.37</b>	<b>1.65</b>	<b>131</b>	<b>141</b>
Louisiana.....	611	780	100.0	100.0	1.37	1.65	131	141
<b>Maryland</b> .....	<b>708</b>	<b>1,007</b>	<b>96.3</b>	<b>93.2</b>	<b>1.46</b>	<b>1.37</b>	<b>110</b>	<b>122</b>
Delaware.....	-	7	-	100.0	-	1.17	-	146
Maryland.....	14	177	100.0	89.2	1.01	1.14	163	179
Pennsylvania.....	-	6	-	-	-	.88	-	129
West Virginia.....	694	817	96.2	94.7	1.47	1.43	109	108
<b>Missouri</b> .....	<b>62</b>	<b>33</b>	<b>100.0</b>	<b>100.0</b>	<b>3.15</b>	<b>2.67</b>	<b>125</b>	<b>120</b>
Kansas.....	-	4	-	100.0	-	3.24	-	129
Missouri.....	62	29	100.0	100.0	3.15	2.59	125	119
<b>Montana</b> .....	<b>7,308</b>	<b>7,659</b>	<b>91.3</b>	<b>95.5</b>	<b>.64</b>	<b>.69</b>	<b>106</b>	<b>108</b>
Arizona.....	24	-	-	-	.43	-	122	-
Illinois.....	418	324	100.0	100.0	.41	.34	187	232
Iowa.....	33	28	-	-	.37	.28	143	129
Kansas.....	543	-	100.0	-	.38	-	89	-
Michigan.....	366	419	100.0	98.1	.39	.45	144	149
Minnesota.....	1,946	2,461	90.1	97.0	.67	.69	113	111
Mississippi.....	558	802	100.0	100.0	.39	.41	147	149
Montana.....	2,499	2,630	100.0	100.0	.86	.89	71	67
South Dakota.....	525	462	100.0	100.0	.78	.71	92	93
Washington.....	350	236	-	-	.38	.41	122	121
Wisconsin.....	45	298	25.4	100.0	.35	.76	123	107
<b>New Mexico</b> .....	<b>6,953</b>	<b>6,220</b>	<b>94.1</b>	<b>92.4</b>	<b>.75</b>	<b>.74</b>	<b>141</b>	<b>138</b>
Arizona.....	2,892	2,473	85.7	80.8	.60	.58	144	148
New Mexico.....	4,001	3,619	100.0	100.0	.88	.88	139	131
Wisconsin.....	60	127	100.0	100.0	.49	.49	155	151
<b>North Dakota</b> .....	<b>6,333</b>	<b>6,342</b>	<b>100.0</b>	<b>100.0</b>	<b>1.16</b>	<b>1.15</b>	<b>73</b>	<b>75</b>
North Dakota.....	6,333	6,342	100.0	100.0	1.16	1.15	73	75
<b>Ohio</b> .....	<b>4,988</b>	<b>5,933</b>	<b>83.0</b>	<b>76.9</b>	<b>2.96</b>	<b>3.05</b>	<b>133</b>	<b>139</b>
Indiana.....	159	334	-	-	4.24	3.28	109	109
Iowa.....	*	-	-	-	3.31	-	140	-
Kentucky.....	16	159	100.0	76.2	3.50	3.55	94	94
Michigan.....	27	36	62.9	6.8	2.38	2.71	154	156
Ohio.....	4,456	5,089	84.8	81.0	2.90	3.03	137	145
Pennsylvania.....	22	22	100.0	100.0	2.54	3.04	173	172
West Virginia.....	307	293	100.0	100.0	3.18	2.92	89	88
<b>Oklahoma</b> .....	<b>59</b>	<b>27</b>	<b>100.0</b>	<b>100.0</b>	<b>2.91</b>	<b>2.73</b>	<b>111</b>	<b>115</b>
Kansas.....	21	19	100.0	100.0	2.65	2.76	120	119
Missouri.....	5	-	100.0	-	2.71	-	129	-
Oklahoma.....	33	8	100.0	100.0	3.10	2.66	104	105
<b>Pennsylvania</b> .....	<b>12,962</b>	<b>14,032</b>	<b>77.1</b>	<b>74.2</b>	<b>1.52</b>	<b>1.45</b>	<b>129</b>	<b>132</b>
Delaware.....	64	184	100.0	98.2	1.08	1.05	144	143
Indiana.....	128	162	100.0	100.0	1.60	1.72	114	107
Iowa.....	*	-	-	-	1.05	-	158	-
Kentucky.....	98	43	11.0	78.6	1.40	1.72	114	110
Maryland.....	929	845	69.0	14.7	1.25	1.12	146	149
Massachusetts.....	16	49	100.0	100.0	.76	1.13	175	161
Michigan.....	697	796	93.0	87.2	1.09	1.15	128	124
New Hampshire.....	170	187	92.1	100.0	1.18	1.10	159	165
New Jersey.....	-	*	-	100.0	-	.61	-	192
New York.....	869	554	88.6	95.4	1.39	1.19	139	140
Ohio.....	1,057	1,282	20.5	62.7	1.59	1.41	114	121
Pennsylvania.....	7,734	8,671	80.9	78.3	1.63	1.57	130	131
Tennessee.....	301	172	100.0	91.5	1.84	1.78	108	111
Virginia.....	8	-	-	-	1.16	-	148	-
West Virginia.....	791	763	86.7	87.0	1.33	1.24	107	127
Wisconsin.....	102	322	100.0	11.1	1.29	1.18	146	145
<b>Tennessee</b> .....	<b>630</b>	<b>657</b>	<b>99.8</b>	<b>100.0</b>	<b>1.03</b>	<b>1.01</b>	<b>127</b>	<b>127</b>
Alabama.....	105	192	100.0	100.0	.72	.69	138	136
South Carolina.....	102	91	100.0	100.0	1.17	1.09	153	151
Tennessee.....	424	374	99.7	100.0	1.07	1.15	119	116
<b>Texas</b> .....	<b>11,452</b>	<b>10,936</b>	<b>100.0</b>	<b>100.0</b>	<b>1.57</b>	<b>1.70</b>	<b>103</b>	<b>106</b>
Louisiana.....	-	28	-	100.0	-	2.48	-	133
Texas.....	11,452	10,908	100.0	100.0	1.57	1.70	103	106

See footnotes at end of table.

**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-March 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>Utah</b> .....	<b>4,962</b>	<b>5,171</b>	<b>90.9</b>	<b>88.0</b>	<b>0.43</b>	<b>0.41</b>	<b>109</b>	<b>121</b>
Illinois.....	164	272	100.0	84.6	.45	.30	138	204
Nevada.....	1,046	918	75.3	69.8	.42	.37	137	145
Oregon.....	194	—	—	—	.47	—	103	—
Tennessee.....	338	426	100.0	40.4	.45	.48	125	124
Utah.....	3,220	3,555	99.9	98.7	.42	.42	98	108
<b>Virginia</b> .....	<b>4,714</b>	<b>3,976</b>	<b>78.5</b>	<b>79.6</b>	<b>.76</b>	<b>.77</b>	<b>144</b>	<b>146</b>
Alabama.....	52	—	—	—	.65	—	138	—
Delaware.....	12	28	100.0	100.0	.55	.61	180	172
Florida.....	225	212	99.0	95.8	.59	.67	205	207
Georgia.....	1,092	952	76.5	62.6	.70	.66	153	152
Indiana.....	328	211	74.7	100.0	.50	.54	155	161
New Jersey.....	89	174	100.0	97.1	.52	.55	140	160
North Carolina.....	201	109	29.8	.2	.66	.78	142	134
Ohio.....	149	149	100.0	100.0	.54	.56	133	126
South Carolina.....	313	239	100.0	100.0	1.01	.99	151	150
Tennessee.....	570	372	70.3	92.7	1.26	1.29	130	130
Virginia.....	1,683	1,528	81.7	80.1	.71	.77	132	135
<b>Washington</b> .....	<b>854</b>	<b>890</b>	<b>100.0</b>	<b>99.9</b>	<b>1.09</b>	<b>.75</b>	<b>190</b>	<b>177</b>
Washington.....	854	890	100.0	99.9	1.09	.75	190	177
<b>West Virginia</b> .....	<b>26,473</b>	<b>27,101</b>	<b>78.2</b>	<b>79.9</b>	<b>1.20</b>	<b>1.26</b>	<b>136</b>	<b>141</b>
Alabama.....	130	617	10.5	49.7	2.70	1.58	113	132
Connecticut.....	—	49	—	69.4	—	.46	—	181
Delaware.....	70	162	100.0	100.0	.58	.57	159	164
Florida.....	400	563	68.2	37.2	1.12	1.43	164	165
Georgia.....	1,231	1,233	91.7	76.7	.61	.60	177	185
Indiana.....	591	591	61.5	57.4	1.06	.89	126	121
Iowa.....	*	1	—	—	1.06	2.08	161	164
Kentucky.....	1,771	1,570	72.5	69.0	1.24	1.52	111	111
Maryland.....	1,678	1,654	95.4	89.3	.76	.80	138	142
Massachusetts.....	36	598	23.1	80.1	.68	.57	174	171
Michigan.....	1,018	1,313	63.0	52.8	.83	.93	144	152
New Hampshire.....	38	74	100.0	100.0	1.69	1.86	154	160
New Jersey.....	409	171	83.6	57.6	.95	1.36	151	175
New York.....	686	1,026	84.4	98.0	1.92	1.54	134	137
North Carolina.....	2,983	2,873	75.7	86.0	.64	.66	146	149
Ohio.....	4,369	4,743	66.3	73.5	.96	.99	138	140
Pennsylvania.....	2,143	2,402	92.6	97.0	2.06	2.54	148	157
South Carolina.....	68	78	88.3	100.0	.85	.75	154	162
Tennessee.....	—	12	—	—	—	.60	—	123
Virginia.....	653	681	67.8	81.7	.76	.69	142	144
West Virginia.....	8,198	6,689	82.0	87.1	1.52	1.57	124	125
<b>Wyoming</b> .....	<b>80,702</b>	<b>73,664</b>	<b>81.1</b>	<b>82.1</b>	<b>.39</b>	<b>.39</b>	<b>110</b>	<b>112</b>
Alabama.....	1,643	1,381	100.0	99.0	.37	.30	119	117
Arizona.....	36	125	—	—	.35	.33	111	114
Arkansas.....	4,333	3,050	88.4	84.5	.30	.41	149	149
Colorado.....	1,861	1,672	93.2	95.7	.36	.32	86	87
Florida.....	72	252	—	—	.25	.46	124	138
Georgia.....	1,758	1,584	—	—	.41	.41	151	151
Illinois.....	5,151	4,984	81.2	84.2	.37	.33	179	173
Indiana.....	4,309	4,490	98.7	85.1	.33	.34	111	114
Iowa.....	4,999	4,360	75.3	73.4	.43	.43	78	85
Kansas.....	4,409	4,301	75.6	98.7	.42	.40	93	95
Kentucky.....	315	94	60.0	23.9	.31	.32	104	94
Louisiana.....	2,957	2,459	100.0	100.0	.61	.53	140	143
Michigan.....	2,648	2,342	89.2	79.1	.32	.36	102	99
Minnesota.....	1,916	2,229	92.3	100.0	.28	.28	107	111
Mississippi.....	132	91	100.0	—	.48	.46	135	133
Missouri.....	9,474	8,903	58.0	64.2	.29	.31	91	88
Montana.....	178	—	100.0	—	.28	—	53	—
Nebraska.....	2,977	2,952	83.7	87.5	.34	.32	56	59
North Dakota.....	*	—	—	—	.90	—	54	—
Ohio.....	467	429	—	20.4	.32	.35	121	118
Oklahoma.....	5,479	5,026	100.0	100.0	.33	.31	91	92
Oregon.....	538	661	—	—	.37	.35	108	109
Tennessee.....	1,076	550	100.0	70.3	.39	.43	94	91
Texas.....	12,614	10,827	83.7	86.2	.42	.43	139	152
Wisconsin.....	4,799	4,382	72.5	86.1	.36	.35	95	96
Wyoming.....	6,561	6,519	100.0	91.7	.58	.60	81	79

See footnotes at end of table.



**Table 29. Origin of Coal Received at Electric Utility Plants by Destination, January-March 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>Imported Coal</b> .....	<b>1,309</b>	<b>1,418</b>	<b>45.3</b>	<b>73.2</b>	<b>0.51</b>	<b>0.51</b>	<b>152</b>	<b>160</b>
<b>Australia</b> .....	<b>63</b>	—	—	—	<b>.58</b>	—	<b>124</b>	—
Florida.....	63	—	—	—	.58	—	124	—
<b>Colombia</b> .....	<b>596</b>	<b>681</b>	<b>68.1</b>	<b>91.4</b>	<b>.50</b>	<b>.52</b>	<b>148</b>	<b>161</b>
Alabama.....	11	—	—	—	.42	—	143	—
Florida.....	406	359	100.0	100.0	.56	.55	147	149
Massachusetts.....	—	228	—	100.0	—	.51	—	171
Mississippi.....	179	—	—	—	.39	—	150	—
New Hampshire.....	—	35	—	—	—	.49	—	173
New York.....	—	35	—	100.0	—	.47	—	170
Texas.....	—	24	—	—	—	.28	—	201
<b>Venezuela</b> .....	<b>650</b>	<b>664</b>	<b>28.8</b>	<b>51.6</b>	<b>.51</b>	<b>.51</b>	<b>157</b>	<b>158</b>
Connecticut.....	35	—	—	—	.45	—	169	—
Florida.....	195	115	37.6	—	.47	.56	166	163
Georgia.....	107	79	—	—	.61	.52	143	152
Massachusetts.....	—	220	—	100.0	—	.51	—	155
Mississippi.....	16	14	—	—	.62	.58	142	154
New Hampshire.....	114	74	—	—	.49	.50	147	149
New Jersey.....	1	39	100.0	—	.61	.52	193	155
New York.....	182	123	61.8	100.0	.50	.44	161	170
<b>Indonesia</b> .....	—	<b>74</b>	—	<b>100.0</b>	—	<b>.40</b>	—	<b>163</b>
Florida.....	—	74	—	100.0	—	.40	—	163
<b>U.S. Total</b> .....	<b>227,012</b>	<b>225,243</b>	<b>82.9</b>	<b>80.8</b>	<b>1.00</b>	<b>1.07</b>	<b>124</b>	<b>126</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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	1,934	2,027	2,117	1,934	2,117	-8.6
<b>East North Central Total</b> .....	3,185	3,160	2,791	3,185	2,791	14.1
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	833	917	981	833	981	-15.1
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>6,712</b>	<b>6,999</b>	<b>6,742</b>	<b>6,712</b>	<b>6,742</b>	<b>-5</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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	\$44.63	\$45.01	\$44.07	\$44.63	\$44.07	1.3
<b>East North Central Total</b> .....	48.77	48.19	47.80	48.77	47.80	2.0
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	\$46.85	\$46.22	\$46.62	\$46.85	\$46.62	.5
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>\$46.56</b>	<b>\$46.17</b>	<b>\$45.79</b>	<b>\$46.56</b>	<b>\$45.79</b>	<b>1.7</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	January - March 1999	October - December 1998	January - March 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	27	27	27	0.0
<b>Middle Atlantic Total</b> .....	<b>1,283</b>	<b>1,445</b>	<b>1,352</b>	<b>1,283</b>	<b>1,352</b>	<b>-5.2</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	1,045	1,056	1,064	1,045	1,064	-1.8
<b>East North Central Total</b> .....	<b>3,514</b>	<b>4,085</b>	<b>3,838</b>	<b>3,514</b>	<b>3,838</b>	<b>-8.4</b>
Illinois.....	880	970	1,027	880	1,027	-14.4
Indiana.....	997	1,015	1,145	997	1,145	-12.9
Michigan.....	291	724	290	291	290	.4
Ohio.....	976	898	1,020	976	1,020	-4.3
Wisconsin.....	370	477	355	370	355	4.3
<b>West North Central Total</b> .....	<b>3,294</b>	<b>3,599</b>	<b>3,016</b>	<b>3,294</b>	<b>3,016</b>	<b>9.2</b>
Iowa.....	611	672	581	611	581	5.2
Kansas.....	22	25	32	22	32	-31.7
Minnesota.....	381	566	343	381	343	11.0
Missouri.....	306	305	294	306	294	4.0
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	112	123	98	112	98	14.7
<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.....	331	303	333	331	333	-6
Georgia.....	514	469	562	514	562	-8.7
Maryland.....	202	213	190	202	190	6.4
North Carolina.....	542	504	563	542	563	-3.8
South Carolina.....	483	515	482	483	482	.2
Virginia.....	601	569	642	601	642	-6.4
West Virginia.....	376	432	413	376	413	-8.9
<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.....	599	688	710	599	710	-15.6
Kentucky.....	439	419	497	439	497	-11.6
Mississippi.....	w	w	w	w	w	w
Tennessee.....	931	875	963	931	963	-3.4
<b>West South Central Total</b> .....	<b>1,477</b>	<b>1,439</b>	<b>1,476</b>	<b>1,477</b>	<b>1,476</b>	<b>*</b>
Arkansas.....	75	79	70	75	70	7.4
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,173	1,206	1,167	1,173	1,167	.5
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona.....	185	192	174	185	174	6.4
Colorado.....	179	193	180	179	180	-6
Idaho.....	99	101	108	99	108	-7.6
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	132	228	139	132	139	-5.7
Wyoming.....	463	506	523	463	523	-11.6
<b>Pacific Total</b> .....	<b>816</b>	<b>778</b>	<b>807</b>	<b>816</b>	<b>807</b>	<b>1.1</b>
Alaska.....	w	w	w	w	w	w
California.....	756	716	692	756	692	9.3
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>16,687</b>	<b>17,855</b>	<b>17,213</b>	<b>16,687</b>	<b>17,213</b>	<b>-3.1</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-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	January - March 1999	October - December 1998	January - March 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>\$34.66</b>	<b>\$35.25</b>	<b>\$35.27</b>	<b>\$34.66</b>	<b>\$35.27</b>	<b>-1.7</b>
New Jersey .....	w	w	w	w	w	w
New York .....	w	w	w	w	w	w
Pennsylvania .....	\$33.54	\$32.87	\$33.98	\$33.54	\$33.98	-1.3
<b>East North Central Total</b> .....	<b>33.22</b>	<b>34.32</b>	<b>32.80</b>	<b>33.22</b>	<b>32.80</b>	<b>1.3</b>
Illinois .....	29.48	29.85	29.19	29.48	29.19	1.0
Indiana .....	30.12	30.77	30.12	30.12	30.12	*
Michigan .....	42.43	40.97	42.30	42.43	42.30	.3
Ohio .....	34.58	34.82	34.19	34.58	34.19	1.1
Wisconsin .....	40.21	40.16	40.73	40.21	40.73	-1.3
<b>West North Central Total</b> .....	<b>18.09</b>	<b>18.47</b>	<b>18.45</b>	<b>18.09</b>	<b>18.45</b>	<b>-1.9</b>
Iowa .....	26.15	27.34	24.99	26.15	24.99	4.6
Kansas .....	32.01	32.17	30.77	32.01	30.77	4.0
Minnesota .....	34.39	28.02	34.84	34.39	34.84	-1.3
Missouri .....	30.43	30.31	31.97	30.43	31.97	-4.8
Nebraska .....	w	w	w	w	w	w
North Dakota .....	w	w	w	w	w	w
South Dakota .....	\$28.50	\$25.00	\$24.99	\$28.50	\$24.99	14.1
<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 .....	\$43.31	\$44.48	\$44.69	\$43.31	\$44.69	-3.1
Georgia .....	44.34	44.48	44.42	44.34	44.42	-2
Maryland .....	32.06	31.99	32.70	32.06	32.70	-2.0
North Carolina .....	42.02	42.66	43.46	42.02	43.46	-3.3
South Carolina .....	43.83	43.80	44.71	43.83	44.71	-2.0
Virginia .....	42.94	42.87	44.01	42.94	44.01	-2.4
West Virginia .....	48.84	48.94	46.37	48.84	46.37	5.3
<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 .....	\$39.71	\$39.34	\$40.59	\$39.71	\$40.59	-2.2
Kentucky .....	43.28	43.45	43.75	43.28	43.75	-1.1
Mississippi .....	w	w	w	w	w	w
Tennessee .....	\$36.11	\$36.25	\$37.27	\$36.11	\$37.27	-3.1
<b>West South Central Total</b> .....	<b>23.88</b>	<b>23.78</b>	<b>22.53</b>	<b>23.88</b>	<b>22.53</b>	<b>6.0</b>
Arkansas .....	42.25	42.05	41.34	42.25	41.34	2.2
Louisiana .....	w	w	w	w	w	w
Oklahoma .....	w	w	w	w	w	w
Texas .....	\$22.53	\$21.66	\$20.41	\$22.53	\$20.41	10.4
<b>Mountain Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Arizona .....	\$40.24	\$38.28	\$38.18	\$40.24	\$38.18	5.4
Colorado .....	24.37	24.46	25.04	24.37	25.04	-2.7
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 .....	\$24.80	\$18.99	\$20.04	\$24.80	\$20.04	23.8
Wyoming .....	24.16	24.13	24.25	24.16	24.25	-4
<b>Pacific Total</b> .....	<b>41.01</b>	<b>42.68</b>	<b>46.07</b>	<b>41.01</b>	<b>46.07</b>	<b>-11.0</b>
Alaska .....	w	w	w	w	w	w
California .....	\$39.54	\$40.61	\$42.86	\$39.54	\$42.86	-7.7
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>\$32.00</b>	<b>\$32.23</b>	<b>\$32.77</b>	<b>\$32.00</b>	<b>\$32.77</b>	<b>-2.3</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. 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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
311 Food Manufacturing.....	2,032	2,095	2,088	2,032	2,088	-2.7
312 Beverage and Tobacco Product Mfg.....	136	132	140	136	140	-3.1
313 Textile Mills.....	230	252	263	230	263	-12.6
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.....	3,092	3,227	3,262	3,092	3,262	-5.2
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w	w	w
325 Chemicals Manufacturing.....	2,970	3,055	3,164	2,970	3,164	-6.1
326 Plastics and Rubber Products Mfg.....	43	44	51	43	51	-16.5
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w	w	w
331 Primary Metal Manufacturing <sup>2</sup> .....	w	w	w	w	w	w
332 Fabricated Metal Product Mfg.....	83	72	81	83	81	2.5
333 Machinery Manufacturing.....	63	86	91	63	91	-30.2
334 Computer and Electronic Product Mfg.....	w	w	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	243	183	242	243	242	.4
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>15,483</b>	<b>16,659</b>	<b>16,010</b>	<b>15,483</b>	<b>16,010</b>	<b>-3.3</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	January - March 1999	October - December 1998	January - March 1998	Percent Difference January - March: 1999 versus 1998
311 Food Manufacturing.....	\$29.23	\$29.64	\$29.58	-1.2
312 Beverage and Tobacco Product Mfg.....	43.21	44.53	46.27	-6.6
313 Textile Mills.....	46.38	47.62	47.53	-2.4
315 Apparel Manufacturing.....	w	w	w	w
316 Leather and Allied Product Mfg.....	-	-	-	-
321 Wood Product Manufacturing.....	w	w	w	w
322 Paper Manufacturing.....	\$38.90	\$39.93	\$39.57	-1.7
323 Printing and Related Support.....	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w
325 Chemicals Manufacturing.....	\$35.61	\$35.28	\$35.85	-.7
326 Plastics and Rubber Products Mfg.....	30.65	31.35	32.71	-6.3
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w
331 Primary Metal Manufacturing <sup>2</sup> .....	w	w	w	w
332 Fabricated Metal Product Mfg.....	\$46.36	\$46.08	\$47.14	-1.7
333 Machinery Manufacturing.....	40.09	37.14	39.07	2.6
334 Computer and Electronic Product Mfg.....	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w
336 Transportation Equipment Mfg.....	\$40.75	\$40.00	\$41.66	-2.2
337 Furniture and Related Product Mfg.....	w	w	w	w
339 Miscellaneous Manufacturing.....	w	w	w	w
<b>U.S. Total.....</b>	<b>\$32.00</b>	<b>\$32.23</b>	<b>\$32.77</b>	<b>-2.3</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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>0.0</b>
Connecticut .....	2	2	2	2	2	.0
Maine .....	w	w	w	w	w	w
Massachusetts .....	w	w	w	w	w	w
New Hampshire .....	2	2	2	2	2	.0
Rhode Island .....	1	1	1	1	1	.0
Vermont .....	1	1	1	1	1	.0
<b>Middle Atlantic Total</b> .....	<b>451</b>	<b>451</b>	<b>451</b>	<b>451</b>	<b>451</b>	<b>.0</b>
New Jersey.....	w	w	w	w	w	w
New York .....	w	w	w	w	w	w
Pennsylvania .....	373	373	373	373	373	.0
<b>East North Central Total</b> .....	<b>411</b>	<b>411</b>	<b>411</b>	<b>411</b>	<b>411</b>	<b>.0</b>
Illinois .....	89	89	89	89	89	.0
Indiana.....	119	119	119	119	119	.0
Michigan .....	57	57	57	57	57	.0
Ohio.....	99	99	99	99	99	.0
Wisconsin.....	49	49	49	49	49	.0
<b>West North Central Total</b> .....	<b>302</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>.0</b>
Iowa.....	112	112	112	112	112	.0
Kansas .....	1	1	1	1	1	.0
Minnesota.....	32	32	32	32	32	.0
Missouri .....	80	80	80	80	80	.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>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>*</b>
Delaware .....	w	w	w	w	w	w
District of Columbia.....	12	12	12	12	12	.0
Florida .....	*	-	-	*	-	-
Georgia.....	5	5	5	5	5	.0
Maryland.....	16	16	16	16	16	.0
North Carolina .....	58	58	58	58	58	.0
South Carolina .....	*	*	*	*	*	.0
Virginia.....	55	55	55	55	55	.0
West Virginia.....	32	32	32	32	32	.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.....	22	22	22	22	22	.0
Kentucky.....	106	106	106	106	106	.0
Mississippi .....	w	w	w	w	w	w
Tennessee.....	39	39	39	39	39	.0
<b>West South Central Total</b> .....	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>.0</b>
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas .....	*	*	*	*	*	.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.....	19	19	19	19	19	.0
Idaho .....	9	9	9	9	9	.0
Montana .....	w	w	w	w	w	w
Nevada .....	w	w	w	w	w	w
New Mexico .....	w	w	w	w	w	w
Utah.....	37	37	37	37	37	.0
Wyoming.....	42	42	42	42	42	.0
<b>Pacific Total</b> .....	<b>190</b>	<b>190</b>	<b>190</b>	<b>190</b>	<b>190</b>	<b>.0</b>
Alaska .....	w	w	w	w	w	w
California .....	33	33	33	33	33	.0
Hawaii .....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington.....	6	6	6	6	6	.0
<b>U.S. Total</b> .....	<b>1,939</b>	<b>1,939</b>	<b>1,939</b>	<b>1,939</b>	<b>1,939</b>	<b>*</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	—	229,165
April - June .....	187,746	7,886	17,834	1,354	—	214,820
July - September .....	223,142	7,960	17,675	1,094	—	249,872
October - December .....	202,335	7,694	20,102	1,956	—	232,087
<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	—	237,596
April - June .....	196,254	7,965	17,739	1,187	—	223,145
July - September .....	218,616	7,945	18,123	1,135	—	245,820
October - December .....	194,484	8,077	19,405	1,674	—	223,640
<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	—	227,695
April - June .....	191,107	8,291	17,066	1,032	—	217,496
July - September .....	232,033	8,330	17,990	1,063	—	259,415
October - December .....	207,085	8,251	18,864	2,074	—	236,274
<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	—	243,360
April - June .....	203,210	7,965	16,888	1,201	—	229,264
July - September .....	233,609	8,016	16,831	1,201	—	259,657
October - December .....	222,875	7,767	18,610	1,802	—	251,053
<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	—	246,633
April - June .....	207,661	7,410	17,099	1,293	—	233,463
July - September .....	243,691	7,700	16,781	1,293	—	269,464
October - December .....	230,256	7,503	18,368	1,939	—	258,065
<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	18,192	1,939	—	247,299
April - June .....	218,356	7,239	17,000	1,201	—	243,796
July - September .....	252,331	7,172	16,511	1,293	—	277,307
October - December .....	219,746	7,042	17,537	1,939	—	246,265
<b>Total</b> .....	<b>910,867</b>	<b>28,189</b>	<b>69,240</b>	<b>6,372</b>	<sup>E</sup> <b>28,081</b>	<sup>E</sup> <b>1,042,748</b>
1999						
January - March .....	217,202	6,795	17,454	1,939	—	243,390
<b>Total</b> .....	<b>217,202</b>	<b>6,795</b>	<b>17,454</b>	<b>1,939</b>	—	<b>243,390</b>

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

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

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



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

Census Division and State	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>509</b>	<b>741</b>	<b>1,760</b>	<b>509</b>	<b>1,760</b>	<b>-71.1</b>
Connecticut.....	2	167	210	2	210	-99.0
Maine.....	20	31	44	20	44	-55.4
Massachusetts.....	138	155	1,127	138	1,127	-87.7
New Hampshire.....	320	360	351	320	351	-8.6
Rhode Island.....	1	1	1	1	1	.0
Vermont.....	28	28	28	28	28	.0
<b>Middle Atlantic Total</b> .....	<b>17,059</b>	<b>16,710</b>	<b>17,660</b>	<b>17,059</b>	<b>17,660</b>	<b>-3.4</b>
New Jersey.....	691	574	493	691	493	40.0
New York.....	3,051	3,155	3,050	3,051	3,050	*
Pennsylvania.....	13,317	12,982	14,117	13,317	14,117	-5.7
<b>East North Central Total</b> .....	<b>56,880</b>	<b>56,209</b>	<b>57,934</b>	<b>56,880</b>	<b>57,934</b>	<b>-1.8</b>
Illinois.....	10,529	10,676	10,651	10,529	10,651	-1.1
Indiana.....	16,039	15,955	16,087	16,039	16,087	-3
Michigan.....	9,439	9,812	9,452	9,439	9,452	-1
Ohio.....	14,548	13,742	15,696	14,548	15,696	-7.3
Wisconsin.....	6,325	6,025	6,047	6,325	6,047	4.6
<b>West North Central Total</b> .....	<b>35,301</b>	<b>36,204</b>	<b>36,152</b>	<b>35,301</b>	<b>36,152</b>	<b>-2.4</b>
Iowa.....	5,666	5,745	5,844	5,666	5,844	-3.0
Kansas.....	4,305	3,892	4,401	4,305	4,401	-2.2
Minnesota.....	4,572	5,159	5,100	4,572	5,100	-10.3
Missouri.....	9,271	9,327	9,289	9,271	9,289	-2
Nebraska.....	2,619	3,111	2,841	2,619	2,841	-7.8
North Dakota.....	8,181	8,458	8,058	8,181	8,058	1.5
South Dakota.....	687	511	619	687	619	11.0
<b>South Atlantic Total</b> .....	<b>40,546</b>	<b>40,578</b>	<b>40,128</b>	<b>40,546</b>	<b>40,128</b>	<b>1.0</b>
Delaware.....	388	352	398	388	398	-2.4
District of Columbia.....	12	12	12	12	12	.0
Florida.....	5,868	6,803	6,645	5,868	6,645	-11.7
Georgia.....	7,243	7,371	6,799	7,243	6,799	6.5
Maryland.....	2,893	2,720	2,923	2,893	2,923	-1.0
North Carolina.....	6,339	6,507	6,535	6,339	6,535	-3.0
South Carolina.....	3,461	3,162	3,382	3,461	3,382	2.3
Virginia.....	4,025	3,835	4,004	4,025	4,004	.5
West Virginia.....	10,317	9,816	9,431	10,317	9,431	9.4
<b>East South Central Total</b> .....	<b>27,051</b>	<b>25,311</b>	<b>26,505</b>	<b>27,051</b>	<b>26,505</b>	<b>2.1</b>
Alabama.....	8,320	9,316	8,180	8,320	8,180	1.7
Kentucky.....	10,751	8,975	10,071	10,751	10,071	6.7
Mississippi.....	1,246	1,007	1,289	1,246	1,289	-3.3
Tennessee.....	6,735	6,013	6,964	6,735	6,964	-3.3
<b>West South Central Total</b> .....	<b>34,086</b>	<b>35,525</b>	<b>35,187</b>	<b>34,086</b>	<b>35,187</b>	<b>-3.1</b>
Arkansas.....	3,636	3,923	3,153	3,636	3,153	15.3
Louisiana.....	3,019	3,263	3,277	3,019	3,277	-7.9
Oklahoma.....	4,757	3,907	5,258	4,757	5,258	-9.5
Texas.....	22,674	24,433	23,498	22,674	23,498	-3.5
<b>Mountain Total</b> .....	<b>29,174</b>	<b>31,522</b>	<b>28,996</b>	<b>29,174</b>	<b>28,996</b>	<b>.6</b>
Arizona.....	4,499	5,126	4,281	4,499	4,281	5.1
Colorado.....	4,509	4,720	4,509	4,509	4,509	*
Idaho.....	184	232	146	184	146	26.0
Montana.....	2,780	2,898	2,695	2,780	2,695	3.1
Nevada.....	1,978	2,405	1,996	1,978	1,996	-9
New Mexico.....	4,234	4,238	3,656	4,234	3,656	15.8
Utah.....	3,896	4,381	4,167	3,896	4,167	-6.5
Wyoming.....	7,094	7,523	7,546	7,094	7,546	-6.0
<b>Pacific Total</b> .....	<b>2,784</b>	<b>3,463</b>	<b>2,978</b>	<b>2,784</b>	<b>2,978</b>	<b>-6.5</b>
Alaska.....	195	190	209	195	209	-6.9
California.....	734	742	632	734	632	16.1
Hawaii.....	41	35	43	41	43	-4.6
Oregon.....	541	675	559	541	559	-3.2
Washington.....	1,273	1,821	1,534	1,273	1,534	-17.0
<b>U.S. Total</b> .....	<b>243,390</b>	<b>246,265</b>	<b>247,299</b>	<b>243,390</b>	<b>247,299</b>	<b>-1.6</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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>439</b>	<b>661</b>	<b>1,665</b>	<b>439</b>	<b>1,665</b>	<b>-73.7</b>
Connecticut .....	-	165	208	-	208	-
Maine .....	-	-	-	-	-	-
Massachusetts .....	120	137	1,109	120	1,109	-89.2
New Hampshire .....	318	358	349	318	349	-8.7
Rhode Island .....	-	-	-	-	-	-
Vermont .....	-	-	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>13,266</b>	<b>12,799</b>	<b>13,596</b>	<b>13,266</b>	<b>13,596</b>	<b>-2.4</b>
New Jersey.....	687	569	489	687	489	40.5
New York .....	2,313	2,394	2,247	2,313	2,247	3.0
Pennsylvania .....	10,266	9,835	10,861	10,266	10,861	-5.5
<b>East North Central Total</b> .....	<b>49,257</b>	<b>48,754</b>	<b>50,267</b>	<b>49,257</b>	<b>50,267</b>	<b>-2.0</b>
Illinois .....	8,957	9,153	8,903	8,957	8,903	.6
Indiana.....	13,301	13,204	13,297	13,301	13,297	*
Michigan .....	8,171	8,563	8,410	8,171	8,410	-2.8
Ohio.....	13,020	12,298	14,134	13,020	14,134	-7.9
Wisconsin.....	5,807	5,536	5,523	5,807	5,523	5.1
<b>West North Central Total</b> .....	<b>31,458</b>	<b>32,298</b>	<b>32,384</b>	<b>31,458</b>	<b>32,384</b>	<b>-2.9</b>
Iowa.....	4,782	4,876	4,970	4,782	4,970	-3.8
Kansas .....	4,284	3,866	4,369	4,284	4,369	-1.9
Minnesota.....	4,060	4,664	4,587	4,060	4,587	-11.5
Missouri .....	8,871	8,930	8,885	8,871	8,885	-2
Nebraska .....	2,512	2,997	2,729	2,512	2,729	-7.9
North Dakota .....	6,371	6,576	6,327	6,371	6,327	.7
South Dakota .....	579	390	519	579	519	11.7
<b>South Atlantic Total</b> .....	<b>36,675</b>	<b>36,680</b>	<b>36,149</b>	<b>36,675</b>	<b>36,149</b>	<b>1.5</b>
Delaware .....	344	300	374	344	374	-8.2
District of Columbia.....	-	-	-	-	-	-
Florida .....	5,592	6,487	6,347	5,592	6,347	-11.9
Georgia.....	6,711	6,918	6,245	6,711	6,245	7.5
Maryland.....	2,675	2,498	2,714	2,675	2,714	-1.5
North Carolina .....	5,760	5,948	5,932	5,760	5,932	-2.9
South Carolina .....	2,985	2,676	2,876	2,985	2,876	3.8
Virginia .....	3,122	2,927	3,040	3,122	3,040	2.7
West Virginia.....	9,485	8,927	8,619	9,485	8,619	10.0
<b>East South Central Total</b> .....	<b>24,006</b>	<b>22,290</b>	<b>23,222</b>	<b>24,006</b>	<b>23,222</b>	<b>3.4</b>
Alabama .....	7,127	8,073	6,867	7,127	6,867	3.8
Kentucky .....	9,897	8,136	9,125	9,897	9,125	8.5
Mississippi .....	1,199	965	1,225	1,199	1,225	-2.1
Tennessee.....	5,783	5,116	6,006	5,783	6,006	-3.7
<b>West South Central Total</b> .....	<b>32,589</b>	<b>33,979</b>	<b>33,646</b>	<b>32,589</b>	<b>33,646</b>	<b>-3.1</b>
Arkansas.....	3,567	3,845	3,084	3,567	3,084	15.7
Louisiana.....	3,011	3,254	3,264	3,011	3,264	-7.8
Oklahoma.....	4,483	3,668	4,989	4,483	4,989	-10.1
Texas .....	21,528	23,213	22,308	21,528	22,308	-3.5
<b>Mountain Total</b> .....	<b>27,685</b>	<b>29,783</b>	<b>27,408</b>	<b>27,685</b>	<b>27,408</b>	<b>1.0</b>
Arizona.....	4,322	4,950	4,118	4,322	4,118	5.0
Colorado.....	4,312	4,513	4,311	4,312	4,311	*
Idaho .....	-	-	-	-	-	-
Montana .....	2,719	2,835	2,640	2,719	2,640	3.0
Nevada .....	1,927	2,354	1,950	1,927	1,950	-1.2
New Mexico .....	4,217	4,216	3,639	4,217	3,639	15.9
Utah.....	3,602	3,941	3,737	3,602	3,737	-3.6
Wyoming.....	6,586	6,975	7,013	6,586	7,013	-6.1
<b>Pacific Total</b> .....	<b>1,828</b>	<b>2,502</b>	<b>2,096</b>	<b>1,828</b>	<b>2,096</b>	<b>-12.8</b>
Alaska .....	44	39	58	44	58	-24.7
California .....	-	-	-	-	-	-
Hawaii .....	-	-	-	-	-	-
Oregon.....	541	675	522	541	522	3.7
Washington.....	1,243	1,789	1,516	1,243	1,516	-18.0
<b>U.S. Total</b> .....	<b>217,202</b>	<b>219,746</b>	<b>220,433</b>	<b>217,202</b>	<b>220,433</b>	<b>-1.5</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, January-March 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>-336</b>	<b>-1.8</b>	<b>-430</b>	<b>-9.2</b>	<b>581</b>	<b>9.5</b>	<b>-582</b>	<b>-28.9</b>	<b>5</b>	<b>0.4</b>	<b>83</b>	<b>1.9</b>
Connecticut.....	-67	-2.0	-230	-30.5	260	11.8	-100	-45.0	13	9.7	-6	19.3
Maine.....	-113	-14.9	-	-	-24	-10.9	-	-	-89	-16.6	*	-
Massachusetts.....	643	8.0	-6	-2	329	9.8	-470	-48.2	7	3.7	783	120.4
New Hampshire.....	-629	-15.1	-194	-18.9	-18	-5.5	*	-67.3	61	19.6	-479	-19.1
Rhode Island.....	-13	-1.6	*	-	*	-15.6	-13	-1.6	*	-	-	-
Vermont.....	-156	-10.8	*	-	34	NM	*	-	13	4.8	-216	-18.9
<b>Middle Atlantic</b> .....	<b>1,172</b>	<b>1.5</b>	<b>133</b>	<b>.4</b>	<b>424</b>	<b>15.9</b>	<b>375</b>	<b>10.8</b>	<b>428</b>	<b>5.6</b>	<b>-177</b>	<b>-6</b>
New Jersey.....	203	3.3	-828	-41.4	-81	-75.5	-132	-36.5	-10	39.7	1,253	34.5
New York.....	1,824	7.1	468	9.0	527	24.9	515	17.0	145	2.0	179	2.2
Pennsylvania.....	-855	-1.9	493	1.9	-22	-4.9	-8	-10.0	293	57.3	-1,610	-9.6
<b>East North Central</b> .....	<b>-3,567</b>	<b>-2.7</b>	<b>-592</b>	<b>-6</b>	<b>385</b>	<b>107.1</b>	<b>487</b>	<b>52.5</b>	<b>-94</b>	<b>-9.5</b>	<b>-3,770</b>	<b>-16.0</b>
Illinois.....	-5,749	-17.1	-2,136	-11.3	186	160.5	549	150.4	8	233.1	-4,332	-30.2
Indiana.....	-119	-4	-304	-1.1	175	293.8	10	22.2	*	.1	-	-
Michigan.....	34	.2	746	4.6	44	52.6	130	97.5	-23	-10.5	-863	-19.5
Ohio.....	1,500	4.1	1,350	4.2	-9	-14.0	22	136.3	-11	-12.1	149	3.5
Wisconsin.....	768	6.6	-247	-2.4	-10	-28.0	-224	-60.8	-68	-12.0	1,276	258.7
<b>West North Central</b> .....	<b>1,363</b>	<b>2.1</b>	<b>1,918</b>	<b>4.0</b>	<b>-106</b>	<b>-38.3</b>	<b>-41</b>	<b>-14.4</b>	<b>52</b>	<b>1.6</b>	<b>-472</b>	<b>-4.2</b>
Iowa.....	466	5.3	376	5.0	-10	-66.6	-6	-12.4	-18	-7.7	125	13.1
Kansas.....	-11	-1	-20	-3	-31	-73.2	25	24.5	*	-	15	.6
Minnesota.....	409	3.9	451	6.2	-62	-34.3	-70	-70.8	-21	-11.7	103	3.9
Missouri.....	176	1.0	655	4.5	*	1.3	14	93.1	-18	-2.6	-480	-19.2
Nebraska.....	-421	-5.6	-203	-4.5	1	11.0	-5	-36.7	21	5.8	-235	-9.0
North Dakota.....	590	8.0	579	8.5	-4	-21.7	*	366.7	15	2.7	-	-
South Dakota.....	155	7.2	81	10.4	-1	-64.9	2	48.1	73	5.4	-	-
<b>South Atlantic</b> .....	<b>7,449</b>	<b>5.0</b>	<b>-246</b>	<b>-3</b>	<b>1,787</b>	<b>38.1</b>	<b>-515</b>	<b>-7.1</b>	<b>1,703</b>	<b>33.8</b>	<b>4,720</b>	<b>10.9</b>
Delaware.....	-771	-39.6	-98	-9.9	8	4.1	-681	-90.5	-	-	-	-
District of Columbia.....	5	-277.1	-	-	5	-277.1	-	-	-	-	-	-
Florida.....	2,279	7.2	-339	-2.2	1,632	43.2	7	.1	-25	-41.1	1,002	16.4
Georgia.....	509	2.2	99	.7	8	34.1	11	150.6	628	43.3	-237	-2.9
Maryland.....	710	6.3	-7	-1	99	26.5	20	42.5	124	18.3	474	14.4
North Carolina.....	1,170	4.5	-641	-4.0	-11	-20.2	6	NM	279	18.5	1,537	17.7
South Carolina.....	2,636	14.6	557	8.4	7	29.0	6	305.9	563	61.1	1,503	14.4
Virginia.....	1,283	8.9	566	7.9	43	22.0	113	73.2	120	41.3	442	6.6
West Virginia.....	-372	-1.6	-383	-1.7	-4	-9.9	2	33.3	13	10.2	-	-
<b>East South Central</b> .....	<b>1,606</b>	<b>2.0</b>	<b>-588</b>	<b>-1.1</b>	<b>660</b>	<b>80.1</b>	<b>89</b>	<b>17.0</b>	<b>-341</b>	<b>-4.1</b>	<b>1,787</b>	<b>11.1</b>
Alabama.....	1,729	6.5	228	1.5	*	1.0	39	93.2	267	6.2	1,195	17.3
Kentucky.....	-482	-2.2	-285	-1.3	2	6.4	18	61.1	-217	-21.9	-	-
Mississippi.....	157	2.4	-320	-11.6	669	92.1	33	7.2	-	-	-224	-8.3
Tennessee.....	202	.8	-210	-1.5	-11	-31.2	*	-	-392	-12.6	816	12.6
<b>West South Central</b> .....	<b>-1,523</b>	<b>-1.6</b>	<b>-2,136</b>	<b>-4.1</b>	<b>-103</b>	<b>-27.6</b>	<b>636</b>	<b>2.8</b>	<b>291</b>	<b>11.7</b>	<b>-211</b>	<b>-1.2</b>
Arkansas.....	-1,615	-15.0	-723	-12.4	-16	-68.9	66	70.9	-163	-13.6	-780	-21.5
Louisiana.....	-268	-2.0	167	3.6	-25	-9.9	-435	-10.8	-	-	24	.6
Oklahoma.....	796	7.4	64	.8	-1	-57.9	320	18.2	413	55.0	-	-
Texas.....	-436	-7	-1,644	-5.0	-61	-64.9	684	4.0	41	7.7	544	5.9
<b>Mountain</b> .....	<b>3,327</b>	<b>5.0</b>	<b>4,057</b>	<b>8.7</b>	<b>-9</b>	<b>-17.8</b>	<b>538</b>	<b>37.2</b>	<b>-1,836</b>	<b>-15.6</b>	<b>578</b>	<b>8.4</b>
Arizona.....	1,515	8.7	934	12.9	-3	-15.3	94	94.1	-88	-2.7	578	8.4
Colorado.....	420	5.2	488	6.4	*	12.4	28	41.8	-96	-22.2	*	-
Idaho.....	-932	-25.0	-	-	*	NM	*	-	-932	-25.0	-	-
Montana.....	-197	-3.0	828	24.9	*	-7	-6	-66.3	-1,019	-31.5	-	-
Nevada.....	1,280	26.6	595	16.3	-2	-30.6	409	69.7	278	48.6	-	-
New Mexico.....	-585	-7.7	-595	-8.6	-2	-38.5	-2	-3	14	28.6	-	-
Utah.....	356	4.3	341	4.3	-1	-15.0	-3	-10.0	19	6.4	-	-
Wyoming.....	1,469	14.4	1,466	14.8	-2	-19.8	18	NM	-13	-5.1	-	-
<b>Pacific</b> .....	<b>-4,100</b>	<b>-5.9</b>	<b>1,393</b>	<b>81.4</b>	<b>18</b>	<b>148.6</b>	<b>2,112</b>	<b>40.6</b>	<b>-7,899</b>	<b>-15.0</b>	<b>74</b>	<b>.9</b>
California.....	986	3.9	-	-	19	216.9	1,589	30.9	-623	-5.2	-203	-3.0
Oregon.....	-585	-4.3	767	NM	1	64.8	472	NM	-1,824	-13.5	*	-
Washington.....	-4,501	-14.6	626	38.2	-1	-55.8	52	NM	-5,452	-20.0	278	15.0
<b>Pacific Noncontiguous</b> .....	<b>-18</b>	<b>-6</b>	<b>-13</b>	<b>-18.8</b>	<b>71</b>	<b>4.2</b>	<b>-104</b>	<b>-12.5</b>	<b>29</b>	<b>10.3</b>	<b>-</b>	<b>-</b>
Alaska.....	-13	-9	-13	-18.8	74	38.4	-104	-12.5	31	11.0	-	-
Hawaii.....	-5	-3	-	-	-3	-2	-	-	-2	-65.2	-	-
<b>Total</b> .....	<b>5,373</b>	<b>.7</b>	<b>3,495</b>	<b>.8</b>	<b>3,708</b>	<b>21.7</b>	<b>2,994</b>	<b>6.7</b>	<b>-7,663</b>	<b>-8.1</b>	<b>2,613</b>	<b>1.6</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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>Middle Atlantic Total</b> .....	1,933	2,015	2,098	1,933	2,098	-7.9
<b>East North Central Total</b> .....	3,245	3,267	2,824	3,245	2,824	14.9
<b>South Atlantic Total</b> .....	w	w	w	w	w	w
<b>East South Central Total</b> .....	840	896	940	840	940	-10.7
<b>Mountain Total</b> .....	w	w	w	w	w	w
<b>U.S. Total</b> .....	<b>6,795</b>	<b>7,042</b>	<b>6,735</b>	<b>6,795</b>	<b>6,735</b>	<b>.9</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	January - March 1999	October - December 1998	January - March 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	27	27	27	0.0
<b>Middle Atlantic Total</b> .....	<b>1,409</b>	<b>1,445</b>	<b>1,515</b>	<b>1,409</b>	<b>1,515</b>	<b>-7.0</b>
New Jersey.....	w	w	w	w	w	w
New York.....	w	w	w	w	w	w
Pennsylvania.....	1,042	1,065	1,117	1,042	1,117	-6.7
<b>East North Central Total</b> .....	<b>3,968</b>	<b>3,777</b>	<b>4,433</b>	<b>3,968</b>	<b>4,433</b>	<b>-10.5</b>
Illinois.....	923	926	1,048	923	1,048	-11.9
Indiana.....	1,032	1,009	1,255	1,032	1,255	-17.7
Michigan.....	542	512	645	542	645	-15.9
Ohio.....	1,000	890	1,010	1,000	1,010	-1.0
Wisconsin.....	470	440	475	470	475	-1.2
<b>West North Central Total</b> .....	<b>3,541</b>	<b>3,604</b>	<b>3,466</b>	<b>3,541</b>	<b>3,466</b>	<b>2.2</b>
Iowa.....	772	757	762	772	762	1.4
Kansas.....	21	26	32	21	32	-33.4
Minnesota.....	481	464	481	481	481	-1
Missouri.....	320	317	324	320	324	-1.2
Nebraska.....	w	w	w	w	w	w
North Dakota.....	w	w	w	w	w	w
South Dakota.....	108	121	100	108	100	7.2
<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.....	276	316	298	276	298	-7.4
Georgia.....	528	448	548	528	548	-3.8
Maryland.....	202	206	192	202	192	4.9
North Carolina.....	521	502	545	521	545	-4.5
South Carolina.....	475	486	506	475	506	-6.1
Virginia.....	596	597	659	596	659	-9.7
West Virginia.....	400	425	410	400	410	-2.5
<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.....	644	647	697	644	697	-7.6
Kentucky.....	434	411	494	434	494	-12.2
Mississippi.....	w	w	w	w	w	w
Tennessee.....	913	858	919	913	919	-7
<b>West South Central Total</b> .....	<b>1,410</b>	<b>1,459</b>	<b>1,454</b>	<b>1,410</b>	<b>1,454</b>	<b>-3.0</b>
Arkansas.....	69	78	69	69	69	-1
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas.....	1,146	1,220	1,189	1,146	1,189	-3.6
<b>Mountain Total</b> .....	<b>1,229</b>	<b>1,428</b>	<b>1,198</b>	<b>1,229</b>	<b>1,198</b>	<b>2.6</b>
Arizona.....	177	175	163	177	163	8.5
Colorado.....	177	188	178	177	178	-4
Idaho.....	175	223	137	175	137	27.7
Montana.....	w	w	w	w	w	w
Nevada.....	w	w	w	w	w	w
New Mexico.....	w	w	w	w	w	w
Utah.....	133	228	140	133	140	-5.0
Wyoming.....	466	506	491	466	491	-5.2
<b>Pacific Total</b> .....	<b>766</b>	<b>771</b>	<b>692</b>	<b>766</b>	<b>692</b>	<b>10.7</b>
Alaska.....	w	w	w	w	w	w
California.....	702	709	600	702	600	17.0
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>17,454</b>	<b>17,537</b>	<b>18,192</b>	<b>17,454</b>	<b>18,192</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.

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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
311 Food Manufacturing.....	2,228	2,267	2,219	2,228	2,219	0.4
312 Beverage and Tobacco Product Mfg.....	141	129	146	141	146	-3.3
313 Textile Mills.....	247	225	275	247	275	-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.....	3,253	3,013	3,407	3,253	3,407	-4.5
323 Printing and Related Support.....	-	-	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w	w	w
325 Chemicals Manufacturing.....	3,032	3,007	3,219	3,032	3,219	-5.8
326 Plastics and Rubber Products Mfg.....	43	44	50	43	50	-14.6
327 Nonmetallic Mineral Products Mfg.....	w	w	w	w	w	w
331 Primary Metal Manufacturing <sup>2</sup> .....	w	w	w	w	w	w
332 Fabricated Metal Product Mfg.....	84	62	75	84	75	11.8
333 Machinery Manufacturing.....	84	82	119	84	119	-29.3
334 Computer and Electronic Product Mfg.....	w	w	w	w	w	w
335 Elec. Equip., Appl., Components Mfg.....	w	w	w	w	w	w
336 Transportation Equipment Mfg.....	247	184	255	247	255	-3.1
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>16,251</b>	<b>16,339</b>	<b>16,989</b>	<b>16,251</b>	<b>16,989</b>	<b>-4.3</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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>New England Total</b> .....	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>0.0</b>
Connecticut .....	2	2	2	2	2	.0
Maine .....	w	w	w	w	w	w
Massachusetts .....	w	w	w	w	w	w
New Hampshire .....	2	2	2	2	2	.0
Rhode Island .....	1	1	1	1	1	.0
Vermont .....	1	1	1	1	1	.0
<b>Middle Atlantic Total</b> .....	<b>451</b>	<b>451</b>	<b>451</b>	<b>451</b>	<b>451</b>	<b>.0</b>
New Jersey.....	w	w	w	w	w	w
New York .....	w	w	w	w	w	w
Pennsylvania .....	373	373	373	373	373	.0
<b>East North Central Total</b> .....	<b>411</b>	<b>411</b>	<b>411</b>	<b>411</b>	<b>411</b>	<b>.0</b>
Illinois .....	89	89	89	89	89	.0
Indiana .....	119	119	119	119	119	.0
Michigan .....	57	57	57	57	57	.0
Ohio.....	99	99	99	99	99	.0
Wisconsin.....	49	49	49	49	49	.0
<b>West North Central Total</b> .....	<b>302</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>302</b>	<b>.0</b>
Iowa.....	112	112	112	112	112	.0
Kansas .....	1	1	1	1	1	.0
Minnesota.....	32	32	32	32	32	.0
Missouri .....	80	80	80	80	80	.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>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>*</b>
Delaware .....	w	w	w	w	w	w
District of Columbia.....	12	12	12	12	12	.0
Florida .....	*	-	-	*	-	-
Georgia.....	5	5	5	5	5	.0
Maryland.....	16	16	16	16	16	.0
North Carolina .....	58	58	58	58	58	.0
South Carolina.....	*	*	*	*	*	.0
Virginia.....	55	55	55	55	55	.0
West Virginia.....	32	32	32	32	32	.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 .....	22	22	22	22	22	.0
Kentucky .....	106	106	106	106	106	.0
Mississippi .....	w	w	w	w	w	w
Tennessee.....	39	39	39	39	39	.0
<b>West South Central Total</b> .....	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>87</b>	<b>.0</b>
Arkansas.....	*	*	*	*	*	.0
Louisiana.....	w	w	w	w	w	w
Oklahoma.....	w	w	w	w	w	w
Texas .....	*	*	*	*	*	.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.....	19	19	19	19	19	.0
Idaho .....	9	9	9	9	9	.0
Montana .....	w	w	w	w	w	w
Nevada .....	w	w	w	w	w	w
New Mexico .....	w	w	w	w	w	w
Utah.....	37	37	37	37	37	.0
Wyoming.....	42	42	42	42	42	.0
<b>Pacific Total</b> .....	<b>190</b>	<b>190</b>	<b>190</b>	<b>190</b>	<b>190</b>	<b>.0</b>
Alaska .....	w	w	w	w	w	w
California .....	33	33	33	33	33	.0
Hawaii .....	w	w	w	w	w	w
Oregon.....	w	w	w	w	w	w
Washington .....	6	6	6	6	6	.0
<b>U.S. Total</b> .....	<b>1,939</b>	<b>1,939</b>	<b>1,939</b>	<b>1,939</b>	<b>1,939</b>	<b>*</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>	Total		
<b>1993 March 31</b> .....	143,978	2,809	5,831	152,619	38,453	191,072
June 30 .....	145,753	3,020	6,070	154,842	34,827	189,669
September 30 .....	112,833	2,536	6,540	121,909	27,183	149,092
December 31 .....	111,341	2,401	6,716	120,458	25,284	145,742
<b>1994 March 31</b> .....	105,186	2,232	4,859	112,278	34,139	146,417
June 30 .....	118,391	2,759	5,543	126,694	35,758	162,451
September 30 .....	112,314	2,706	6,206	121,225	32,955	154,180
December 31 .....	126,897	2,657	6,585	136,139	33,219	169,358
<b>1995 March 31</b> .....	135,778	2,719	5,507	144,004	42,460	186,463
June 30 .....	143,385	2,624	5,649	151,657	42,104	193,761
September 30 .....	123,227	2,476	6,036	131,739	36,193	167,932
December 31 .....	126,304	2,632	5,702	134,639	34,444	169,083
<b>1996 March 31</b> .....	117,738	2,583	4,431	124,752	36,851	161,603
June 30 .....	127,113	2,601	4,565	134,280	37,344	171,623
September 30 .....	119,473	2,814	5,301	127,588	33,780	161,368
December 31 .....	114,623	2,667	5,688	122,979	28,648	151,627
<b>1997 March 31</b> .....	113,727	2,372	4,572	120,671	37,544	158,215
June 30 .....	120,787	2,050	4,751	127,588	42,529	170,117
September 30 .....	102,119	2,059	5,338	109,516	39,111	148,627
December 31 .....	98,826	1,978	5,597	106,401	33,973	140,374
<b>1998 March 31</b> .....	108,101	1,885	4,588	114,574	E 40,994	E 155,568
June 30 .....	117,758	1,995	4,614	124,366	E 38,331	E 162,697
September 30 .....	104,552	2,042	5,268	111,862	E 39,803	E 151,665
December 31 .....	120,501	2,026	5,561	128,089	36,144	164,233
<b>1999 March 31</b> .....	135,732	1,898	4,776	142,405	E 37,938	E 180,343

<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.

E Estimated.

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

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

**Table 46. Consumer Coal Stocks by Census Division and State, March 31, 1999**  
(Thousand Short Tons)

Census Division and State	Electric Utilities	Coke Plants	Other Industrial <sup>1</sup>	Total
<b>New England Total</b> .....	<b>583</b>	—	<b>w</b>	<b>657</b>
Connecticut.....	169	—	w	w
Maine.....	—	—	w	w
Massachusetts.....	129	—	w	w
New Hampshire.....	285	—	w	w
Rhode Island.....	—	—	w	w
Vermont.....	—	—	w	w
<b>Middle Atlantic Total</b> .....	<b>9,960</b>	<b>580</b>	<b>w</b>	<b>w</b>
New Jersey.....	665	—	w	w
New York.....	832	w	w	w
Pennsylvania.....	8,464	w	w	9,090
<b>East North Central Total</b> .....	<b>34,792</b>	<b>872</b>	<b>1,263</b>	<b>36,928</b>
Illinois.....	7,292	w	241	w
Indiana.....	9,156	w	w	9,888
Michigan.....	8,293	w	426	w
Ohio.....	5,841	w	w	6,064
Wisconsin.....	4,211	—	190	4,401
<b>West North Central Total</b> .....	<b>20,092</b>	—	<b>818</b>	<b>20,910</b>
Iowa.....	3,721	—	313	4,034
Kansas.....	3,938	—	20	3,957
Minnesota.....	2,053	—	201	2,254
Missouri.....	6,092	—	111	6,203
Nebraska.....	2,567	—	w	w
North Dakota.....	1,538	—	w	w
South Dakota.....	182	—	w	w
<b>South Atlantic Total</b> .....	<b>25,063</b>	<b>w</b>	<b>w</b>	<b>w</b>
Delaware.....	272	—	w	w
District of Columbia.....	—	—	—	—
Florida.....	5,715	—	139	5,853
Georgia.....	4,782	—	127	4,909
Maryland.....	1,101	w	22	w
North Carolina.....	4,609	—	163	4,772
South Carolina.....	3,129	—	212	3,342
Virginia.....	1,278	w	124	w
West Virginia.....	4,177	w	102	w
<b>East South Central Total</b> .....	<b>13,046</b>	<b>313</b>	<b>w</b>	<b>w</b>
Alabama.....	3,733	w	w	4,067
Kentucky.....	5,623	w	84	w
Mississippi.....	1,251	—	w	w
Tennessee.....	2,439	—	221	2,661
<b>West South Central Total</b> .....	<b>19,480</b>	—	<b>436</b>	<b>19,916</b>
Arkansas.....	1,981	—	23	2,004
Louisiana.....	2,687	—	23	2,710
Oklahoma.....	4,318	—	126	4,444
Texas.....	10,494	—	264	10,758
<b>Mountain Total</b> .....	<b>11,536</b>	<b>w</b>	<b>255</b>	<b>w</b>
Arizona.....	2,071	—	78	2,149
Colorado.....	3,161	—	25	3,185
Idaho.....	—	—	50	50
Montana.....	291	—	w	w
Nevada.....	1,205	—	w	w
New Mexico.....	817	—	w	w
Utah.....	2,682	w	5	w
Wyoming.....	1,310	—	74	1,384
<b>Pacific Total</b> .....	<b>1,178</b>	—	<b>293</b>	<b>1,471</b>
Alaska.....	—	—	—	—
California.....	—	—	242	242
Hawaii.....	—	—	w	w
Oregon.....	353	—	w	w
Washington.....	825	—	w	w
<b>U.S. Total</b> .....	<b>135,732</b>	<b>1,898</b>	<b>4,776</b>	<b>142,405</b>

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

w Withheld to avoid disclosure of individual company data.

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

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

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

Census Division and State	March 31, 1999	December 31, 1998	March 31, 1998	Percent Difference March 31: 1999 versus 1998
<b>New England Total</b> .....	<b>583</b>	<b>575</b>	<b>981</b>	<b>-40.5</b>
Connecticut.....	169	134	135	25.1
Maine.....	-	-	-	-
Massachusetts.....	129	163	566	-77.2
New Hampshire.....	285	278	280	1.9
Rhode Island.....	-	-	-	-
Vermont.....	-	-	-	-
<b>Middle Atlantic Total</b> .....	<b>9,960</b>	<b>10,232</b>	<b>9,193</b>	<b>8.3</b>
New Jersey.....	665	663	587	13.3
New York.....	832	1,128	718	15.9
Pennsylvania.....	8,464	8,441	7,889	7.3
<b>East North Central Total</b> .....	<b>34,792</b>	<b>34,128</b>	<b>29,013</b>	<b>19.9</b>
Illinois.....	7,292	6,572	5,824	25.2
Indiana.....	9,156	8,198	6,772	35.2
Michigan.....	8,293	8,776	7,232	14.7
Ohio.....	5,841	5,902	5,591	4.5
Wisconsin.....	4,211	4,679	3,593	17.2
<b>West North Central Total</b> .....	<b>20,092</b>	<b>17,961</b>	<b>14,366</b>	<b>39.9</b>
Iowa.....	3,721	3,788	1,939	91.9
Kansas.....	3,938	3,168	2,657	48.2
Minnesota.....	2,053	2,093	1,882	9.1
Missouri.....	6,092	5,032	4,127	47.6
Nebraska.....	2,567	2,096	1,792	43.2
North Dakota.....	1,538	1,580	1,769	-13.1
South Dakota.....	182	204	200	-8.7
<b>South Atlantic Total</b> .....	<b>25,063</b>	<b>20,938</b>	<b>20,230</b>	<b>23.9</b>
Delaware.....	272	470	345	-21.2
District of Columbia.....	-	-	-	-
Florida.....	5,715	4,565	4,049	41.1
Georgia.....	4,782	3,424	3,639	31.4
Maryland.....	1,101	1,157	1,200	-8.2
North Carolina.....	4,609	3,622	3,310	39.3
South Carolina.....	3,129	2,539	2,297	36.3
Virginia.....	1,278	1,370	1,065	19.9
West Virginia.....	4,177	3,791	4,324	-3.4
<b>East South Central Total</b> .....	<b>13,046</b>	<b>10,808</b>	<b>11,358</b>	<b>14.9</b>
Alabama.....	3,733	3,195	3,446	8.3
Kentucky.....	5,623	4,668	4,889	15.0
Mississippi.....	1,251	820	834	50.1
Tennessee.....	2,439	2,124	2,190	11.4
<b>West South Central Total</b> .....	<b>19,480</b>	<b>14,396</b>	<b>12,197</b>	<b>59.7</b>
Arkansas.....	1,981	1,107	918	115.8
Louisiana.....	2,687	2,157	1,599	68.0
Oklahoma.....	4,318	3,349	2,559	68.8
Texas.....	10,494	7,784	7,120	47.4
<b>Mountain Total</b> .....	<b>11,536</b>	<b>10,404</b>	<b>10,100</b>	<b>14.2</b>
Arizona.....	2,071	1,855	1,736	19.3
Colorado.....	3,161	2,840	2,600	21.6
Idaho.....	-	-	-	-
Montana.....	291	335	432	-32.6
Nevada.....	1,205	881	1,042	15.6
New Mexico.....	817	789	811	.7
Utah.....	2,682	2,461	2,350	14.1
Wyoming.....	1,310	1,243	1,130	15.9
<b>Pacific Total</b> .....	<b>1,178</b>	<b>1,060</b>	<b>663</b>	<b>77.5</b>
Alaska.....	-	-	-	-
California.....	-	-	-	-
Hawaii.....	-	-	-	-
Oregon.....	353	196	184	91.6
Washington.....	825	864	479	72.1
<b>U.S. Total</b> .....	<b>135,732</b>	<b>120,501</b>	<b>108,101</b>	<b>25.6</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	March 31, 1999	December 31, 1998	March 31, 1998	Percent Difference March 31: 1999 versus 1998
Middle Atlantic Total .....	580	584	580	*
East North Central Total .....	872	951	839	3.9
South Atlantic Total .....	w	w	w	w
East South Central Total .....	313	341	341	-8.1
Mountain Total .....	w	w	w	w
<b>U.S. Total .....</b>	<b>1,898</b>	<b>2,026</b>	<b>1,885</b>	<b>.6</b>

\* Rounded to zero.

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

Census Division and State	March 31, 1999	December 31, 1998	March 31, 1998	Percent Difference March 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>289</b>	<b>w</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>1,263</b>	<b>1,730</b>	<b>1,353</b>	<b>-6.6</b>
Illinois.....	241	290	210	14.5
Indiana.....	261	306	296	-11.7
Michigan.....	426	674	474	-10.2
Ohio.....	145	171	178	-18.5
Wisconsin.....	190	290	194	-1.9
<b>West North Central Total</b> .....	<b>818</b>	<b>1,069</b>	<b>676</b>	<b>21.1</b>
Iowa.....	313	473	317	-1.0
Kansas.....	20	19	17	17.7
Minnesota.....	201	301	119	68.5
Missouri.....	111	127	151	-26.6
Nebraska.....	w	w	w	w
North Dakota.....	w	w	w	w
South Dakota.....	32	27	21	54.1
<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.....	139	84	103	35.0
Georgia.....	127	142	145	-12.3
Maryland.....	22	21	14	56.3
North Carolina.....	163	143	131	24.3
South Carolina.....	212	203	181	17.2
Virginia.....	124	120	133	-6.7
West Virginia.....	102	125	121	-16.0
<b>East South Central Total</b> .....	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
Alabama.....	142	188	186	-23.9
Kentucky.....	84	76	89	-6.3
Mississippi.....	w	w	w	w
Tennessee.....	221	223	205	7.9
<b>West South Central Total</b> .....	<b>436</b>	<b>354</b>	<b>318</b>	<b>37.1</b>
Arkansas.....	23	17	21	10.1
Louisiana.....	w	w	w	w
Oklahoma.....	w	w	w	w
Texas.....	264	223	166	59.4
<b>Mountain Total</b> .....	<b>255</b>	<b>321</b>	<b>243</b>	<b>5.0</b>
Arizona.....	78	70	38	102.5
Colorado.....	25	24	20	21.7
Idaho.....	50	126	76	-33.6
Montana.....	w	w	w	w
Nevada.....	w	w	w	w
New Mexico.....	w	w	w	w
Utah.....	5	5	3	75.4
Wyoming.....	74	77	85	-13.4
<b>Pacific Total</b> .....	<b>293</b>	<b>241</b>	<b>326</b>	<b>-10.3</b>
Alaska.....	w	w	w	w
California.....	242	188	210	15.5
Hawaii.....	w	w	w	w
Oregon.....	w	w	w	w
Washington.....	w	w	w	w
<b>U.S. Total</b> .....	<b>4,776</b>	<b>5,561</b>	<b>4,588</b>	<b>4.1</b>

<sup>w</sup> 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	March 31, 1999	December 31, 1998	March 31, 1998	Percent Difference March 31: 1999 versus 1998
311 Food Manufacturing .....	531	730	585	-9.3
312 Beverage and Tobacco Product Mfg .....	21	26	27	-21.5
313 Textile Mills .....	91	108	105	-13.0
315 Apparel Manufacturing .....	w	w	w	w
316 Leather and Allied Product Mfg .....	-	-	-	-
321 Wood Product Manufacturing .....	w	w	w	w
322 Paper Manufacturing .....	953	1,115	932	2.2
323 Printing and Related Support .....	-	-	-	-
324 Petroleum and Coal Products <sup>1</sup> .....	w	w	w	w
325 Chemicals Manufacturing .....	874	930	766	14.1
326 Plastics and Rubber Products Mfg .....	4	4	6	-26.2
327 Nonmetallic Mineral Products Mfg .....	w	w	w	w
331 Primary Metal Manufacturing <sup>2</sup> .....	w	w	w	w
332 Fabricated Metal Product Mfg .....	45	46	42	7.1
333 Machinery Manufacturing .....	32	56	42	-23.1
334 Computer and Electronic Product Mfg .....	w	w	w	w
335 Elec. Equip., Appl., Components Mfg .....	w	w	w	w
336 Transportation Equipment Mfg .....	48	50	61	-21.6
337 Furniture and Related Product Mfg .....	w	w	w	w
339 Miscellaneous Manufacturing .....	w	w	w	w
<b>U.S. Total .....</b>	<b>4,776</b>	<b>5,561</b>	<b>4,588</b>	<b>4.1</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	March 31, 1999	December 31, 1998	March 31, 1998	Percent Difference March 31: 1999 versus 1998
<b>Middle Atlantic Total .....</b>	<b>191</b>	<b>160</b>	<b>188</b>	<b>2.0</b>
<b>East North Central Total .....</b>	<b>568</b>	<b>526</b>	<b>473</b>	<b>20.0</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>136</b>	<b>176</b>	<b>140</b>	<b>-2.6</b>
<b>Mountain Total .....</b>	<b>w</b>	<b>w</b>	<b>w</b>	<b>w</b>
<b>U.S. Total .....</b>	<b>1,171</b>	<b>1,077</b>	<b>1,098</b>	<b>6.7</b>
<b>Coke Total .....</b>	<b>1,020</b>	<b>933</b>	<b>952</b>	<b>7.2</b>
<b>Breeze Total .....</b>	<b>151</b>	<b>144</b>	<b>146</b>	<b>3.6</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	NA	NA	NA	NA	NA	NA	<b>2,248</b>	<b>30.86</b>

NA Not available.

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

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



**Table A2. Quantity and Average Price of U.S. Coal Imports by Origin, 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>
<b>Total</b> .....	<b>94</b>	<b>100</b>	<b>1,200</b>	<b>248</b>	–	<b>514</b>	<b>91</b>	<b>2,248</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>
<b>Total</b> .....	<b>23.55</b>	<b>28.84</b>	<b>30.08</b>	<b>38.43</b>	–	<b>32.22</b>	<b>31.84</b>	<b>31.19</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	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>U.S. Total</b> .....	<b>2,247,859</b>	<b>2,546,854</b>	<b>1,838,994</b>	<b>2,247,859</b>	<b>1,838,994</b>	<b>22.2</b>
<b>Exporting Country: Australia</b>						
Tampa, FL .....	62,914	-	-	62,914	-	-
Honolulu, HI.....	31,108	33,066	31,523	31,108	31,523	-1.3
<b>Total</b> .....	<b>94,022</b>	<b>33,066</b>	<b>31,523</b>	<b>94,022</b>	<b>31,523</b>	<b>198.3</b>
<b>Exporting Country: Canada</b>						
Detroit, MI.....	7,885	185,185	34,814	7,885	34,814	-77.4
Duluth, MN.....	1,518	-	-	1,518	-	-
Great Falls, MT .....	9,370	-	-	9,370	-	-
Pembina, ND .....	62,499	155,877	69,514	62,499	69,514	-10.1
Buffalo, NY .....	-	9	-	-	-	-
Ogdensburg, NY.....	-	19	-	-	-	-
Seattle, WA.....	18,629	27,948	27,131	18,629	27,131	-31.3
<b>Total</b> .....	<b>99,901</b>	<b>369,038</b>	<b>131,459</b>	<b>99,901</b>	<b>131,459</b>	<b>-24.0</b>
<b>Exporting Country: Colombia</b>						
Mobile, AL .....	380,398	67,145	-	380,398	-	-
Tampa, FL .....	413,227	664,240	343,005	413,227	343,005	20.5
Boston, MA.....	169,592	237,112	204,700	169,592	204,700	-17.2
New York City, NY.....	154,656	71,502	77,571	154,656	77,571	99.4
San Juan, PR.....	53,132	25,132	27,293	53,132	27,293	94.7
Houston-Galveston, TX.....	-	-	6,068	-	6,068	-
Virgin Islands .....	29,378	60,180	-	29,378	-	-
<b>Total</b> .....	<b>1,200,383</b>	<b>1,125,311</b>	<b>658,637</b>	<b>1,200,383</b>	<b>658,637</b>	<b>82.3</b>
<b>Exporting Country: Indonesia</b>						
Honolulu, HI.....	174,398	119,033	171,811	174,398	171,811	1.5
New Orleans, LA.....	73,482	301,795	73,836	73,482	73,836	-5
<b>Total</b> .....	<b>247,880</b>	<b>420,828</b>	<b>245,647</b>	<b>247,880</b>	<b>245,647</b>	<b>.9</b>
<b>Exporting Country: Venezuela</b>						
Mobile, AL .....	119,689	120,063	97,266	119,689	97,266	23.1
Miami, FL.....	-	-	45,288	-	45,288	-
Savannah, GA.....	100,196	78,394	76,061	100,196	76,061	31.7
New Orleans, LA.....	-	-	79,765	-	79,765	-
Boston, MA.....	153,309	202,529	261,219	153,309	261,219	-41.3
Portland, ME.....	113,924	73,190	34,681	113,924	34,681	228.5
New York City, NY.....	27,291	30,076	79,796	27,291	79,796	-65.8
Philadelphia, PA.....	-	31,317	64,354	-	64,354	-
San Juan, PR.....	-	24,141	28,385	-	28,385	-
<b>Total</b> .....	<b>514,409</b>	<b>559,710</b>	<b>766,815</b>	<b>514,409</b>	<b>766,815</b>	<b>-32.9</b>
<b>Other Exporting Countries</b>						
Los Angeles, CA .....	-	4	-	-	-	-
San Diego, CA.....	-	1	-	-	-	-
New Orleans, LA.....	73,284	-	-	73,284	-	-
Boston, MA .....	-	36,432	-	-	-	-
Buffalo, NY.....	1,084	286	1,847	1,084	1,847	-41.3
New York City, NY.....	-	11	25	-	25	-
San Juan, PR.....	-	-	2,226	-	2,226	-
Laredo, TX.....	15,798	1,270	-	15,798	-	-
Milwaukee, WI.....	1,098	897	815	1,098	815	34.7
<b>Total</b> .....	<b>91,264</b>	<b>38,901</b>	<b>4,913</b>	<b>91,264</b>	<b>4,913</b>	<b>NM</b>

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

Customs District	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>Total</b> .....	<b>\$31.19</b>	<b>\$32.57</b>	<b>\$33.54</b>	<b>\$31.19</b>	<b>\$33.54</b>	<b>-7.0</b>
<b>Exporting Country: Australia</b>						
Tampa, FL .....	\$20.36	-	-	\$20.36	-	-
Honolulu, HI .....	30.02	\$32.25	\$31.35	30.02	\$31.35	-4.2
<b>Total</b> .....	<b>23.55</b>	<b>32.25</b>	<b>31.35</b>	<b>23.55</b>	<b>31.35</b>	<b>-24.9</b>
<b>Exporting Country: Canada</b>						
Detroit, MI .....	\$39.34	\$46.73	\$42.12	\$39.34	\$42.12	-6.6
Great Falls, MT .....	35.30	-	-	35.30	-	-
Pembina, ND .....	26.02	25.75	30.00	26.02	30.00	-13.2
Seattle, WA .....	29.34	28.13	30.35	29.34	30.35	-3.3
<b>Total</b> .....	<b>28.84</b>	<b>36.69</b>	<b>33.66</b>	<b>28.84</b>	<b>33.66</b>	<b>-14.3</b>
<b>Exporting Country: Colombia</b>						
Mobile, AL .....	\$24.99	\$29.08	-	\$24.99	-	-
Tampa, FL .....	30.80	30.16	\$31.52	30.80	\$31.52	-2.3
Boston, MA .....	33.84	32.79	34.66	33.84	34.66	-2.4
New York City, NY .....	35.30	35.57	33.50	35.30	33.50	5.4
San Juan, PR .....	33.38	32.21	37.52	33.38	37.52	-11.0
Houston-Galveston, TX .....	-	-	34.47	-	34.47	-
Virgin Islands .....	30.59	29.04	-	30.59	-	-
<b>Total</b> .....	<b>30.08</b>	<b>30.98</b>	<b>33.01</b>	<b>30.08</b>	<b>33.01</b>	<b>-8.9</b>
<b>Exporting Country: Indonesia</b>						
Honolulu, HI .....	\$44.76	\$44.42	\$45.37	\$44.76	\$45.37	-1.3
New Orleans, LA .....	23.41	25.28	23.41	23.41	23.41	*
<b>Total</b> .....	<b>38.43</b>	<b>33.79</b>	<b>38.77</b>	<b>38.43</b>	<b>38.77</b>	<b>-9</b>
<b>Exporting Country: Venezuela</b>						
Mobile, AL .....	\$28.32	\$28.74	\$28.45	\$28.32	\$28.45	-0.4
Miami, FL .....	-	-	36.30	-	36.30	-
Savannah, GA .....	-	-	22.45	-	22.45	-
New Orleans, LA .....	-	-	27.22	-	27.22	-
Boston, MA .....	36.50	35.53	37.18	36.50	37.18	-1.8
Portland, ME .....	30.28	30.73	36.36	30.28	36.36	-16.7
New York City, NY .....	33.31	33.98	33.57	33.31	33.57	-8
Philadelphia, PA .....	-	28.49	31.49	-	31.49	-
San Juan, PR .....	-	29.94	29.94	-	29.94	-
<b>Total</b> .....	<b>32.22</b>	<b>32.27</b>	<b>32.36</b>	<b>32.22</b>	<b>32.36</b>	<b>-5</b>
<b>Other Exporting Countries</b>						
New Orleans, LA .....	\$31.65	-	-	\$31.65	-	-
Boston, MA .....	-	\$36.48	-	-	-	-
San Juan, PR .....	-	-	\$42.03	-	\$42.03	-
Laredo, TX .....	-	20.87	-	-	-	-
Milwaukee, WI .....	49.83	-	-	49.83	-	-
<b>Total</b> .....	<b>31.84</b>	<b>35.95</b>	<b>42.03</b>	<b>31.84</b>	<b>42.03</b>	<b>-24.2</b>

\* Rounded to zero.

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

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

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

Company and Plant	January - March 1999	October - December 1998	January - March 1998	Year to Date		
				1999	1998	Percent Change
<b>U.S. Total</b> .....	<b>1,296,888</b>	<b>1,552,626</b>	<b>1,418,240</b>	<b>1,296,888</b>	<b>1,418,240</b>	<b>-8.6</b>
<b>Exporting Country: Australia</b>						
Jacksonville Electric Authority, St Johns River	62,910	-	-	62,910	-	-
<b>Total</b> .....	<b>62,910</b>	<b>-</b>	<b>-</b>	<b>62,910</b>	<b>-</b>	<b>-</b>
<b>Exporting Country: Colombia</b>						
Central Hudson Gas & Electric, Danskammer	-	-	34,800	-	34,800	-
City Public Service, San Antonio JT Deely/Spruce .....	-	-	24,000	-	24,000	-
Gulf Power, Crist.....	-	110,537	-	-	-	-
Jacksonville Electric Authority, St Johns River	406,420	608,280	359,270	406,420	359,270	13.1
Mississippi Power (Southern Co), Watson.....	116,960	-	-	116,960	-	-
Mississippi Power (Southern Co), Daniel.....	61,750	-	-	61,750	-	-
New England Power (NEES), Brayton Point.....	-	-	151,400	-	151,400	-
New England Power (NEES), Salem Harbor.....	-	-	76,700	-	76,700	-
Public Serv Co of New Hampshire, Schiller .....	-	-	34,680	-	34,680	-
<b>Total</b> .....	<b>585,130</b>	<b>718,817</b>	<b>680,850</b>	<b>585,130</b>	<b>680,850</b>	<b>-14.1</b>
<b>Exporting Country: Indonesia</b>						
Cajun Electric Power Coop, Big Cajun No. 2.....	-	227,570	-	-	-	-
Tampa Electric, Davant Transfer.....	-	148,627	73,835	-	73,835	-
<b>Total</b> .....	<b>-</b>	<b>376,197</b>	<b>73,835</b>	<b>-</b>	<b>73,835</b>	<b>-</b>
<b>Exporting Country: Venezuela</b>						
Central Hudson Gas & Electric, Danskammer	182,500	148,400	122,600	182,500	122,600	48.9
Central Power and Light (CSW), Coletto Creek	-	42,495	-	-	-	-
Florida Power Corp, IMT Transfer.....	60,794	-	61,217	60,794	61,217	-7
Gulf Power, Crist.....	60,984	611	54,180	60,984	54,180	12.6
Mississippi Power (Southern Co), Watson.....	15,560	44,530	13,600	15,560	13,600	14.4
New England Power (NEES), Brayton Point.....	-	-	119,200	-	119,200	-
New England Power (NEES), Salem Harbor.....	-	-	100,900	-	100,900	-
Public Serv Co of New Hampshire, Schiller .....	113,924	73,191	73,906	113,924	73,906	54.1
Public Serv Electric & Gas Co, Mercer.....	-	-	39,000	-	39,000	-
Savannah Electric and Power, Port Wentworth	106,604	78,385	78,952	106,604	78,952	35.0
Tampa Electric, Davant Transfer.....	73,482	-	-	73,482	-	-
United Illuminating Co, Bridgeport Harbor.....	35,000	70,000	-	35,000	-	-
<b>Total</b> .....	<b>648,848</b>	<b>457,612</b>	<b>663,555</b>	<b>648,848</b>	<b>663,555</b>	<b>-2.2</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: Baltimore Gas and Electric, Brandon Shores</b>						
<b>Colombia</b>						
1993.....	224.0	12,354	0.64	6.32	149.8	37.02
1994.....	88.0	12,379	.66	7.36	147.3	36.46
<b>Company and Plant: Cajun Electric Power Coop, Big Cajun No. 2</b>						
<b>Indonesia</b>						
1994.....	169.2	9,702	0.10	1.20	166.8	32.36
<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>						
1994.....	26.6	12,200	0.70	9.00	145.5	35.50
<b>Company and Plant: Central Hudson Gas &amp; Electric, Danskammer</b>						
<b>Colombia</b>						
1997.....	147.0	13,032	0.65	7.17	171.3	44.64
<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>Venezuela</b>						
1995.....	28.2	13,281	.56	7.30	224.1	59.53
1997.....	350.4	13,172	.65	6.40	173.1	45.61
<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>
<b>1999</b>						
January - March.....	182.5	12,937	.65	7.14	160.8	41.60
April - June.....	77.7	12,788	.68	6.45	157.5	40.28
<b>Total</b> .....	<b>260.2</b>	<b>12,892</b>	<b>.66</b>	<b>6.94</b>	<b>159.8</b>	<b>41.21</b>
<b>Company and Plant: City Public Service, San Antonio JT Deely/Spruce</b>						
<b>Colombia</b>						
1997.....	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>						
1993.....	122.5	12,109	0.60	5.90	148.5	35.98
1994.....	153.4	11,929	.55	5.03	148.9	35.51
1997.....	26.0	11,665	.47	6.00	173.2	40.41

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 Power and Light (CSW), Coletto Creek</b>						
<b>Colombia</b>						
<b>1998</b>						
April - June.....	23.7	12,760	0.66	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>
<b>1999</b>						
January - March.....	60.8	12,843	.73	6.23	187.6	48.20
<b>Total.....</b>	<b>60.8</b>	<b>12,843</b>	<b>.73</b>	<b>6.23</b>	<b>187.6</b>	<b>48.20</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>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>

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, Crist</b>						
<b>Venezuela</b>						
1999						
January - March.....	61.0	12,619	0.68	6.62	146.5	36.97
April - June.....	9.0	12,663	.67	6.60	146.4	37.08
<b>Total</b> .....	<b>70.0</b>	<b>12,625</b>	<b>.67</b>	<b>6.62</b>	<b>146.5</b>	<b>36.98</b>
<b>Company and Plant: Gulf Power, Scholtz</b>						
<b>Colombia</b>						
1993.....	7.5	12,170	0.62	7.50	164.4	40.01
<b>Venezuela</b>						
1993.....	16.0	12,958	.58	6.10	170.6	44.20
<b>Company and Plant: Gulf Power, Smith</b>						
<b>Colombia</b>						
1993.....	198.2	11,823	0.61	5.96	184.6	43.65
1994.....	286.6	12,299	.61	4.17	172.3	42.39
<b>South Africa</b>						
1994.....	127.3	11,318	.65	12.60	181.1	41.00
<b>Venezuela</b>						
1994.....	53.8	12,272	.96	6.52	229.1	56.24
1995.....	114.6	12,202	1.00	6.52	236.1	57.63
1996.....	92.2	12,171	.99	6.03	234.7	57.13
<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
<b>1998</b>						
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>
<b>1999</b>						
January - March.....	406.4	11,797	.66	7.30	147.4	34.79
April - June.....	124.2	11,820	.66	7.30	146.7	34.68
<b>Total</b> .....	<b>530.7</b>	<b>11,802</b>	<b>.66</b>	<b>7.30</b>	<b>147.3</b>	<b>34.76</b>
<b>Company and Plant: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh</b>						
<b>Venezuela</b>						
1998						
April - June.....	6.0	12,941	0.62	5.70	175.2	45.35

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: Lakeland Dept of Elec Wtr Utils, Plant 3-Mcintosh</b>						
<b>Venezuela</b>						
<b>1998</b>						
July - September.....	37.0	12,941	0.62	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>						
<b>1999</b>						
January - March.....	61.8	11,385	0.43	6.10	156.6	35.66
<b>Total.....</b>	<b>61.8</b>	<b>11,385</b>	<b>.43</b>	<b>6.10</b>	<b>156.6</b>	<b>35.66</b>
<b>Indonesia</b>						
<b>1993.....</b>						
	67.5	9,745	.08	1.23	168.9	32.92
<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.....	81.0	11,811	.50	4.30	147.1	34.75
<b>Total.....</b>	<b>197.9</b>	<b>11,842</b>	<b>.48</b>	<b>4.11</b>	<b>147.1</b>	<b>34.84</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>						
	187.2	12,144	0.64	5.42	178.5	43.35
<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>						
	239.9	13,132	.71	7.83	162.5	42.67
<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>

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>Colombia</b>						
1994.....	84.2	12,017	0.57	6.07	159.9	38.44
1995.....	250.1	12,166	.60	5.26	147.9	35.99
1996.....	202.9	12,069	.57	5.77	148.6	35.86
1997.....	409.1	12,101	.63	6.17	167.2	40.46
1998						
January - March.....	76.7	12,117	.57	5.91	189.1	45.82
April - June.....	87.5	12,120	.60	5.16	158.7	38.46
July - September.....	39.9	12,047	.64	5.27	213.7	51.50
<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>						
1993.....	236.2	12,921	.57	6.65	162.5	41.99
1994.....	565.5	12,678	.64	6.49	159.6	40.47
1995.....	393.1	12,846	.65	6.34	162.4	41.72
1996.....	563.1	12,849	.70	6.17	155.5	39.96
1997.....	90.4	12,934	.69	5.82	156.8	40.58
1998						
January - March.....	100.9	13,000	.70	5.59	156.8	40.77
April - June.....	53.8	13,086	.70	5.05	146.8	38.42
July - September.....	107.4	12,825	.73	5.87	153.1	39.27
<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>						
1993.....	11.1	9,242	0.13	1.35	104.8	19.38
<b>Company and Plant: Public Serv Co of New Hampshire, Merrimack</b>						
<b>Colombia</b>						
1995.....	11.5	11,578	0.53	3.80	192.9	44.67
<b>Indonesia</b>						
1993.....	21.2	12,620	.49	3.80	186.5	47.07
1997.....	40.8	12,300	.49	4.50	190.7	46.92
<b>Venezuela</b>						
1993.....	24.9	12,920	.58	6.00	163.2	42.17
1996.....	39.9	12,370	.39	3.70	213.2	52.75
<b>Company and Plant: Public Serv Co of New Hampshire, Schiller</b>						
<b>Colombia</b>						
1993.....	52.1	12,861	0.64	7.49	150.0	38.59
1994.....	163.3	12,505	.62	5.55	135.5	33.89
1995.....	122.9	12,733	.62	6.70	160.0	40.73
1996.....	32.3	12,169	.66	5.68	161.9	39.41
1997.....	35.4	13,231	.63	6.70	160.1	42.37
1998						
January - March.....	34.7	13,188	.64	5.50	172.8	45.58
<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>						
1993.....	16.0	12,620	.49	3.80	161.3	40.71
1994.....	113.0	12,360	.53	3.58	158.7	39.23
1995.....	79.7	12,300	.52	4.56	167.8	41.28
1996.....	25.9	12,412	.72	8.20	161.9	40.19
<b>Venezuela</b>						
1993.....	84.3	12,972	.58	6.08	138.6	35.95
1995.....	82.4	13,044	.71	7.24	156.5	40.84
1996.....	56.1	13,061	.67	6.04	159.8	41.75
1997.....	229.0	12,217	.67	6.13	160.7	39.27

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 Co of New Hampshire, Schiller</b>						
<b>Venezuela</b>						
<b>1998</b>						
January - March.....	73.9	13,161	0.65	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.....	38.3	12,846	.69	5.81	150.0	38.54
<b>Total.....</b>	<b>152.2</b>	<b>13,094</b>	<b>.66</b>	<b>5.35</b>	<b>147.9</b>	<b>38.74</b>
<b>Company and Plant: Public Serv Electric &amp; Gas Co, Mercer</b>						
<b>Venezuela</b>						
<b>1998</b>						
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>						
<b>1994.....</b>						
	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>						
<b>1994.....</b>						
	11.9	11,235	0.69	5.87	214.1	48.12
<b>Venezuela</b>						
<b>1994.....</b>						
	16.8	12,575	1.12	8.60	168.0	42.25
<b>1996.....</b>						
	209.9	12,143	1.08	6.71	152.8	37.11
<b>1997.....</b>						
	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.....	76.4	12,918	.70	6.90	128.2	33.12
<b>Total.....</b>	<b>183.0</b>	<b>12,629</b>	<b>.73</b>	<b>7.54</b>	<b>136.4</b>	<b>34.46</b>
<b>Company and Plant: Takoma Dept. of Public Utilities, Steam No.2</b>						
<b>Canada</b>						
<b>1993.....</b>						
	29.2	10,036	0.48	12.60	179.5	36.03
<b>1994.....</b>						
	6.3	9,806	.48	12.80	178.0	34.91
<b>1995.....</b>						
	23.8	10,066	.47	13.14	166.0	33.42
<b>1996.....</b>						
	18.0	9,861	.44	12.97	174.6	34.44
<b>1997.....</b>						
	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>						
<b>1993.....</b>						
	222.2	10,844	0.62	7.63	166.6	36.13
<b>Indonesia</b>						
<b>1994.....</b>						
	147.2	9,871	.09	1.10	143.0	28.24
<b>1995.....</b>						
	348.9	9,696	.31	1.16	143.8	27.88
<b>1996.....</b>						
	807.8	9,655	.29	1.48	149.7	28.91

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>Indonesia</b>						
1997.....	741.3	9,614	0.35	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.....	79.3	9,431	.14	1.00	130.0	24.52
<b>Total.....</b>	<b>79.3</b>	<b>9,431</b>	<b>.14</b>	<b>1.00</b>	<b>130.0</b>	<b>24.52</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
<b>Total.....</b>	<b>73.5</b>	<b>9,349</b>	<b>.28</b>	<b>1.10</b>	<b>163.3</b>	<b>30.53</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>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
1996.....	2,079.9	11,883	.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.....	468.2	11,743	.63	7.14	148.6	34.90
April - June.....	124.2	11,820	.66	7.30	146.7	34.68
<b>Total.....</b>	<b>592.4</b>	<b>11,759</b>	<b>.63</b>	<b>7.17</b>	<b>148.2</b>	<b>34.86</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>Total of U.S. Electric Utility Plants</b>						
<b>Indonesia</b>						
1993.....	115.8	10,620	0.22	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.....	79.3	9,431	.14	1.00	130.0	24.52
<b>Total.....</b>	<b>79.3</b>	<b>9,431</b>	<b>.14</b>	<b>1.00</b>	<b>130.0</b>	<b>24.52</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.....	611.0	13,112	.66	6.29	158.6	41.59
April - June.....	459.7	12,849	.83	6.75	154.2	39.63
July - September.....	719.1	12,741	.75	6.75	155.2	39.56
October - December.....	413.1	12,739	.69	6.75	158.9	40.49
<b>Total.....</b>	<b>2,202.9</b>	<b>12,866</b>	<b>.73</b>	<b>6.62</b>	<b>156.7</b>	<b>40.31</b>
<b>1999</b>						
January - March.....	633.3	12,471	.63	5.97	157.2	39.20
April - June.....	201.4	12,843	.69	6.51	144.4	37.09
<b>Total.....</b>	<b>834.7</b>	<b>12,561</b>	<b>.65</b>	<b>6.10</b>	<b>154.0</b>	<b>38.69</b>

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

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

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

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

**Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 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: 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>
<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.....	20.0	12,926	.72	7.20	137.4	35.52
West Virginia.....	342.0	12,520	.69	12.13	138.7	34.73
<b>Total .....</b>	<b>362.0</b>	<b>12,542</b>	<b>.70</b>	<b>11.86</b>	<b>138.6</b>	<b>34.77</b>
<b>Year to Date</b>						
Kentucky.....	121.0	12,994	.71	7.23	140.0	36.39
West Virginia.....	1,227.0	12,526	.69	12.20	138.3	34.66
<b>Total .....</b>	<b>1,348.0</b>	<b>12,568</b>	<b>.69</b>	<b>11.75</b>	<b>138.5</b>	<b>34.81</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>

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>						
January - March						
Wyoming .....	1,803.8	8,346	0.47	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 .....	608.5	8,297	.47	5.70	143.0	23.73
<b>Total</b> .....	<b>608.5</b>	<b>8,297</b>	<b>.47</b>	<b>5.70</b>	<b>143.0</b>	<b>23.73</b>
<b>Year to Date</b>						
Wyoming .....	2,412.3	8,333	.47	5.81	143.7	23.94
<b>Total</b> .....	<b>2,412.3</b>	<b>8,333</b>	<b>.47</b>	<b>5.81</b>	<b>143.7</b>	<b>23.94</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 .....	32.0	12,629	1.07	9.23	147.1	37.16
West Virginia .....	41.8	12,839	.85	9.45	166.4	42.73
<b>Total</b> .....	<b>73.8</b>	<b>12,748</b>	<b>.95</b>	<b>9.35</b>	<b>158.1</b>	<b>40.31</b>
<b>Year to Date</b>						
Kentucky .....	122.5	12,612	1.08	9.36	146.3	36.90
West Virginia .....	237.1	12,559	.92	11.55	161.5	40.55
<b>Total</b> .....	<b>359.6</b>	<b>12,577</b>	<b>.98</b>	<b>10.81</b>	<b>156.3</b>	<b>39.31</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>
<b>1995</b>						
Kentucky .....	308.8	12,859	.59	8.29	193.4	49.74
West Virginia .....	292.5	13,112	.67	7.87	198.7	52.11
Venezuela .....	28.2	13,281	.56	7.30	224.1	59.53
<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>

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>1996</b>						
Kentucky .....	462.4	12,822	0.65	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						
Venezuela .....	77.7	12,788	.68	6.45	157.5	40.28
<b>Total .....</b>	<b>77.7</b>	<b>12,788</b>	<b>.68</b>	<b>6.45</b>	<b>157.5</b>	<b>40.28</b>
<b>Year to Date</b>						
Kentucky.....	76.9	12,876	.65	8.21	171.7	44.23
Venezuela .....	260.2	12,892	.66	6.94	159.8	41.21
<b>Total .....</b>	<b>337.1</b>	<b>12,888</b>	<b>.66</b>	<b>7.23</b>	<b>162.5</b>	<b>41.90</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>
<b>1998</b>						
Wyoming.....	5,395.0	8,371	.34	5.95	97.1	16.26
Colombia.....	24.0	11,600	.33	3.80	200.6	46.54
Venezuela.....	43.0	12,179	.70	6.00	185.7	45.22
<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 .....	611.0	8,378	.36	5.73	97.7	16.37
<b>Total .....</b>	<b>611.0</b>	<b>8,378</b>	<b>.36</b>	<b>5.73</b>	<b>97.7</b>	<b>16.37</b>
<b>Year to Date</b>						
Wyoming.....	2,388.0	8,550	.35	5.81	97.8	16.72
<b>Total .....</b>	<b>2,388.0</b>	<b>8,550</b>	<b>.35</b>	<b>5.81</b>	<b>97.8</b>	<b>16.72</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>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.....	158.3	10,935	.39	6.93	145.3	31.77
Wyoming.....	89.6	8,667	.22	4.57	134.5	23.31
<b>Total</b> .....	<b>247.9</b>	<b>10,115</b>	<b>.33</b>	<b>6.08</b>	<b>141.9</b>	<b>28.71</b>
<b>Year to Date</b>						
Colorado.....	500.6	10,689	.40	6.22	144.0	30.78
Wyoming.....	475.5	8,676	.21	4.71	136.2	23.63
<b>Total</b> .....	<b>976.2</b>	<b>9,708</b>	<b>.31</b>	<b>5.49</b>	<b>140.6</b>	<b>27.30</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

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 &amp; Light, Edgemoor</b>						
<b>1997</b>						
<b>Total</b> .....	<b>505.2</b>	<b>12,877</b>	<b>0.79</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>						
January - March						
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>
April - June						
West Virginia .....	40.0	12,248	.71	13.50	157.8	38.65
<b>Total</b> .....	<b>40.0</b>	<b>12,248</b>	<b>.71</b>	<b>13.50</b>	<b>157.8</b>	<b>38.65</b>
<b>Year to Date</b>						
West Virginia .....	86.5	12,379	.73	12.66	157.6	39.03
<b>Total</b> .....	<b>86.5</b>	<b>12,379</b>	<b>.73</b>	<b>12.66</b>	<b>157.6</b>	<b>39.03</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>
<b>1994</b>						
Kentucky .....	29.4	12,899	.59	6.90	179.3	46.25
Maryland .....	125.0	13,164	1.44	10.23	147.9	38.95
Pennsylvania .....	251.2	13,004	1.29	8.96	161.1	41.89
Virginia .....	56.5	13,125	.76	7.30	180.8	47.45
West Virginia .....	1,146.2	12,858	.88	9.45	164.4	42.27
<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 .....	7.6	12,943	1.52	9.70	146.0	37.79
Pennsylvania .....	20.0	13,371	1.25	6.40	143.3	38.32
<b>Total</b> .....	<b>27.6</b>	<b>13,253</b>	<b>1.32</b>	<b>7.31</b>	<b>144.0</b>	<b>38.18</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>1999</b>						
<b>Year to Date</b>						
Maryland.....	7.6	12,943	1.52	9.70	146.0	37.79
Pennsylvania.....	83.5	13,251	1.39	6.44	143.6	38.05
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>127.1</b>	<b>13,161</b>	<b>1.20</b>	<b>7.78</b>	<b>150.8</b>	<b>39.70</b>
<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>						
<b>January - March</b>						
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>
<b>April - June</b>						
Pennsylvania.....	39.0	13,255	1.33	6.80	125.0	33.14
Wyoming.....	75.0	8,751	.29	5.14	102.7	17.97
<b>Total.....</b>	<b>114.0</b>	<b>10,292</b>	<b>.65</b>	<b>5.71</b>	<b>112.5</b>	<b>23.16</b>
<b>Year to Date</b>						
Kentucky.....	20.0	13,013	1.05	7.50	133.2	34.67
Pennsylvania.....	173.0	13,262	1.42	6.64	129.7	34.40
Wyoming.....	353.0	8,768	.29	5.08	102.8	18.03
<b>Total.....</b>	<b>546.0</b>	<b>10,347</b>	<b>.68</b>	<b>5.66</b>	<b>115.1</b>	<b>23.83</b>
<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>

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>1994</b>						
Kentucky .....	677.2	12,429	0.83	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.....	70.9	12,648	.66	8.57	164.8	41.68
West Virginia.....	83.0	12,539	.71	10.03	173.4	43.49
<b>Total .....</b>	<b>153.9</b>	<b>12,589</b>	<b>.69</b>	<b>9.36</b>	<b>169.4</b>	<b>42.65</b>
<b>Year to Date</b>						
Kentucky.....	319.5	12,638	.69	8.67	167.4	42.32
West Virginia.....	370.5	12,496	.71	10.15	172.3	43.06
Venezuela.....	60.8	12,843	.73	6.23	187.6	48.20
<b>Total .....</b>	<b>750.8</b>	<b>12,584</b>	<b>.70</b>	<b>9.20</b>	<b>171.5</b>	<b>43.16</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>
<b>1995</b>						
Illinois.....	796.8	12,346	.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

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>1997</b>						
West Virginia.....	310.8	12,231	0.93	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 .....	160.5	12,207	1.76	6.02	139.5	34.06
Venezuela .....	9.0	12,663	.67	6.60	146.4	37.08
<b>Total .....</b>	<b>169.5</b>	<b>12,231</b>	<b>1.71</b>	<b>6.05</b>	<b>139.9</b>	<b>34.22</b>
<b>Year to Date</b>						
Illinois .....	653.5	12,103	1.08	6.16	141.1	34.16
Venezuela .....	70.0	12,625	.67	6.62	146.5	36.98
<b>Total .....</b>	<b>723.5</b>	<b>12,153</b>	<b>1.04</b>	<b>6.21</b>	<b>141.6</b>	<b>34.43</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>
<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.....	8.4	12,909	.89	7.20	169.1	43.66
<b>Total .....</b>	<b>8.4</b>	<b>12,909</b>	<b>.89</b>	<b>7.20</b>	<b>169.1</b>	<b>43.66</b>
<b>Year to Date</b>						
Kentucky.....	72.4	12,643	1.03	8.63	168.7	42.65
<b>Total .....</b>	<b>72.4</b>	<b>12,643</b>	<b>1.03</b>	<b>8.63</b>	<b>168.7</b>	<b>42.65</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>

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>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 .....	30.1	11,937	2.29	14.40	133.3	31.82
Illinois .....	38.3	12,194	2.83	8.60	132.8	32.39
Kentucky .....	12.7	12,191	2.58	9.05	133.5	32.54
<b>Total .....</b>	<b>81.1</b>	<b>12,098</b>	<b>2.59</b>	<b>10.82</b>	<b>133.1</b>	<b>32.20</b>
<b>Year to Date</b>						
Alabama .....	66.2	11,954	2.29	14.13	132.9	31.78
Illinois .....	222.0	12,327	2.74	8.69	134.7	33.20
Kentucky .....	77.1	11,920	2.69	10.10	134.9	32.15
<b>Total .....</b>	<b>365.3</b>	<b>12,173</b>	<b>2.65</b>	<b>9.97</b>	<b>134.4</b>	<b>32.72</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>

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>1997</b>						
Kentucky .....	126.8	13,006	0.55	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 .....	15.6	13,246	.48	6.80	185.0	49.00
Pennsylvania .....	8.0	13,419	1.28	6.20	157.9	42.39
West Virginia .....	8.6	12,934	.91	8.30	167.7	43.39
<b>Total .....</b>	<b>32.2</b>	<b>13,206</b>	<b>.79</b>	<b>7.05</b>	<b>173.6</b>	<b>45.86</b>
<b>Year to Date</b>						
Kentucky .....	39.3	13,158	.52	7.08	188.5	49.60
Pennsylvania .....	24.0	13,283	1.10	6.73	169.0	44.88
West Virginia .....	16.9	13,027	1.21	7.17	164.6	42.90
<b>Total .....</b>	<b>80.2</b>	<b>13,168</b>	<b>.84</b>	<b>6.99</b>	<b>177.6</b>	<b>46.78</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>						
January - March						
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>

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: Jacksonville Electric Authority, St Johns River</b>						
<b>1999</b>						
April - June						
Kentucky.....	168.6	12,690	1.46	9.35	172.6	43.80
Colombia.....	124.2	11,820	.66	7.30	146.7	34.68
<b>Total</b> .....	<b>292.8</b>	<b>12,321</b>	<b>1.12</b>	<b>8.48</b>	<b>162.1</b>	<b>39.93</b>
<b>Year to Date</b>						
Kentucky.....	487.9	12,621	1.35	9.98	173.0	43.65
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	530.7	11,802	.66	7.30	147.3	34.76
<b>Total</b> .....	<b>1,081.5</b>	<b>12,154</b>	<b>.97</b>	<b>8.77</b>	<b>158.0</b>	<b>38.42</b>
<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>
<b>Year to Date</b>						
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>
<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 .....	121.7	11,353	.46	9.70	158.4	35.97
Montana .....	176.2	9,391	.37	4.60	147.6	27.72
<b>Total .....</b>	<b>297.9</b>	<b>10,192</b>	<b>.41</b>	<b>6.68</b>	<b>152.5</b>	<b>31.09</b>
<b>Year to Date</b>						
Colorado .....	189.7	11,318	.46	9.81	158.7	35.93
Montana .....	734.7	9,406	.37	4.60	147.3	27.72
Colombia.....	61.8	11,385	.43	6.10	156.6	35.66
<b>Total .....</b>	<b>986.1</b>	<b>9,898</b>	<b>.39</b>	<b>5.70</b>	<b>150.5</b>	<b>29.79</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
Venezuela .....	15.6	12,165	.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 .....	97.7	12,477	2.01	7.81	136.6	34.08
Wyoming.....	20.5	8,618	.44	5.60	136.8	23.58
Colombia.....	81.0	11,811	.50	4.30	147.1	34.75
<b>Total .....</b>	<b>199.2</b>	<b>11,809</b>	<b>1.23</b>	<b>6.16</b>	<b>140.9</b>	<b>33.27</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: Mississippi Power (Southern Co), Watson</b>						
<b>1999</b>						
<b>Year to Date</b>						
Illinois.....	467.3	12,185	1.53	7.41	139.9	34.10
Kentucky.....	4.3	12,001	2.44	7.40	115.0	27.60
Wyoming.....	152.9	8,690	.42	5.52	135.4	23.52
Colombia.....	197.9	11,842	.48	4.11	147.1	34.84
Venezuela.....	15.6	12,165	.75	7.60	142.5	34.67
<b>Total.....</b>	<b>838.0</b>	<b>11,465</b>	<b>1.07</b>	<b>6.29</b>	<b>141.0</b>	<b>32.32</b>
<b>Company and Plant: Montaup Electric, Somerset</b>						
<b>1993</b>						
Kentucky.....	113.6	12,903	1.00	7.88	178.1	45.97
<b>Total.....</b>	<b>113.6</b>	<b>12,903</b>	<b>1.00</b>	<b>7.88</b>	<b>178.1</b>	<b>45.97</b>
<b>1994</b>						
Kentucky.....	43.7	12,429	.63	8.74	197.7	49.14
West Virginia.....	189.1	12,931	.73	8.39	178.8	46.23
<b>Total.....</b>	<b>232.8</b>	<b>12,836</b>	<b>.71</b>	<b>8.45</b>	<b>182.2</b>	<b>46.78</b>
<b>1995</b>						
Kentucky.....	115.8	12,838	.67	7.90	178.4	45.79
West Virginia.....	157.7	12,840	.76	7.42	177.9	45.68
<b>Total.....</b>	<b>273.5</b>	<b>12,839</b>	<b>.72</b>	<b>7.62</b>	<b>178.1</b>	<b>45.73</b>
<b>1996</b>						
Kentucky.....	55.6	12,622	.77	7.03	180.4	45.53
West Virginia.....	193.0	12,799	.76	7.30	180.1	46.11
<b>Total.....</b>	<b>248.6</b>	<b>12,759</b>	<b>.77</b>	<b>7.24</b>	<b>180.2</b>	<b>45.98</b>
<b>1997</b>						
West Virginia.....	279.3	12,710	.74	7.68	179.3	45.58
<b>Total.....</b>	<b>279.3</b>	<b>12,710</b>	<b>.74</b>	<b>7.68</b>	<b>179.3</b>	<b>45.58</b>
<b>1998</b>						
Kentucky.....	29.4	12,666	.71	7.90	177.2	44.90
West Virginia.....	278.3	12,699	.73	7.88	179.8	45.65
<b>Total.....</b>	<b>307.7</b>	<b>12,696</b>	<b>.73</b>	<b>7.88</b>	<b>179.5</b>	<b>45.58</b>
<b>1999</b>						
January - March						
Kentucky.....	13.8	12,713	.65	6.60	145.9	37.10
West Virginia.....	27.7	12,811	.68	8.30	177.4	45.45
<b>Total.....</b>	<b>41.5</b>	<b>12,778</b>	<b>.67</b>	<b>7.74</b>	<b>167.0</b>	<b>42.67</b>
April - June						
West Virginia.....	28.6	13,056	.66	8.34	179.8	46.95
<b>Total.....</b>	<b>28.6</b>	<b>13,056</b>	<b>.66</b>	<b>8.34</b>	<b>179.8</b>	<b>46.95</b>
<b>Year to Date</b>						
Kentucky.....	13.8	12,713	.65	6.60	145.9	37.10
West Virginia.....	56.3	12,935	.67	8.32	178.6	46.22
<b>Total.....</b>	<b>70.1</b>	<b>12,891</b>	<b>.67</b>	<b>7.98</b>	<b>172.3</b>	<b>44.42</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>

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), Brayton Point</b>						
<b>1996</b>						
Kentucky.....	262.9	12,628	0.70	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>
<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: Ohio Edison, Burger Plant</b>						
<b>1993</b>						
Kentucky.....	6.1	12,223	0.88	10.70	110.4	26.99
Ohio.....	1,151.5	12,135	3.57	11.37	102.2	24.81
Pennsylvania.....	99.9	11,842	3.41	11.82	92.0	21.79
<b>Total</b> .....	<b>1,257.5</b>	<b>12,113</b>	<b>3.55</b>	<b>11.41</b>	<b>101.5</b>	<b>24.58</b>
<b>1994</b>						
Ohio.....	937.8	12,266	3.58	10.63	99.0	24.28
Pennsylvania.....	63.6	11,942	2.80	11.52	105.5	25.20
West Virginia.....	1.5	11,112	4.48	17.60	112.7	25.05
<b>Total</b> .....	<b>1,002.9</b>	<b>12,244</b>	<b>3.53</b>	<b>10.69</b>	<b>99.4</b>	<b>24.34</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: Ohio Edison, Burger Plant</b>						
<b>1995</b>						
Ohio.....	225.7	12,444	3.78	10.17	95.2	23.68
Pennsylvania .....	179.8	12,635	2.41	10.26	93.0	23.49
West Virginia.....	158.1	12,320	2.49	11.49	90.5	22.29
<b>Total .....</b>	<b>563.6</b>	<b>12,470</b>	<b>2.98</b>	<b>10.57</b>	<b>93.1</b>	<b>23.23</b>
<b>1996</b>						
Ohio.....	2.3	11,043	2.57	10.80	72.6	16.03
Pennsylvania .....	33.4	11,981	3.38	11.11	77.5	18.56
West Virginia.....	942.8	12,323	3.69	9.65	81.9	20.18
<b>Total .....</b>	<b>978.5</b>	<b>12,308</b>	<b>3.68</b>	<b>9.70</b>	<b>81.7</b>	<b>20.11</b>
<b>1997</b>						
Kentucky .....	30.3	11,362	.70	12.77	108.4	24.63
Ohio.....	201.5	11,728	3.06	12.49	92.6	21.73
Pennsylvania .....	199.4	10,651	2.14	20.27	89.6	19.09
West Virginia.....	420.0	11,619	2.16	15.77	88.4	20.55
<b>Total .....</b>	<b>851.2</b>	<b>11,409</b>	<b>2.32</b>	<b>15.94</b>	<b>90.4</b>	<b>20.63</b>
<b>1998</b>						
Ohio.....	386.3	12,303	3.55	10.63	92.0	22.63
Pennsylvania .....	209.8	13,251	2.08	7.41	101.4	26.88
West Virginia.....	117.2	11,834	1.33	14.67	105.4	24.94
<b>Total .....</b>	<b>713.3</b>	<b>12,505</b>	<b>2.75</b>	<b>10.34</b>	<b>97.0</b>	<b>24.26</b>
<b>1999</b>						
January - March						
Ohio .....	68.0	12,306	3.35	10.30	91.0	22.41
Pennsylvania .....	47.5	13,212	2.24	6.56	94.7	25.03
West Virginia.....	48.0	11,910	.96	14.11	118.0	28.10
<b>Total .....</b>	<b>163.5</b>	<b>12,453</b>	<b>2.33</b>	<b>10.33</b>	<b>99.7</b>	<b>24.84</b>
April - June						
Ohio .....	61.6	12,465	4.01	9.65	87.8	21.89
Pennsylvania .....	6.1	13,126	1.28	6.80	111.5	29.27
<b>Total .....</b>	<b>67.7</b>	<b>12,525</b>	<b>3.77</b>	<b>9.39</b>	<b>90.0</b>	<b>22.55</b>
<b>Year to Date</b>						
Ohio .....	129.6	12,382	3.67	9.99	89.5	22.16
Pennsylvania .....	53.6	13,202	2.13	6.59	96.6	25.51
West Virginia.....	48.0	11,910	.96	14.11	118.0	28.10
<b>Total .....</b>	<b>231.2</b>	<b>12,474</b>	<b>2.75</b>	<b>10.06</b>	<b>96.9</b>	<b>24.17</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

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>1997</b>						
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>
<b>1998</b>						
Illinois .....	38.2	11,958	.80	5.15	125.5	30.01
Indiana .....	18.5	11,020	1.39	9.49	109.5	24.14
Kentucky .....	3.3	11,461	1.15	13.50	114.7	26.29
Pennsylvania .....	635.9	13,109	2.08	7.57	105.9	27.76
West Virginia .....	510.4	13,273	2.25	6.84	106.1	28.17
<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 .....	43.8	11,189	1.63	10.00	108.4	24.26
Indiana .....	6.7	11,115	1.51	10.10	110.0	24.45
Pennsylvania .....	23.0	13,130	2.33	7.60	110.3	28.96
West Virginia .....	39.4	13,321	2.29	6.70	118.8	31.65
<b>Total .....</b>	<b>112.9</b>	<b>12,324</b>	<b>2.00</b>	<b>8.37</b>	<b>112.8</b>	<b>27.81</b>
<b>Year to Date</b>						
Illinois .....	51.5	11,230	1.62	9.72	107.1	24.07
Indiana .....	46.8	11,067	1.50	9.50	110.4	24.42
Kentucky .....	3.3	12,096	1.50	10.10	108.1	26.15
Pennsylvania .....	112.0	13,034	2.31	7.43	110.0	28.67
West Virginia .....	183.8	13,188	2.33	6.67	134.2	35.40
<b>Total .....</b>	<b>397.4</b>	<b>12,632</b>	<b>2.13</b>	<b>7.64</b>	<b>121.4</b>	<b>30.66</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>
<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>

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>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.....	56.3	13,241	1.53	7.11	162.4	43.00
West Virginia.....	9.2	13,355	2.22	6.60	160.4	42.84
<b>Total.....</b>	<b>65.5</b>	<b>13,257</b>	<b>1.63</b>	<b>7.04</b>	<b>162.1</b>	<b>42.98</b>
<b>Year to Date</b>						
Kentucky.....	9.6	13,360	2.54	6.80	160.3	42.84
Pennsylvania.....	212.5	13,270	1.53	6.76	160.5	42.60
West Virginia.....	47.7	13,339	2.25	6.74	155.5	41.48
<b>Total.....</b>	<b>269.7</b>	<b>13,285</b>	<b>1.70</b>	<b>6.76</b>	<b>159.6</b>	<b>42.41</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>
<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.....	38.3	12,846	.69	5.81	150.0	38.54
<b>Total.....</b>	<b>38.3</b>	<b>12,846</b>	<b>.69</b>	<b>5.81</b>	<b>150.0</b>	<b>38.54</b>
<b>Year to Date</b>						
Pennsylvania.....	13.3	13,064	1.88	7.30	155.6	40.65
Venezuela.....	152.2	13,094	.66	5.35	147.9	38.74
<b>Total.....</b>	<b>165.5</b>	<b>13,092</b>	<b>.76</b>	<b>5.51</b>	<b>148.6</b>	<b>38.90</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>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 .....	38.2	13,970	.71	5.20	139.2	38.89
West Virginia.....	40.8	13,970	.71	5.20	139.2	38.89
<b>Total .....</b>	<b>79.0</b>	<b>13,970</b>	<b>.71</b>	<b>5.20</b>	<b>139.2</b>	<b>38.89</b>
<b>Year to Date</b>						
Virginia .....	126.8	13,864	.72	5.66	139.9	38.79
West Virginia.....	143.8	13,834	.72	5.73	140.0	38.73
<b>Total .....</b>	<b>270.6</b>	<b>13,848</b>	<b>.72</b>	<b>5.70</b>	<b>139.9</b>	<b>38.76</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>

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-NJ, Hudson</b>						
<b>1999</b>						
January - March						
Kentucky.....	60.8	12,814	0.78	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>
April - June						
Kentucky.....	19.5	12,784	.79	9.10	147.7	37.76
West Virginia.....	82.2	12,592	.90	11.10	141.4	35.62
<b>Total.....</b>	<b>101.7</b>	<b>12,629</b>	<b>.88</b>	<b>10.72</b>	<b>142.7</b>	<b>36.03</b>
<b>Year to Date</b>						
Kentucky.....	80.3	12,807	.78	9.04	146.9	37.62
West Virginia.....	285.0	12,567	.90	11.60	140.0	35.18
<b>Total.....</b>	<b>365.3</b>	<b>12,619</b>	<b>.87</b>	<b>11.04</b>	<b>141.5</b>	<b>35.72</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>
<b>1995</b>						
Kentucky.....	9.9	11,801	.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.....	76.4	12,918	.70	6.90	128.2	33.12
<b>Total.....</b>	<b>76.4</b>	<b>12,918</b>	<b>.70</b>	<b>6.90</b>	<b>128.2</b>	<b>33.12</b>
<b>Year to Date</b>						
Venezuela.....	183.0	12,629	.73	7.54	136.4	34.46
<b>Total.....</b>	<b>183.0</b>	<b>12,629</b>	<b>.73</b>	<b>7.54</b>	<b>136.4</b>	<b>34.46</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>

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: Takoma Dept. of Public Utilities, Steam No.2</b>						
<b>1996</b>						
Montana .....	3.9	9,516	0.50	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, Big Bend</b>						
<b>1993</b>						
Illinois .....	35.2	11,194	0.82	11.00	185.1	41.44
<b>Total .....</b>	<b>35.2</b>	<b>11,194</b>	<b>.82</b>	<b>11.00</b>	<b>185.1</b>	<b>41.44</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
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>

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>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.....	289.7	11,950	2.30	8.36	151.0	36.09
Kentucky.....	90.1	11,431	2.83	9.11	123.5	28.22
West Virginia.....	26.5	13,247	2.70	7.80	128.9	34.15
Wyoming.....	29.0	8,653	.21	4.70	124.3	21.51
Indonesia.....	79.3	9,431	.14	1.00	130.0	24.52
<b>Total .....</b>	<b>514.6</b>	<b>11,351</b>	<b>1.96</b>	<b>7.12</b>	<b>141.0</b>	<b>32.01</b>
<b>Year to Date</b>						
Illinois.....	1,400.0	12,026	2.25	8.32	149.6	35.99
Kentucky.....	600.0	11,644	2.79	7.88	124.9	29.09
West Virginia.....	26.5	13,247	2.70	7.80	128.9	34.15
Wyoming.....	100.7	8,738	.22	4.57	124.0	21.67
Indonesia.....	79.3	9,431	.14	1.00	130.0	24.52
Venezuela.....	73.5	9,349	.28	1.10	163.3	30.53
<b>Total .....</b>	<b>2,280.0</b>	<b>11,618</b>	<b>2.17</b>	<b>7.54</b>	<b>141.8</b>	<b>32.95</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>

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>						
Alabama .....	72.3	12,337	2.09	11.73	191.1	47.15
Colorado .....	1,947.6	10,661	.40	6.86	198.9	42.40
Illinois .....	3,596.4	11,738	2.56	8.43	174.6	40.99
Indiana .....	485.4	11,003	2.15	8.88	136.5	30.05
Kentucky .....	9,134.0	12,697	1.33	8.12	174.0	44.19
Maryland .....	56.2	13,015	1.30	9.55	161.4	42.00
Montana .....	187.7	9,428	.39	4.58	160.4	30.24
Ohio .....	1,151.5	12,135	3.57	11.37	102.2	24.81
Pennsylvania .....	1,451.4	13,093	1.79	7.35	156.7	41.04
Tennessee .....	304.6	12,740	1.12	7.02	203.7	51.89
Utah .....	186.5	11,586	.35	8.25	156.1	36.17
Virginia .....	435.8	12,995	.94	8.99	186.8	48.56
Washington .....	2.2	10,967	.70	14.47	163.5	35.87
West Virginia .....	8,787.9	12,904	1.03	8.97	167.0	43.10
Wyoming .....	11,393.1	8,389	.38	5.24	134.5	22.56
Canada .....	29.2	10,036	.48	12.60	179.5	36.03
Colombia .....	3,585.1	11,867	.66	6.85	149.0	35.37
Indonesia .....	115.8	10,620	.22	2.07	166.1	35.29
Venezuela .....	897.5	12,874	.67	6.96	166.4	42.84
<b>Total .....</b>	<b>43,820.3</b>	<b>11,342</b>	<b>1.08</b>	<b>7.43</b>	<b>160.7</b>	<b>36.46</b>
<b>1994</b>						
Alabama .....	1.5	12,241	2.87	10.00	204.1	49.97
Colorado .....	2,861.0	11,189	.42	8.16	181.7	40.67
Illinois .....	4,198.2	11,616	2.44	8.40	164.4	38.19
Indiana .....	326.8	11,062	1.82	8.77	121.5	26.88
Kentucky .....	8,908.6	12,635	1.37	8.25	176.8	44.67
Maryland .....	138.3	13,155	1.38	9.85	149.9	39.43
Montana .....	1,314.8	9,404	.40	4.78	138.8	26.11
Ohio .....	937.8	12,266	3.58	10.63	99.0	24.28
Pennsylvania .....	1,992.6	13,125	1.76	7.34	144.5	37.94
Tennessee .....	276.1	12,628	1.14	7.43	215.3	54.38
Virginia .....	127.7	12,926	.87	8.50	173.6	44.89
Washington .....	3.3	10,865	.72	13.30	165.3	35.91
West Virginia .....	10,671.9	12,732	.95	9.58	165.3	42.08
Wyoming .....	10,628.8	8,440	.35	5.15	133.6	22.55
Canada .....	63.3	10,885	.26	10.53	152.4	33.19
Colombia .....	2,971.8	11,997	.66	6.76	142.7	34.25
Indonesia .....	437.3	10,499	.22	1.82	157.4	33.06
South Africa .....	127.3	11,318	.65	12.60	181.1	41.00
Venezuela .....	1,355.2	12,649	.76	6.61	172.3	43.60
<b>Total .....</b>	<b>47,342.4</b>	<b>11,387</b>	<b>1.04</b>	<b>7.59</b>	<b>159.0</b>	<b>36.20</b>
<b>1995</b>						
Colorado .....	3,552.8	11,471	.42	8.39	170.5	39.12
Illinois .....	4,594.4	11,754	1.95	7.81	170.7	40.12
Indiana .....	133.3	11,064	1.31	9.65	116.2	25.72
Kentucky .....	8,569.5	12,623	1.27	8.01	165.8	41.86
Maryland .....	265.8	13,113	1.29	9.87	151.1	39.62
Montana .....	1,273.3	9,400	.38	4.43	140.1	26.34
Ohio .....	225.7	12,444	3.78	10.17	95.2	23.68
Pennsylvania .....	2,051.9	13,140	1.78	7.51	137.1	36.04
Tennessee .....	120.2	12,565	1.12	8.66	229.2	57.59
Texas .....	40.0	10,540	1.03	21.69	120.2	25.33
Virginia .....	172.6	13,245	.93	8.77	162.0	42.92
West Virginia .....	8,366.4	12,623	.81	10.13	162.4	40.99
Wyoming .....	11,861.9	8,453	.35	5.32	134.3	22.71
Canada .....	23.8	10,066	.47	13.14	166.0	33.42
Colombia .....	2,040.1	11,985	.65	6.83	153.9	36.89
Indonesia .....	428.6	10,181	.35	1.79	149.2	30.37
Venezuela .....	1,905.7	12,610	.79	6.57	194.1	48.95
<b>Total .....</b>	<b>45,625.9</b>	<b>11,239</b>	<b>.90</b>	<b>7.46</b>	<b>157.8</b>	<b>35.48</b>
<b>1996</b>						
Colorado .....	2,481.0	10,807	.41	6.64	143.1	30.94
Illinois .....	5,346.5	11,951	2.04	7.42	171.3	40.95
Indiana .....	18.1	11,256	1.58	7.15	97.7	21.99
Kentucky .....	10,037.7	12,543	1.34	8.53	162.6	40.80
Maryland .....	277.2	13,143	1.37	9.31	150.2	39.49
Montana .....	2,167.2	9,394	.40	4.48	141.1	26.51

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>						
Ohio.....	2.3	11,043	2.57	10.80	72.6	16.03
Pennsylvania.....	1,940.2	13,163	1.75	7.34	142.7	37.56
Virginia.....	17.9	14,102	.74	5.76	201.2	56.74
West Virginia.....	10,499.4	12,578	1.07	10.23	153.6	38.63
Wyoming.....	12,299.2	8,456	.37	5.55	130.7	22.11
Canada.....	18.0	9,861	.44	12.97	174.6	34.44
Colombia.....	2,079.9	11,883	.64	7.04	155.7	37.01
Indonesia.....	833.7	9,741	.31	1.68	150.2	29.26
Venezuela.....	1,767.6	12,686	.77	6.14	171.7	43.58
<b>Total</b> .....	<b>49,786.0</b>	<b>11,211</b>	<b>.98</b>	<b>7.46</b>	<b>152.7</b>	<b>34.24</b>
<b>1997</b>						
Alabama.....	362.4	11,887	2.03	13.36	177.4	42.18
Colorado.....	1,531.4	10,289	.38	6.11	135.8	27.95
Illinois.....	4,586.4	11,966	1.99	8.03	172.4	41.26
Indiana.....	10.0	11,077	1.51	8.06	135.2	29.96
Kentucky.....	8,984.0	12,435	1.52	9.00	162.8	40.48
Maryland.....	160.8	13,158	1.46	9.17	147.8	38.89
Montana.....	3,221.3	9,323	.39	4.56	145.5	27.13
Ohio.....	201.5	11,728	3.06	12.49	92.6	21.73
Pennsylvania.....	2,507.1	12,966	1.70	8.40	139.6	36.21
Virginia.....	201.4	13,250	.88	8.73	160.1	42.43
Washington.....	1.5	10,616	.70	17.57	154.0	32.71
West Virginia.....	10,051.5	12,602	.91	10.55	156.8	39.53
Wyoming.....	12,440.9	8,464	.41	5.54	128.6	21.76
Canada.....	9.6	10,144	.43	12.25	171.4	34.79
Colombia.....	2,744.4	12,026	.70	6.71	158.8	38.18
Indonesia.....	782.0	9,754	.36	1.60	164.6	32.10
Venezuela.....	1,335.1	12,722	.83	6.40	158.7	40.38
<b>Total</b> .....	<b>49,131.3</b>	<b>11,116</b>	<b>.98</b>	<b>7.67</b>	<b>152.1</b>	<b>33.81</b>
<b>1998</b>						
Alabama.....	128.7	12,671	1.05	10.01	160.0	40.55
Colorado.....	1,401.4	10,529	.39	6.20	142.4	30.00
Illinois.....	5,790.4	12,038	2.02	8.03	154.4	37.18
Indiana.....	48.9	10,923	2.41	9.93	119.2	26.05
Kentucky.....	8,886.8	12,472	1.44	8.64	157.0	39.16
Maryland.....	170.1	13,222	1.47	8.91	146.3	38.69
Montana.....	2,831.1	9,412	.37	4.46	147.2	27.70
Ohio.....	386.3	12,303	3.55	10.63	92.0	22.63
Pennsylvania.....	2,563.2	13,168	1.65	7.20	137.3	36.17
Virginia.....	145.1	13,642	.80	6.14	176.6	48.19
Washington.....	.9	10,800	.73	66.06	165.5	35.74
West Virginia.....	9,099.0	12,611	.89	10.54	151.4	38.19
Wyoming.....	14,733.8	8,466	.39	5.53	123.2	20.87
Colombia.....	2,530.1	12,002	.65	6.40	152.4	36.57
Indonesia.....	899.5	9,505	.17	1.01	167.3	31.80
Venezuela.....	2,202.9	12,866	.73	6.62	156.7	40.31
<b>Total</b> .....	<b>51,818.4</b>	<b>11,069</b>	<b>.95</b>	<b>7.34</b>	<b>145.6</b>	<b>32.23</b>
<b>1999</b>						
January - March						
Alabama.....	36.1	11,968	2.28	13.90	132.6	31.75
Colorado.....	410.3	10,688	.41	6.58	146.2	31.24
Illinois.....	1,794.8	12,081	1.91	7.77	145.5	35.15
Indiana.....	40.1	11,059	1.50	9.39	110.4	24.42
Kentucky.....	1,733.9	12,390	1.59	8.60	152.9	37.89
Montana.....	558.5	9,411	.37	4.60	147.2	27.71
Ohio.....	68.0	12,306	3.35	10.30	91.0	22.41
Pennsylvania.....	519.5	13,208	1.69	6.75	136.4	36.02
Virginia.....	12.1	13,689	.76	5.73	180.3	49.37
West Virginia.....	1,907.9	12,577	.91	11.28	147.0	36.97
Wyoming.....	4,316.3	8,518	.38	5.67	121.0	20.61
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	468.2	11,743	.63	7.14	148.6	34.90
Venezuela.....	633.3	12,471	.63	5.97	157.2	39.20
<b>Total</b> .....	<b>12,562.0</b>	<b>10,861</b>	<b>.95</b>	<b>7.42</b>	<b>140.2</b>	<b>30.45</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>Total of U.S. Electric Utility Plants</b>						
<b>1999</b>						
April - June						
Alabama .....	30.1	11,937	2.29	14.40	133.3	31.82
Colorado .....	280.0	11,117	.42	8.14	151.1	33.59
Illinois .....	532.3	11,982	2.12	7.81	142.9	34.24
Indiana .....	6.7	11,115	1.51	10.10	110.0	24.45
Kentucky.....	437.8	12,444	1.51	8.92	156.6	38.98
Maryland.....	7.6	12,943	1.52	9.70	146.0	37.79
Montana .....	176.2	9,391	.37	4.60	147.6	27.72
Ohio .....	61.6	12,465	4.01	9.65	87.8	21.89
Pennsylvania.....	152.4	13,250	1.54	6.95	140.2	37.16
West Virginia .....	701.2	12,644	.92	10.94	146.7	37.09
Wyoming.....	1,413.2	8,387	.39	5.59	120.2	20.17
Colombia.....	124.2	11,820	.66	7.30	146.7	34.68
Indonesia.....	79.3	9,431	.14	1.00	130.0	24.52
Venezuela .....	201.4	12,843	.69	6.51	144.4	37.09
<b>Total .....</b>	<b>4,204.1</b>	<b>10,807</b>	<b>.95</b>	<b>7.43</b>	<b>138.9</b>	<b>30.03</b>
<b>Year to Date</b>						
Alabama .....	66.2	11,954	2.29	14.13	132.9	31.78
Colorado .....	690.3	10,862	.41	7.21	148.2	32.20
Illinois .....	2,327.1	12,059	1.96	7.78	144.9	34.94
Indiana .....	46.8	11,067	1.50	9.50	110.4	24.42
Kentucky.....	2,171.7	12,401	1.57	8.67	153.6	38.11
Maryland.....	7.6	12,943	1.52	9.70	146.0	37.79
Montana .....	734.7	9,406	.37	4.60	147.3	27.72
Ohio .....	129.6	12,382	3.67	9.99	89.5	22.16
Pennsylvania.....	671.9	13,217	1.66	6.79	137.2	36.28
Virginia .....	12.1	13,689	.76	5.73	180.3	49.37
West Virginia .....	2,609.2	12,595	.91	11.19	146.9	37.00
Wyoming.....	5,729.6	8,486	.38	5.65	120.8	20.50
Australia.....	62.9	11,506	.67	11.80	124.2	28.58
Colombia.....	592.4	11,759	.63	7.17	148.2	34.86
Indonesia.....	79.3	9,431	.14	1.00	130.0	24.52
Venezuela .....	834.7	12,561	.65	6.10	154.0	38.69
<b>Total .....</b>	<b>16,766.1</b>	<b>10,847</b>	<b>.95</b>	<b>7.42</b>	<b>139.9</b>	<b>30.34</b>

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

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

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

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 (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>1994</b>						
Wyoming.....	117.8	8,746	0.28	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>
<b>Year to Date</b>						
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>
<b>Company and Plant: United Illuminating Co, Bridgeport Harbor</b>						
<b>1990</b>						
Kentucky.....	954.0	13,233	0.54	6.36	212.9	56.35
<b>Total</b> .....	<b>954.0</b>	<b>13,233</b>	<b>.54</b>	<b>6.36</b>	<b>212.9</b>	<b>56.35</b>
<b>1991</b>						
Kentucky.....	871.0	13,238	.55	6.07	216.6	57.35
<b>Total</b> .....	<b>871.0</b>	<b>13,238</b>	<b>.55</b>	<b>6.07</b>	<b>216.6</b>	<b>57.35</b>
<b>1992</b>						
Kentucky.....	772.0	13,162	.55	6.25	195.5	51.47
West Virginia.....	21.0	13,351	.67	6.20	168.9	45.10
<b>Total</b> .....	<b>793.0</b>	<b>13,167</b>	<b>.55</b>	<b>6.25</b>	<b>194.8</b>	<b>51.30</b>
<b>1993</b>						
Kentucky.....	665.0	13,113	.54	7.02	170.6	44.74
West Virginia.....	75.0	13,426	.67	6.33	168.6	45.29
<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>

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: United Illuminating Co, Bridgeport Harbor</b>						
<b>1994</b>						
Kentucky .....	809.0	13,080	0.53	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>Total of U.S. Electric Utility Plants</b>						
<b>1990</b>						
Colorado .....	1,828.8	10,588	0.38	6.30	206.0	43.63
Illinois .....	2,989.3	11,642	2.81	8.84	205.5	47.84
Indiana .....	1,481.5	11,025	2.59	9.04	127.3	28.07
Kentucky .....	11,304.7	12,623	1.49	7.98	179.6	45.34
Maryland .....	61.0	13,403	1.16	8.53	170.8	45.79
Ohio .....	1,011.1	11,825	3.08	12.03	111.0	26.25
Pennsylvania .....	1,843.3	12,943	1.52	8.43	169.6	43.90
Tennessee .....	126.3	12,780	1.11	6.60	215.2	55.00
Virginia .....	2,252.1	13,127	1.12	7.85	175.5	46.07
West Virginia .....	9,247.6	12,906	1.09	9.02	175.7	45.34
Wyoming .....	7,142.4	8,384	.42	5.63	152.3	25.53
Canada .....	33.6	13,459	1.30	5.90	181.0	48.72
Colombia .....	1,112.5	11,978	.73	6.54	173.4	41.53
Venezuela .....	220.1	12,851	.58	6.85	182.6	46.93
<b>Total .....</b>	<b>40,654.4</b>	<b>11,729</b>	<b>1.29</b>	<b>7.89</b>	<b>173.8</b>	<b>40.78</b>
<b>1991</b>						
Colorado .....	1,733.6	10,753	.38	5.99	207.6	44.64
Illinois .....	3,314.2	11,682	2.78	8.83	205.3	47.97
Indiana .....	1,019.1	11,036	2.35	8.36	131.1	28.93
Kentucky .....	10,396.1	12,634	1.54	7.96	177.7	44.89
Maryland .....	15.1	13,150	1.59	10.50	141.0	37.08
Montana .....	105.5	9,344	.30	4.10	145.2	27.14
Ohio .....	1,019.3	12,191	3.57	10.73	124.4	30.33
Pennsylvania .....	1,760.5	13,039	1.60	7.80	171.4	44.71
Tennessee .....	158.3	12,795	1.18	6.54	218.2	55.84
Virginia .....	1,424.1	13,169	1.02	7.49	175.8	46.31
Washington .....	.1	12,846	.70	14.50	170.0	43.68
West Virginia .....	9,902.3	12,894	1.00	9.15	174.0	44.86
Wyoming .....	9,086.3	8,432	.38	5.47	141.1	23.79
Canada .....	26.9	9,994	.46	12.76	209.2	41.82
Colombia .....	1,582.6	11,978	.73	7.04	153.1	36.68
Indonesia .....	24.3	9,815	.07	1.20	227.3	44.62
Venezuela .....	333.0	13,080	.59	6.54	166.2	43.47
<b>Total .....</b>	<b>41,901.4</b>	<b>11,584</b>	<b>1.22</b>	<b>7.68</b>	<b>170.5</b>	<b>39.51</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>Total of U.S. Electric Utility Plants</b>						
<b>1992</b>						
Alabama .....	71.9	12,060	2.75	12.94	120.6	29.09
Colorado .....	1,961.3	11,088	.40	6.66	198.7	44.06
Illinois .....	3,933.7	11,729	2.79	8.55	190.4	44.67
Indiana .....	826.6	10,901	2.26	8.78	142.3	31.01
Kentucky .....	9,906.3	12,654	1.44	7.99	170.5	43.14
Montana .....	86.2	9,388	.31	4.16	137.5	25.82
Ohio .....	963.7	12,135	3.62	11.27	104.4	25.35
Pennsylvania .....	1,340.4	13,123	1.60	7.13	167.3	43.92
Tennessee .....	268.8	12,861	1.19	6.20	217.6	55.98
Utah .....	31.6	11,596	.39	8.20	163.8	37.99
Virginia .....	761.6	12,926	1.03	8.27	176.4	45.60
Washington .....	2.3	12,366	.72	14.03	154.5	38.21
West Virginia .....	10,753.8	12,869	1.00	9.20	168.0	43.25
Wyoming .....	9,242.1	8,427	.40	5.34	138.8	23.40
Canada .....	48.1	12,432	1.09	6.72	185.1	46.01
Colombia .....	1,504.1	11,938	.70	6.91	150.9	36.04
Indonesia .....	13.1	9,587	.14	1.20	166.9	32.00
Venezuela .....	240.6	13,206	.69	7.18	164.6	43.49
<b>Total .....</b>	<b>41,956.3</b>	<b>11,561</b>	<b>1.21</b>	<b>7.72</b>	<b>165.2</b>	<b>38.19</b>
<b>1993</b>						
Alabama .....	72.3	12,337	2.09	11.73	191.1	47.15
Colorado .....	1,947.6	10,661	.40	6.86	198.9	42.40
Illinois .....	3,596.4	11,738	2.56	8.43	174.6	40.99
Indiana .....	485.4	11,003	2.15	8.88	136.5	30.05
Kentucky .....	9,134.0	12,697	1.33	8.12	174.0	44.19
Maryland .....	56.2	13,015	1.30	9.55	161.4	42.00
Montana .....	187.7	9,428	.39	4.58	160.4	30.24
Ohio .....	1,151.5	12,135	3.57	11.37	102.2	24.81
Pennsylvania .....	1,451.4	13,093	1.79	7.35	156.7	41.04
Tennessee .....	304.6	12,740	1.12	7.02	203.7	51.89
Utah .....	186.5	11,586	.35	8.25	156.1	36.17
Virginia .....	435.8	12,995	.94	8.99	186.8	48.56
Washington .....	2.2	10,967	.70	14.47	163.5	35.87
West Virginia .....	8,787.9	12,904	1.03	8.97	167.0	43.10
Wyoming .....	11,393.1	8,389	.38	5.24	134.5	22.56
Canada .....	29.2	10,036	.48	12.60	179.5	36.03
Colombia .....	3,585.1	11,867	.66	6.85	149.0	35.37
Indonesia .....	115.8	10,620	.22	2.07	166.1	35.29
Venezuela .....	897.5	12,874	.67	6.96	166.4	42.84
<b>Total .....</b>	<b>43,820.3</b>	<b>11,342</b>	<b>1.08</b>	<b>7.43</b>	<b>160.7</b>	<b>36.46</b>
<b>1994</b>						
Alabama .....	1.5	12,241	2.87	10.00	204.1	49.97
Colorado .....	2,861.0	11,189	.42	8.16	181.7	40.67
Illinois .....	4,198.2	11,616	2.44	8.40	164.4	38.19
Indiana .....	326.8	11,062	1.82	8.77	121.5	26.88
Kentucky .....	8,908.6	12,635	1.37	8.25	176.8	44.67
Maryland .....	138.3	13,155	1.38	9.85	149.9	39.43
Montana .....	1,314.8	9,404	.40	4.78	138.8	26.11
Ohio .....	937.8	12,266	3.58	10.63	99.0	24.28
Pennsylvania .....	1,992.6	13,125	1.76	7.34	144.5	37.94
Tennessee .....	276.1	12,628	1.14	7.43	215.3	54.38
Virginia .....	127.7	12,926	.87	8.50	173.6	44.89
Washington .....	3.3	10,865	.72	13.30	165.3	35.91
West Virginia .....	10,671.9	12,732	.95	9.58	165.3	42.08
Wyoming .....	10,628.8	8,440	.35	5.15	133.6	22.55
Canada .....	63.3	10,885	.26	10.53	152.4	33.19
Colombia .....	2,971.8	11,997	.66	6.76	142.7	34.25
Indonesia .....	437.3	10,499	.22	1.82	157.4	33.06
South Africa .....	127.3	11,318	.65	12.60	181.1	41.00
Venezuela .....	1,355.2	12,649	.76	6.61	172.3	43.60
<b>Total .....</b>	<b>47,342.4</b>	<b>11,387</b>	<b>1.04</b>	<b>7.59</b>	<b>159.0</b>	<b>36.20</b>
<b>1995</b>						
Colorado .....	3,552.8	11,471	.42	8.39	170.5	39.12
Illinois .....	4,594.4	11,754	1.95	7.81	170.7	40.12
Indiana .....	133.3	11,064	1.31	9.65	116.2	25.72
Kentucky .....	8,569.5	12,623	1.27	8.01	165.8	41.86
Maryland .....	265.8	13,113	1.29	9.87	151.1	39.62

See footnotes at the end of Table A7.

**Table A7. Cost and Quality of All Coal Received at Electric Utility Plants that Import Coal by Origin, 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>1995</b>						
Montana .....	1,273.3	9,400	0.38	4.43	140.1	26.34
Ohio.....	225.7	12,444	3.78	10.17	95.2	23.68
Pennsylvania .....	2,051.9	13,140	1.78	7.51	137.1	36.04
Tennessee .....	120.2	12,565	1.12	8.66	229.2	57.59
Texas .....	40.0	10,540	1.03	21.69	120.2	25.33
Virginia .....	172.6	13,245	.93	8.77	162.0	42.92
West Virginia.....	8,366.4	12,623	.81	10.13	162.4	40.99
Wyoming.....	11,861.9	8,453	.35	5.32	134.3	22.71
Canada.....	23.8	10,066	.47	13.14	166.0	33.42
Colombia.....	2,040.1	11,985	.65	6.83	153.9	36.89
Indonesia.....	428.6	10,181	.35	1.79	149.2	30.37
Venezuela.....	1,905.7	12,610	.79	6.57	194.1	48.95
<b>Total .....</b>	<b>45,625.9</b>	<b>11,239</b>	<b>.90</b>	<b>7.46</b>	<b>157.8</b>	<b>35.48</b>
<b>1996</b>						
Colorado.....	2,481.0	10,807	.41	6.64	143.1	30.94
Illinois .....	5,346.5	11,951	2.04	7.42	171.3	40.95
Indiana.....	18.1	11,256	1.58	7.15	97.7	21.99
Kentucky .....	10,037.7	12,543	1.34	8.53	162.6	40.80
Maryland.....	277.2	13,143	1.37	9.31	150.2	39.49
Montana .....	2,167.2	9,394	.40	4.48	141.1	26.51
Ohio.....	2.3	11,043	2.57	10.80	72.6	16.03
Pennsylvania .....	1,940.2	13,163	1.75	7.34	142.7	37.56
Virginia .....	17.9	14,102	.74	5.76	201.2	56.74
West Virginia.....	10,499.4	12,578	1.07	10.23	153.6	38.63
Wyoming.....	12,299.2	8,456	.37	5.55	130.7	22.11
Canada.....	18.0	9,861	.44	12.97	174.6	34.44
Colombia.....	2,079.9	11,883	.64	7.04	155.7	37.01
Indonesia.....	833.7	9,741	.31	1.68	150.2	29.26
Venezuela.....	1,767.6	12,686	.77	6.14	171.7	43.58
<b>Total .....</b>	<b>49,786.0</b>	<b>11,211</b>	<b>.98</b>	<b>7.46</b>	<b>152.7</b>	<b>34.24</b>
<b>1997</b>						
Alabama .....	362.4	11,887	2.03	13.36	177.4	42.18
Colorado.....	1,531.4	10,289	.38	6.11	135.8	27.95
Illinois .....	4,586.4	11,966	1.99	8.03	172.4	41.26
Indiana.....	10.0	11,077	1.51	8.06	135.2	29.96
Kentucky .....	8,984.0	12,435	1.52	9.00	162.8	40.48
Maryland.....	160.8	13,158	1.46	9.17	147.8	38.89
Montana .....	3,221.3	9,323	.39	4.56	145.5	27.13
Ohio.....	201.5	11,728	3.06	12.49	92.6	21.73
Pennsylvania .....	2,507.1	12,966	1.70	8.40	139.6	36.21
Virginia .....	201.4	13,250	.88	8.73	160.1	42.43
Washington.....	1.5	10,616	.70	17.57	154.0	32.71
West Virginia.....	10,051.5	12,602	.91	10.55	156.8	39.53
Wyoming.....	12,440.9	8,464	.41	5.54	128.6	21.76
Canada.....	9.6	10,144	.43	12.25	171.4	34.79
Colombia.....	2,744.4	12,026	.70	6.71	158.8	38.18
Indonesia.....	782.0	9,754	.36	1.60	164.6	32.10
Venezuela.....	1,335.1	12,722	.83	6.40	158.7	40.38
<b>Total .....</b>	<b>49,131.3</b>	<b>11,116</b>	<b>.98</b>	<b>7.67</b>	<b>152.1</b>	<b>33.81</b>
<b>1998</b>						
Alabama .....	128.7	12,671	1.05	10.01	160.0	40.55
Colorado.....	1,401.4	10,529	.39	6.20	142.4	30.00
Illinois .....	5,790.4	12,038	2.02	8.03	154.4	37.18
Indiana.....	48.9	10,923	2.41	9.93	119.2	26.05
Kentucky .....	8,886.8	12,472	1.44	8.64	157.0	39.16
Maryland.....	170.1	13,222	1.47	8.91	146.3	38.69
Montana .....	2,831.1	9,412	.37	4.46	147.2	27.70
Ohio.....	386.3	12,303	3.55	10.63	92.0	22.63
Pennsylvania .....	2,563.2	13,168	1.65	7.20	137.3	36.17
Virginia .....	145.1	13,642	.80	6.14	176.6	48.19
Washington.....	.9	10,800	.73	66.06	165.5	35.74
West Virginia.....	9,099.0	12,611	.89	10.54	151.4	38.19
Wyoming.....	14,733.8	8,466	.39	5.53	123.2	20.87
Colombia.....	2,530.1	12,002	.65	6.40	152.4	36.57
Indonesia.....	899.5	9,505	.17	1.01	167.3	31.80
Venezuela.....	2,202.9	12,866	.73	6.62	156.7	40.31
<b>Total .....</b>	<b>51,818.4</b>	<b>11,069</b>	<b>.95</b>	<b>7.34</b>	<b>145.6</b>	<b>32.23</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>Total of U.S. Electric Utility Plants</b>						
<b>1999</b>						
January - March						
Alabama .....	36.1	11,968	2.28	13.90	132.6	31.75
Colorado .....	410.3	10,688	.41	6.58	146.2	31.24
Illinois .....	1,794.8	12,081	1.91	7.77	145.5	35.15
Indiana .....	40.1	11,059	1.50	9.39	110.4	24.42
Kentucky .....	1,733.9	12,390	1.59	8.60	152.9	37.89
Montana .....	558.5	9,411	.37	4.60	147.2	27.71
Ohio .....	68.0	12,306	3.35	10.30	91.0	22.41
Pennsylvania .....	519.5	13,208	1.69	6.75	136.4	36.02
Virginia .....	12.1	13,689	.76	5.73	180.3	49.37
West Virginia .....	1,907.9	12,577	.91	11.28	147.0	36.97
Wyoming .....	4,316.3	8,518	.38	5.67	121.0	20.61
Australia .....	62.9	11,506	.67	11.80	124.2	28.58
Colombia .....	468.2	11,743	.63	7.14	148.6	34.90
Venezuela .....	633.3	12,471	.63	5.97	157.2	39.20
<b>Total .....</b>	<b>12,562.0</b>	<b>10,861</b>	<b>.95</b>	<b>7.42</b>	<b>140.2</b>	<b>30.45</b>
<b>Year to Date</b>						
Alabama .....	36.1	11,968	2.28	13.90	132.6	31.75
Colorado .....	410.3	10,688	.41	6.58	146.2	31.24
Illinois .....	1,794.8	12,081	1.91	7.77	145.5	35.15
Indiana .....	40.1	11,059	1.50	9.39	110.4	24.42
Kentucky .....	1,733.9	12,390	1.59	8.60	152.9	37.89
Montana .....	558.5	9,411	.37	4.60	147.2	27.71
Ohio .....	68.0	12,306	3.35	10.30	91.0	22.41
Pennsylvania .....	519.5	13,208	1.69	6.75	136.4	36.02
Virginia .....	12.1	13,689	.76	5.73	180.3	49.37
West Virginia .....	1,907.9	12,577	.91	11.28	147.0	36.97
Wyoming .....	4,316.3	8,518	.38	5.67	121.0	20.61
Australia .....	62.9	11,506	.67	11.80	124.2	28.58
Colombia .....	468.2	11,743	.63	7.14	148.6	34.90
Venezuela .....	633.3	12,471	.63	5.97	157.2	39.20
<b>Total .....</b>	<b>12,562.0</b>	<b>10,861</b>	<b>.95</b>	<b>7.42</b>	<b>140.2</b>	<b>30.45</b>

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

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

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

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

**Processing Options**

Runtime values:

Document fileid ..... SCRIPT  
 Document type ..... USERDOC  
 Document style ..... PUBDOC  
 Profile ..... EDFPRF30  
 Service Level ..... 0007  
 SCRIPT/VS Release ..... 4.0.0  
 Date ..... 99.08.12  
 Time ..... 08:14:39  
 Device ..... PSA  
 Number of Passes ..... 2  
 Index ..... NO  
 SYSVAR G ..... YES  
 SYSVAR R ..... QCR  
 SYSVAR W ..... QCR

Formatting values used:

Annotation ..... NO  
 Cross reference listing ..... YES  
 Cross reference head prefix only ..... NO  
 Dialog ..... LABEL  
 Duplex ..... YES  
 DVCF conditions file ..... (none)  
 DVCF value 1 ..... (none)  
 DVCF value 2 ..... (none)  
 DVCF value 3 ..... (none)  
 DVCF value 4 ..... (none)  
 DVCF value 5 ..... (none)  
 DVCF value 6 ..... (none)  
 DVCF value 7 ..... (none)  
 DVCF value 8 ..... (none)  
 DVCF value 9 ..... (none)  
 Explode ..... NO  
 Figure list on new page ..... YES  
 Figure/table number separation ..... YES  
 Folio-by-chapter ..... NO  
 Head 0 body text ..... (none)  
 Head 1 body text ..... (none)  
 Head 1 appendix text ..... Appendix  
 High-level qualifier for style ..... (none)  
 Hyphenation ..... YES  
 Justification ..... YES  
 Language ..... ENGL  
 Layout ..... 2  
 Leader dots ..... YES  
 Master index ..... (none)  
 Partial TOC (maximum level) ..... 4  
 Partial TOC (new page after) ..... INLINE  
 Print example id's ..... NO  
 Print cross reference page numbers ..... YES  
 Process value ..... (none)  
 Punctuation move characters ..... ,  
 Read cross-reference file ..... QCR  
 Running heading/footing rule ..... NONE  
 Show index entries ..... NO  
 Table of Contents (maximum level) ..... (none)  
 Table list on new page ..... YES  
 Title page (draft) alignment ..... CENTER  
 Write cross-reference file ..... QCR

**Named Files**

<u>Fileid</u>	<u>Page</u>	<u>Data Set Name</u>
ETIAS	i	'PRJB540.BKM.EIASBETA.MACLIB(EIASETUP)'

Named Styles

<u>Fileid</u>	<u>Page</u>	<u>Data Set Name</u>
PUBDOC	i	'PRJB540.BKM.EIASBETA.MACLIB(EIASTYLE)'

Imbed Trace

Page 0	EIAS
Page i	#CONTACT
Page ii	#PREFACE
Page 1	T1P01
Page 1	T2P01
Page 4	T3P01
Page 4	T4P01
Page 5	A5P01
Page 8	T14P01
Page 8	T15P01
Page 8	X6P01
Page 9	X7P01
Page 10	X8P01
Page 11	X9P01
Page 12	X10P01
Page 13	X11P01
Page 14	X12P01
Page 15	XA9P01
Page 16	I13P01
Page 16	I14P01
Page 17	I15P01
Page 18	IA10P01
Page 20	T28P01
Page 20	T29P01
Page 21	T30P01
Page 22	W1P01
Page 23	W2P01
Page 24	W3P01
Page 25	W4P01
Page 26	W5P01
Page 27	W6P01
Page 28	W6P02
Page 29	W6P03
Page 30	W6P04
Page 31	W6P05
Page 31	W6P06
Page 31	W7P01
Page 32	W7P02
Page 33	W7P03
Page 34	W7P04
Page 35	W7P05
Page 35	A38P01
Page 35	A39P01
Page 36	T40P01
Page 37	E41P01
Page 38	T42P01
Page 39	T43P01
Page 39	T44P01
Page 42	T45P01
Page 42	T46P01
Page 43	T47P01
Page 44	T36P01
Page 45	A48P01
Page 46	T49P01
Page 47	T50P01
Page 48	T51P01
Page 52	T52P01
Page 52	T53P01
Page 53	T54P01
Page 54	A55P01
Page 55	T56P01
Page 56	T57P01
Page 57	A58P01
Page 61	#IMPORT1
Page 61	TC1P01
Page 61	TC2P01
Page 62	TC3P01
Page 63	TC4P01
Page 64	TC5P01
Page 65	TC6P01
Page 66	TC6P02
Page 67	TC6P03
Page 68	TC6P04

Page 69	TC6P05
Page 70	TC6P06
Page 71	TC6P07
Page 72	TC6P08
Page 73	TC6P09
Page 73	TC6P10
Page 74	TC7P01
Page 74	TC7P02
Page 75	TC7P03
Page 76	TC7P04
Page 77	TC7P05
Page 78	TC7P06
Page 79	TC7P07
Page 80	TC7P08
Page 81	TC7P09
Page 82	TC7P10
Page 83	TC7P11
Page 84	TC7P12
Page 85	TC7P13
Page 86	TC7P14
Page 87	TC7P15
Page 88	TC7P16
Page 89	TC7P17
Page 90	TC7P18
Page 91	TC7P19
Page 92	TC7P20
Page 93	TC7P21
Page 94	TC7P22
Page 95	TC7P23
Page 96	TC7P24
Page 97	TC7P25
Page 98	TC7P26
Page 99	TC7P27
Page 100	TC7P28
Page 101	TC7P29