DOE/EIA—0191(79)
Dist. Cat. UC-97

Energy Data Report

Cost and Quality of Fuels for Electric Utility Plants — 1979

June 1980

FPC Form No. 423

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For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402

Released for printing June 24, 1980.

PREFACE

This summary report, covering the calandar year 1979, is the sixth annual report 1/ in a series based on the data filed with the Department of Energy, Energy Information Administration, on FPC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants". Before January 1978, Form 423 was filed with the Federal Energy Regulatory Commission (formerly the Federal Power Commission). The Commission issued the first four annual reports. The first summary report covered 1973 and 1974 and was issued as a single volume in June 1975. The second report, containing the data for the calendar year 1975, was issued in May of 1976. The third report, for the calendar year 1976, was issued in May of 1977. The fourth report, published by the Federal Energy Regulatory Commission, covered the calendar year 1977 and was issued in September 1978. The fifth report published by the Energy Information Administration covered the calendar year 1978 and was issued in October 1979.

Starting with calendar year 1978, the data on Form 423 are collected by the Energy Information Administration on a monthly basis. In addition to the annual summary reports, the Energy Information Administration publishes monthly summaries in a format similar to tables shown in Chapter 2 and Appendix A of this report.

This series of summary reports contains annual information on the cost and quality of fossil fuels delivered to electric utility plants in the United States (the 50 states and District of Columbia) with a combined capacity of 25 megawatts or greater. These publications, beginning with the 1976 annual summary report, include plant-by-plant data grouped on a State and regional basis to enable the reader to compare prices of similar fuels delivered to other plants in the same State and region.

1/ This summary report was prepared by the following staff members of the Energy Information Administration: Susan Rhodes, Statistical Assistant; Richard Salkov, Statistican; and Deborah Johnson, Clerk Typist. The contributions by staff members of the Federal Energy Regulatory Commission, Office of Electric Power Regulation, is gratefully acknowledged.

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1. DISCUSSION OF FORM 423 DATA

Cost and Quality of Fossil Fuels for Electric Power Generation

In 1979, the production of electric energy rose 1.8 percent, reaching a new record of 2,247 billion kilowatthours. The biggest increase in electric generation occured in coal plants which produced 1,076 billion kilowatthours, or 47.9 percent of the total. Coal generation increased 10.1 percent from the 1978 level. The second largest increase in electric generation came from gas units, increasing to a level of 330 billion kilowatthours, an increase of 8.2 percent from 1978. Coal and gas generation made up for the 17.8 percent decrease in oil generation and the 7.6 percent decrease in nuclear generation, as some nuclear plants, such as Three Mile Island and Surry, stopped generation during the year. Oil generation decreased 16.8 percent from last year, mainly due to the high price of residual oil.

Coal consumption increased 9.3 percent to reach a level of 527 million tons and gas consumption also increased 9.5 percent to reach a level of 3,491 million Mcf, while oil consumption fell 17.8 percent as compared to 1978.

Total electric power generation and fossil fuel consumption by electric utilities for the period 1976-1979 are shown, respectively, in Tables 1 and 2.

Unit prices of fossil fuels increased an average of 16.5 percent in 1979, as shown in Table 3 and Figure 1. Consequently, the total cost of all fossil fuels consumed by electric utilities reached a record 30 billion dollars, 21.6 percent above the 1978 cost. The estimated cost of fossil fuels consumed by electric utilities is shown in Table 4.

Table 1. Production of Electric Energy by Electric Utilities, 1976-1979 1/
(Billion Kilowatthours)

	1976	1977		1978		1979	
	Generation	Generation	Percent Change From 1976	Generation	Percent Change From 1977	Generation	Percent Change From 1978
Coal	944	986	+ 4.4	977	- 0.9	1076	+10.1
Oil	320	358	+11.9	364	+ 1.7	303	-16.8
Gas	295	305	+ 3.4	305	0.0	330	+ 8.2
Nuclear	191	251	+31.4	276	+10.0	255	- 7.6
Hydro	284	220	-22.5	281	+27.7	280	- 0.4
Other	4	4	0.0	3	-25.0	4	+33.3
Total	2038	2124	+ 4.2	2207	+ 3.9	2247	+ 1.8

1/ Based on data in FPC Form 4 summarized in the Energy Information Administration Energy Data Reports Power Production, Fuel Consumption, and Installed Capacity, DOE/EIA-0049/1 (for 1976 and 1977) and DOE/EIA-0049/78 (for 1978), and DOE/EIA-0049/79 (for 1979).

Table 2. Quantity of Fossil Fuels Consumed by Electric Utility Plants, 1976-1979 1/

		1976	1977		1978		1979	
Fuel	Units Million	Quantity	Quantity	Percent Change From 1976	Quantity	Percent Change From 1977	Quantity	Percent Change From 1978
Coal	Tons	448	477	+ 6.5	482	+ 1.0	527	+ 9.3
Oil	Bbls	556	624	+12.2	636	+ 1.9	523	-17.8
Gas	Mcf	3081	3189	+ 3.5	3188	0.0	3491	+ 9.5

1/ Based on data in FPC Form 4 summarized in the Energy Information Administration Energy Data Reports Power Production, Fuel Consumption, and Installed Capacity, DOE/EIA-0049/1 (for 1976 and 1977), DOE/EIA-0049/78 (for 1978), and DOE/EIA-0049/79 (for 1979).

Table 3. Average Delivered Fossil Fuel Prices to Electric Plants 1/
(Cents per Million Btu)

	1976	1977		1978		1979	
	Average Price	Average Price	Percent Change From 1976	Average Price	Percent Change From 1977	Average Price	Percent Change From 1978
Coal	84.8	94.7	+11.7	111.6	+17.8	122.4	+ 9.7
Oil	199.8	225.5	+12.9	219.0	- 2.9	308.4	+40.8
Gas	103.4	129.4	+25.1	142.8	+10.4	175.0	+22.5
Average	111.8	129.5	+15.8	140.9	+ 8.8	164.2	+16.5

1/ From FPC Form 423.

Table 4. Estimated Cost of Fossil Fuels Consumed by Electric Utility Plants, 1976-1979 1/
(Million Dollars)

	1976	1977		1978		1979	
	Estimated Cost	Estimated Cost	Percent Change From 1976	Estimated Cost	Percent Change From 1977	Estimated Cost	Percent Change From 1978
Coal	8,238.7	9,719.6	+18.0	11,439.2	+17.7	13,789.4	+20.5
Oil	6,805.4	8,623.7	+26.7	8,554.2	- 0.8	9,947.5	+16.3
Gas	3,265.9	4,241.4	+29.9	4,718.2	+11.2	6,318.7	+33.9
Total	18,310.0	22,584.7	+23.3	24,711.6	+ 9.4	30,055.6	+21.6

1/ Calculated by applying average unit prices of fossil fuels delivered to electric plants (FPC Form 423) to the quantities of fuels consumed (FPC Form 4).

AVERAGE MONTHLY PRICES OF FOSSIL FUELS DELIVERED TO STEAM-ELECTRIC UTILITY PLANTS 25 MW OR GREATER IN SIZE

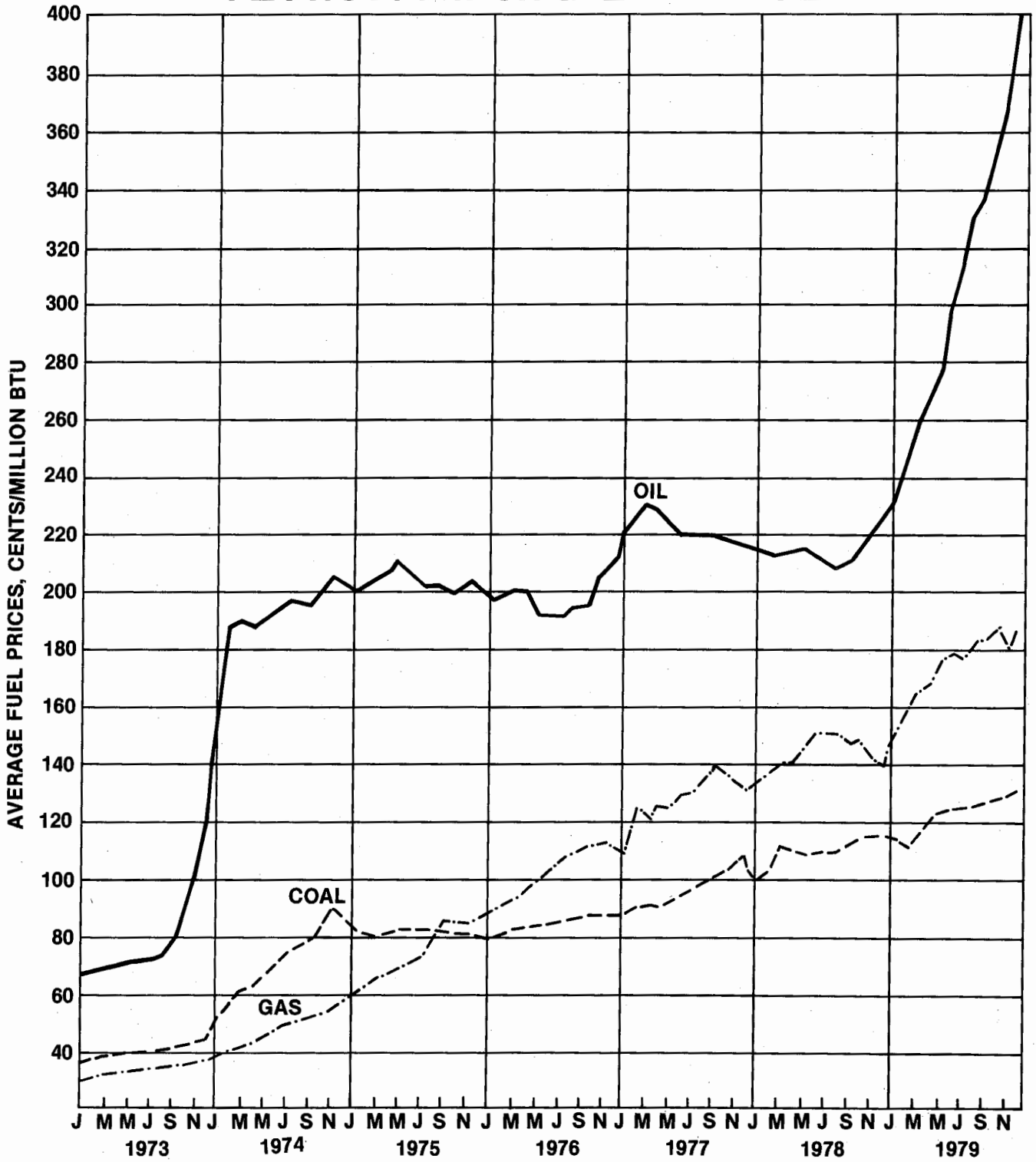

FIGURE 1

In 1979, utilities reporting on Form 423 purchased 556.6 million tons of coal, 516.4 million barrels of oil, and 3,378.8 billion cubic feet (Bcf) of gas. The combined energy content of these purchases totaled 18.6 quadrillion Btu's, an 8.7 percent increase from similar purchases made last year. On a tonnage basis, utility coal purchases rose 80.4 million tons, a 16.9 percent increase above the 1978 purchases. Furthermore, on a total Btu basis, coal deliveries increased 17.4 percent as the average Btu content of electric utility coal reversed it's long-range decline. Oil deliveries to electric utilities decreased in 1979 by 89.6 million barrels, a 14.8 percent decrease, both in terms of quantity delivered and in total heat content from the previous year. Gas purchases increased for the third year in a row. Table 5 shows the quantities and total energy content of the fossil fuels delivered to utilities in 1978 and 1979.

Table 5. Deliveries of Fossil Fuels to Electric Utilities, 1978-1979

	1978			1979		
Fuel	Quantity Millions	Total Btu Trillions	Percent of Total Fossil Energy	Quantity Millions	Total Btu Trillions	Percent of Total Fossil Energy
Coal	476.2 tons	10,131.0	59.3	556.6 tons	11,893.2	64.0
Oil						
Steam	568.6 bbls	3,505.2	20.5	489.0 bbls	3,027.3	16.3
Peaking	37.4 bbls	216.6	1.3	27.4 bbls	157.9	0.9
Total Oil	606.0 bbls	3,721.8	21.8	516.4 bbls	3,185.2	17.2
Gas						
Steam	3,008.3 Mcf	3,111.9	18.2	3,248.6 Mcf	3,359.5	18.1
Peaking	115.6 Mcf	119.0	0.7	130.2 Mcf	134.4	0.7
Total Gas	3,123.9 Mcf	3,230.9	18.9	3,378.8 Mcf	3,493.9	18.8
Grand Total		17,083.7	100.0		18,572.3	100.0

Appendix A shows plant-by-plant information on the quantity, quality, and prices of fossil fuels delivered in 1979. Appendix B presents a profile of fossil fuel deliveries to electric utilities during the four-year period 1976-1979.

A list of the 20 largest companies, ranked by the total fossil energy received in 1979, is given in Appendix C. The 20 largest utilities (out of a total 281 companies reporting on Form 423) took delivery of 41 percent of the total Btu's delivered to all reporting plants.

The total cost of fossil fuels delivered to electric utilities reporting on Form 423 reached $30.5 billion in 1979, an increase of more than $6.4 billion, or 26.5 percent over last year's cost. The total cost of fossil fuels delivered to electric utilities in 1978 and 1979 is shown in Table 6.

The list of 20 largest companies, ranked by the total fuel bill, is presented in Appendix D. The 20 largest companies accounted for 42.8 percent of the total amount paid for fossil fuels by the 281 reporting utilities.

Table 6. Total Cost of Fossil Fuels Delivered to Electric Utilities, 1978-1979 (Million Dollars)

Fuel	1978 Total Bill	1979 Total Bill	Percent Change
Coal	11,309.0	14,552.0	+28.7
Oil			
Steam	7,555.8	9,187.9	+21.6
Peaking	595.8	633.9	+ 6.4
Total Oil	8,151.6	9,821.8	+20.5
Gas			
Steam	4,472.4	5,858.5	+31.0
Peaking	138.4	221.7	+60.2
Total Gas	4,610.8	6,080.2	+31.9
Grand Total	24,071.4	30,454.0	+26.5

Coal

In 1979, coal deliveries to electric utilities totaled 556.6 million tons. The deliveries increased 80.4 million tons, or 16.9 percent above 1978 shipments. The 20 largest recipients of coal accounted for 50 percent of all coal delivered to utilities in 1979 (See Appendix E).

Coal purchased on term contracts accounted for 87.2 percent of deliveries to electric utility plants. The remaining 12.8 percent were purchased in the spot market. As shown in Table 7, the proportion of total coal purchased in the contract market increased from the previous year.

The quantities of coal produced from surface mines decreased to 70.7 percent of the total coal deliveries to electric utilities and thus reversed the six year trend, as shown in Table 8.

Table 7. Contract and Spot Coal Deliveries, 1977-1979

	1977		1978		1979	
	Quantity Million Tons	Percent of Total	Quantity Million Tons	Percent of Total	Quantity Million Tons	Percent of Total
Contract	395.2	80.6	375.2	78.8	485.1	87.2
Spot	95.2	19.4	101.0	21.2	71.5	12.8
Total	490.4	100.0	476.2	100.0	556.6	100.0

Table 8. Surface and Underground-Mined Coal Deliveries, 1973-1979

	Surface-Mined		Deep-Mined	
	Quantity Thousand Tons	Percent of Total	Quantity Thousand Tons	Percent of Total
1973	228,666	61.0	146,143	39.0
1974	252,661	65.7	132,173	34.3
1975	286,315	66.4	144,737	33.6
1976	307,389	67.6	147,408	32.4
1977	342,969	69.9	147,445	30.1
1978	351,129	73.7	125,039	26.3
1979	393,677	70.7	162,881	29.3

In 1979, the weighted average delivered price of all coal increased $2.40 to reach a record high of $26.15 per ton. Contract coal prices averaged $25.77 per ton, an increase of $3.58 per ton over the 1978 level, while spot coal prices averaged $28.72 per ton, an 84 cent per ton decrease below the average spot coal prices of 1978. Table 9 and Figure 2 show contract and spot coal prices for the period 1974-1978.

Prices of coal bought under contract ranged from an average $14.92 per ton in the West South Central Region to a high of $32.71 per ton in the South Eastern States. Regional spot prices did not vary as much as contract coal prices, as evident from Table 10.

In 1979, the sulfur content averaged 1.7 percent by weight, as compared to 1.8 percent in 1978. The heating value of utility coal shipments averaged 10,685 Btu's per pound this year, compared to last year's average of 10,638 Btu's per pound. The grades of coal delivered to electric utilities during the five-year period 1975-1979 are shown in Table 11.

Table 9. Contract and Spot Coal Prices, 1974-1979
(Dollars per Ton)

	1974	1975	1976	1977	1978	1979
Contract	12.00	16.25	17.90	19.25	22.19	25.77
Spot	26.55	23.81	21.33	24.99	29.56	28.72
Weighted Average	15.46	17.63	18.35	20.37	23.75	26.15

AVERAGE PRICES OF CONTRACT AND SPOT COAL PURCHASES

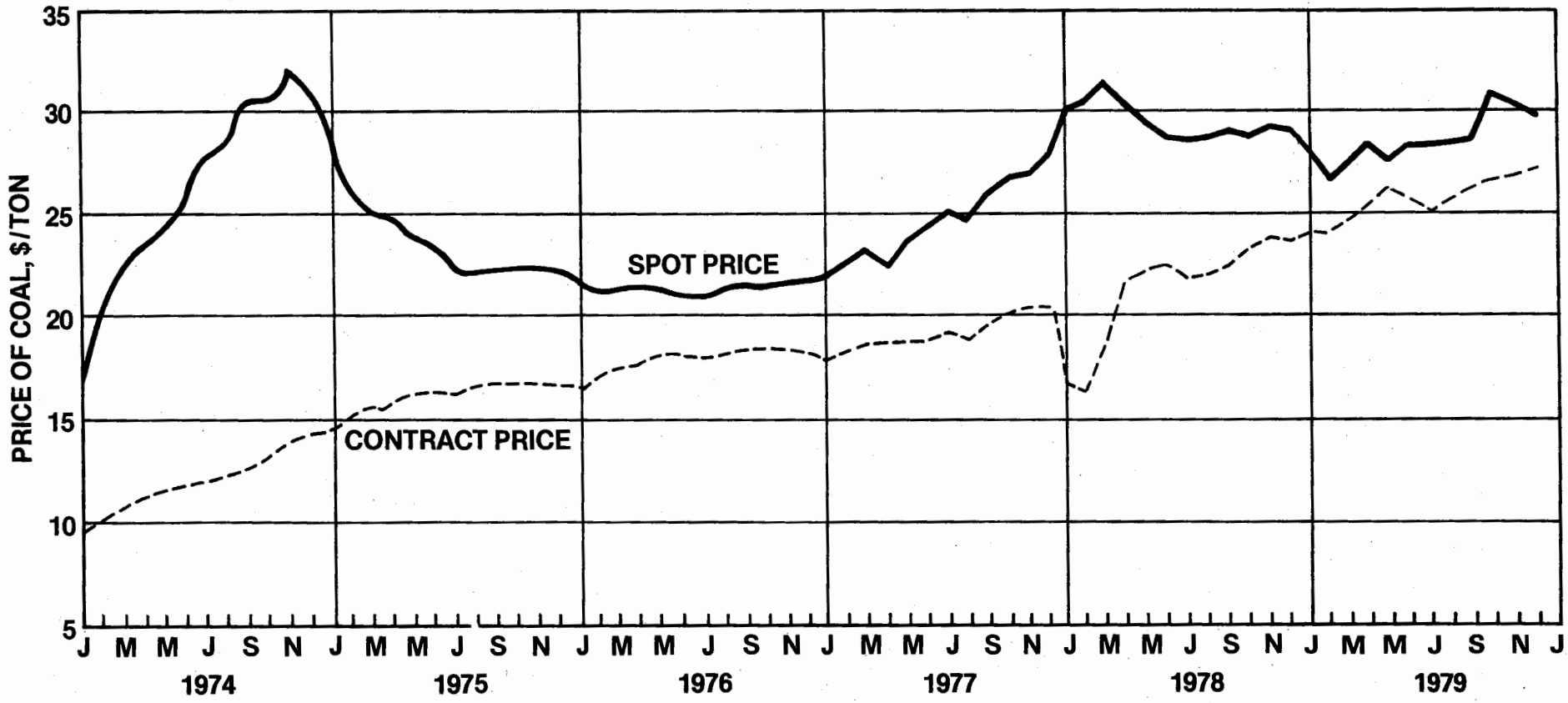

FIGURE 2

Table 10. Regional Quantities and Prices of Coal Deliveries in 1979

Destination	Contract Coal			Spot Coal		
		Prices			Prices	
	Quantity Thousand tons	Cents Per Million Btu	Dollars per ton	Quantity Thousand tons	Cents Per Million Btu	Dollars per ton
North Eastern (New England and Middle Atlantic)	36,224.0	128.3	31.17	14,388.5	117.2	28.49
Mid Western 1/ (East North Central and West North Central)	192,597.1	127.1	26.58	32,601.7	124.3	29.13
South Eastern (South Atlantic and East South Central)	146,596.0	138.6	32.71	20,119.9	131.3	31.49
West South Central	41,805.0	100.6	14.92	41.7	174.8	38.22
Western 2/ (Mountain and Pacific)	68,607.1	66.7	15.35	4,296.9	86.9	13.36
Total	485,109.2	122.0	25.77	71,448.8	124.5	28.72

1/ Excluding North and South Dakota.
2/ Including North and South Dakota.

Table 11. Grades of Coal Delivered to Electric Utilities, 1975-1979

	Quantity Thousand Tons	Percent of Total	Average Btu per Pound	Average Percent Sulfur	Average Price Cents per Million Btu
			1975		
Bituminous	357,319	82.8	11,279	2.53	87.0
Subbituminous	56,578	13.1	9,232	0.56	49.9
Lignite	16,345	3.8	6,534	0.63	27.2
Anthracite	1,286	0.3	8,532	0.57	52.8
Total	431,528	100.0	10,822	2.19	81.4
			1976		
Bituminous	364,227	80.1	11,407	2.44	91.0
Subbituminous	67,309	14.8	9,242	0.57	56.3
Lignite	22,211	4.9	6,509	0.63	32.3
Anthracite	1,111	0.2	8,763	0.64	57.7
Total	454,858	100.0	10,841	2.07	84.8
			1977		
Bituminous	379,960	77.5	11,371	2.35	101.9
Subbituminous	85,295	17.4	9,216	0.55	66.5
Lignite	23,979	4.9	6,582	0.65	40.8
Anthracite	1,182	0.2	8,622	0.69	57.8
Total	490,415	100.0	10,756	1.90	94.7
			1978		
Bituminous	354,019	74.4	11,368	2.20	121.8
Subbituminous	90,519	19.0	9,169	0.57	79.1
Lignite	30,611	6.4	6,605	0.68	45.0
Anthracite	1,019	0.2	8,552	0.67	66.7
Total	476,169	100.0	10,638	1.80	111.6
			1979		
Bituminous	406,845	73.1	11,483	2.15	130.9
Subbituminous	110,682	19.9	9,164	0.54	99.9
Lignite	37,885	6.8	6,570	0.69	56.2
Anthracite	1,146	0.2	8,727	0.60	80.1
Total	556,558	100.0	10,685	1.70	122.4

Oil

From January to December 1979, the average price of domestic and imported crude oil increased 71 percent and 86.5 percent, respectively. 2/ Consequently, the national retail price of residual oil increased from $14.13 per barrel in January 1979, to $24.44 per barrel in December of the same year, i.e. an increase of 73 percent. 3/ Correspondingly, the the national average price of residual oil to steam-electric utilities increased from $14.13 per barrel in January to $24.50 per barrel in December of 1979, i.e. an increase of 73.4 percent during the year. During that period, the price increases in the New England Middle Atlantic states were above the national average, while the price increases on the west coast were well below the average price increases.

As a result of the significant price increases in utility demand for residual oil, the principal liquid fuel used by electric utilities declined from 523.5 million barrels in 1978 to 464 million barrels in 1979, a decline of 11.4 percent. The major replacement fuel for oil, in absolute and relative terms, was coal and to a lesser extent natural gas.

In 1979, all oil shipments to electric utilities decreased 14.8 percent below last year to a total of 516.5 million barrels. Utilities received 489.2 million barrels for steam-electric use, with the remaining 27.3 million barrels going to peaking units. Residual oil (FO6) shipments totaled 464 million barrels and comprised 94.9 percent of the oil delivered to steam-electric plants. Distillate oil (FO2) shipments totaled 43.1 million barrels in 1979, including 23.5 million barrles to peaking units. In 1979, distillate oil comprised 86.1 percent of peaking oil purchases, as shown in Table 12.

As shown in Table 13, the regional deliveries of oil to electric utilities decreased in all regions except the Mountain and Pacific, where they increased 21.4 and 18.6 percent, respectively.

In 1979, a total of 208 utilities reported oil purchases on Form 423; the 20 largest oil purchasing utilities received 66.3 percent of the oil. These 20 utilities also accounted for 65.9 percent of the total oil expenditures reported by all utilities. Appendix F lists the 20 largest oil purchasing utilities.

2/ Based on data in Economic Regulatory Administration Form 49, "Domestic Crude Oil Entitlements Program Refiners Monthly Report" and summarized in DOE/EIA0035/03(80), Monthly Energy Review.

3/ Based on data in Federal Energy Administration Form P302-M-1, "Petroleum Industry Monthly Report for Product Prices" and summarized in DOE/EIA0035/03(80), Monthly Energy Review.

Table 12. Oil Deliveries to Electric Utilities in 1979 (Million Barrels)

	Steam-Electric Plants		Peaking Units	
	Quantity	Percent of Total	Quantity	Percent of Total
Jet Fuel, Kerosene	0.0	0.0	3.2	11.7
Distillate (FO2)	19.6	4.0	23.5	86.1
FO4, FO5	4.6	0.9	0.0	0.0
Residual (FO6)	464.0	94.9	0.6	2.2
Crude, Topped Crude	1.0	0.2	0.0	0.0
Total	489.2	100.0	27.3	100.0

Note: Due to computer rounding the totals in this table may differ slightly from those in Table 5.

Table 13. Regional Oil Deliveries to All Electric Plants (Thousand Barrels)

	1977	1978		1979	
Regions	Quantity	Quantity	Percent Change From 1977	Quantity	Percent Change From 1978
New England	71,936.8	76,309.4	+ 6.1	74,181.5	- 2.8
Mid-Atlantic	143,919.3	145,256.2	+ 0.9	109,264.5	-24.8
East North Central	41,531.2	50,950.9	+22.7	39,142.1	-23.2
West North Central	11,022.9	11,286.2	+ 2.4	8,835.6	-21.7
South Atlantic	146,176.7	154,441.0	+ 5.7	132,416.1	-14.3
East South Central	24,018.5	26,992.7	+12.4	12,041.4	-55.4
West South Central	42,118.8	44,481.0	+ 5.6	26,238.4	-41.0
Mountain	12,366.6	8,182.3	-33.6	9,934.4	+21.4
Pacific	132,601.0	88,028.1	-33.6	104,408.2	+18.6
Total	625,691.8	605,927.8	- 3.2	516,462.2	-14.8

The average price of oil to steam-electric plants was 303.5 cents per million Btu, an increase of 40.8 percent from the 1978 price level (see Table 14). The equivalent per barrel price was $18.79 in 1979, as compared to $13.29 a barrel that utilities paid for oil in 1978. The price paid by steam-electric plants for distillate oil (FO2) averaged 402 cents per million Btu, up 47.8 percent from the previous year's level of 271.9 cents per million Btu.

The average sulfur content of oil products delivered to steam-electric plants remained unchanged, while, as shown in the tabulation below, the average heating value rose 0.4 percent in 1979.

	1978	1979	Percent Change
Heating value (Btu per gallon)	146,784	147,396	+0.4
Sulfur (Percent by weight)	1.0	1.0	0.0

Table 14. Average Prices of Fuel Oil Delivered to Steam-Electric Plants, 1977-1979
(Cents per Million Btu)

	1977	1978	1979	Percent Change From 1978
Distillate (FO2)	264.3	271.9	402.0	+47.8
FO4, FO5	228.7	220.9	327.2	+48.1
Residual (FO6)	219.8	212.0	299.4	+41.2
Crude, Topped Crude	266.7	258.1	313.5	+21.5
Average All Deliveries	222.6	215.6	303.5	+40.8

As might be expected, because of air pollution control standards, a premium is placed on low sulfur oil purchased by electric utilities. Accordingly, in 1979 the average price of heavy oil (FO4, FO5, FO6, Crude and Topped Crude) delivered to utilities was substantially higher in the lower sulfur categories, as shown in Table 15.

Table 15. Cost of Heavy Oil by Sulfur Category, 1979

Sulfur Content (Percent by weight)	Quantity Delivered (Million Barrels)	Delivered Average Price (Cents per Million Btu)
0.00 to 1.00	297.3	320.2
1.01 to 2.00	171.7	264.8
2.01 or more	0.4	219.3

Gas

During 1979, utilities received 3,378.8 billion cubic feet (Bcf) of natural gas and other gas products. This was an increase of 8.2 percent over the 1978 level, as shown in Table 16. The bulk of the gas (96.1 percent in 1979) was purchased for use under utility steam boilers.

Only generating plants with a capacity of 25 megawatts or more are required to submit information on Form 423; however, FPC Form 4, "Monthly Power Plant Report", covers all electric utility generating plants. In 1979, electric utilities reported on Form 4, gas consumption totaling 3,490.3 Bcf. During the same period, electric utilities reported on Form 423 gas deliveries of 3,378.8 Bcf. Assuming all gas received in 1979 was consumed during the year, Form 423 covered 96.8 percent of gas consumption. Because of the reporting limitations of Form 423, the coverage was much greater for steam-electric units (99.8 percent) and considerably less (55 percent) for peaking units. The quantities for each category, as reported on Form 4 and Form 423 were:

	Quantity (Bcf)		Form 423 as a Percent of Form 4
	Form 4	Form 423	
Steam-Electric	3,253.4	3,248.6	99.8
Peaking	236.9	130.2	55.0
Total	3,490.3	3,378.8	96.8

In 1979, the gas purchases in the West South Central Region (WSC) decreased for the first time since 1975. California and the remaining states increased 49.2 and 34.1 percent, respectively, from last year due to the availability of natural gas coming from the WSC producing states, as shown in Table 17 and Figure 3. During 1979, gas deliveries to plants in the WSC Region were 64.2 percent of the deliveries to steam-electric plants in the country, while the rest of the country accounted for 35.8 percent of the total in 1979 as compared to 27.7 percent of the total in 1978.

In 1979, the price of gas to steam-electric plants averaged 175.4 cents per million Btu, an increase of 31.6 cents per million Btu over the average price of similar gas deliveries of last year. Table 18 shows average prices of steam-electric gas from 1973-1979. The national average of firm and interruptible gas prices rose to 152.0 and 216.5 cents per million Btu, respectively.

In 1979, a total of 186 utilities reported natural gas purchases on FPC Form 423, the 20 largest gas consuming utilities received 74.3 percent of the natural gas. These same 20 utilities also accounted for 70.6 percent of the total gas expenditures reported by all utilities. Appendix G lists the 20 largest gas consuming utilities.

Table 16. Gas Deliveries to Electric Utilities 1/
(Billion Cubic Feet)

	1977	1978	1978 Percent Change From 1977	1979	1979 Percent Change From 1978
Firm	2,084.0	2,223.3	+ 6.7	2,140.9	- 3.7
Steam	2,023.6	2,137.5	+ 5.6	2,073.1	- 2.1
Peaking	60.4	85.8	+42.1	67.8	- 21.(
Interruptible	1,011.0	898.0	-11.2	1,225.2	+ 36.4
Steam	977.1	868.3	-11.1	1,163.7	+ 34.0
Peaking	33.9	29.7	-12.4	61.5	+107.1
Off-Peak	3.3	2.6	-21.2	12.7	+388.5
Steam	2.6	2.5	- 3.8	11.8	+372.0
Peaking	0.7	0.1	-85.7	0.9	+800.0
Steam Total	3,003.3	3,008.3	+ 0.2	3,248.6	+ 8.0
Peaking Total	95.0	115.6	+21.7	130.2	+ 12.8
Peaking as Percent of Total	3.1	3.7		3.9	
GRAND TOTAL	3,098.3	3,123.9	+ 0.8	3,378.8	+ 8.2

1/ Due to the computer rounding, the totals in this table may differ slightly from those on Table 5.

DELIVERIES OF GAS TO STEAM-ELECTRIC PLANTS

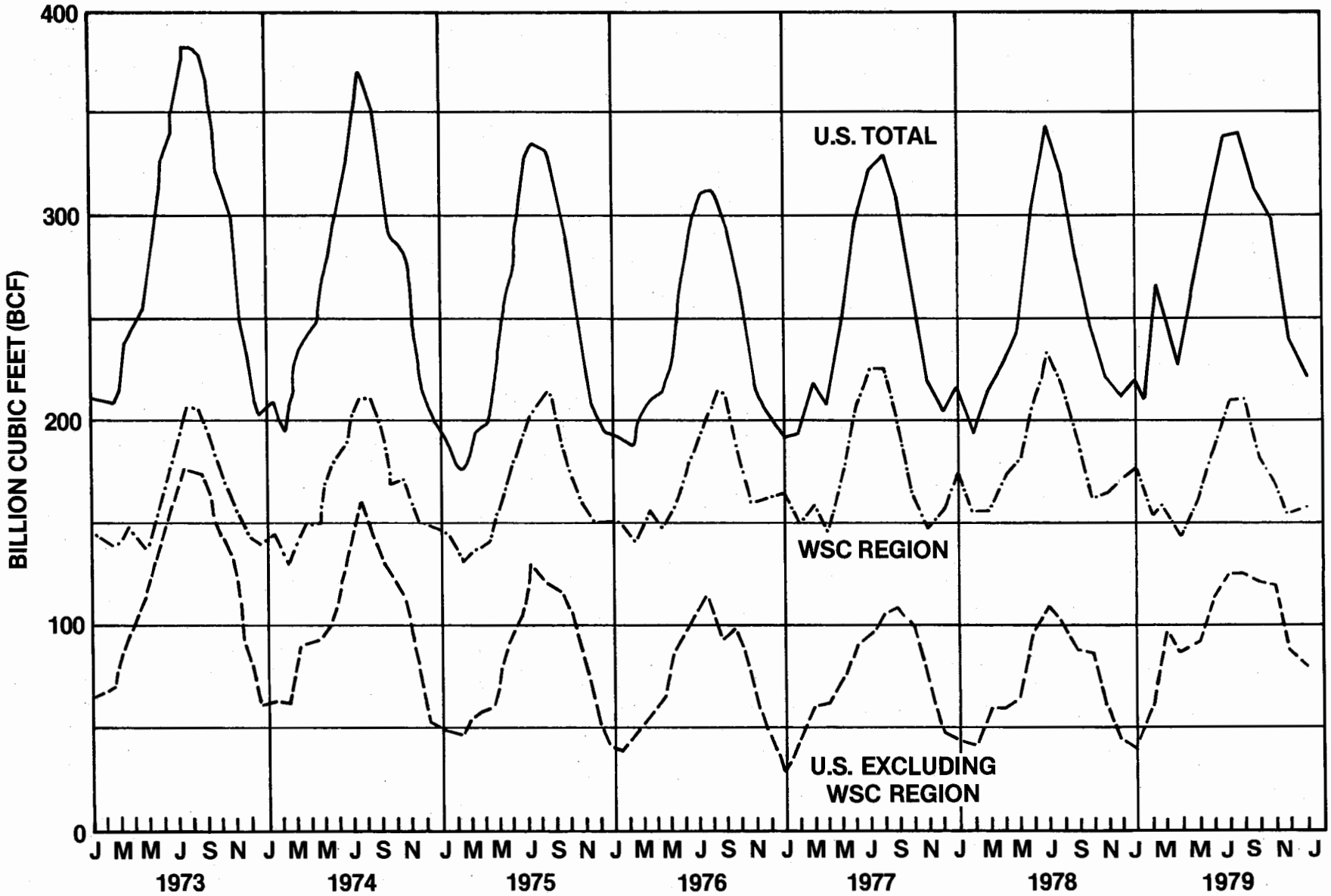

FIGURE 3

Table 17. Changes in Steam-Electric Utility Gas Deliveries, 1974-1979
(Billion Cubic Feet)

	1974	1975	1976	1977	1978	1979	Percent Change From 1978
Total United States	3203.4	2946.0	2877.9	3003.3	3008.3	3248.6	+ 8.0
West South Central 1/	1988.0	1971.1	2018.0	2113.9	2173.9	2084.7	- 4.1
Percent of Total	62.1	66.9	70.1	70.4	72.3	64.2	
California	289.8	273.3	293.6	358.8	297.7	444.1	+49.2
Percent of Total	9.0	9.3	10.2	11.9	9.9	13.7	
Remaining States	925.6	701.6	566.3	530.6	536.7	719.8	+34.1
Percent of Total	28.9	23.8	19.7	17.7	17.8	22.2	

1/ Includes Arkansas, Louisiana, Oklahoma, and Texas.

Table 18. Prices of Gas Delivered to Steam-Electric Utilities, 1973-1979
(Cents per Million Btu)

	1973	1974	1975	1976	1977	1978	1979
Firm	29.9	44.3	70.2	93.6	112.8	129.3	152.0
Interruptible	39.0	54.0	84.8	124.1	165.8	179.9	216.5
Off-Peak	47.1	76.9	87.0	72.7	132.0	105.5	271.4
Average	33.8	48.1	75.4	103.4	130.0	143.8	175.4

Origin-Destination
Of Coal for Electric Utilities

Total 1979 deliveries of coal to steam-electric plants increased to 557 million tons, a 16.7 percent increase from last year's level. As seen in Table 19, all geographic regions experienced increases in coal deliveries. On the whole, however, States west of the Mississippi River received 23.6 percent more coal in 1979 than in 1978.

Historically, Eastern mines have dominated the electric utility market with large producing states like Kentucky, Illinois, West Virginia, Pennsylvania, and Ohio supplying most of the demand. However, as shown in Table 20, overall coal deliveries from these five principal coal producing states had an average annual rate of growth of 2.3 percent.

During the past six years, the majority of incremental utility coal requirements has been met by coal produced in mines west of the Mississippi River. Using 1973 as a base year, Table 21 shows the continued growth of Western coal both quantitatively and as a percent of total coal deliveries to electric utilities in each of the past six years. During this period, deliveries from the Northern Great Plains increased almost four-fold, while shipments from the Mountain Province have tripled. Also, deliveries of Texas lignite, while limited to utilities in Texas, have increased five-fold during the period.

The 1979 coal deliveries from the five largest Western coal producing States and a comparison of the 1973 deliveries are given in Table 22.

Table 19. Regional Changes in Coal Deliveries to Electric Utilities, 1978-1979
(Thousand Tons)

Destination	1978 Quantity	1979 Quantity	Absolute Difference	Percent Change
Eastern Regions				
New England	760	1,065	+ 305	+40.1
Mid-Atlantic	41,605	49,547	+ 7,942	+19.1
East North Central	142,064	164,382	+22,318	+15.7
South Atlantic	85,565	94,265	+ 8,700	+10.2
East South Central	64,712	72,451	+ 7,739	+12.0
Subtotal	334,706	381,710	+47,004	+14.0
Western Regions				
West North Central	63,318	73,155	+ 9,837	+15.5
West South Central	27,941	41,127	+13,186	+47.2
Mountain	45,404	55,765	+10,361	+22.8
Pacific	4,800	4,801	+ 1	0.0
Subtotal	141,463	174,848	+33,385	+23.6
Total	476,169	556,558	+80,389	+16.7

Table 20. Deliveries of Coal to Electric Utilities from the Five Largest Coal Producing States East of the Mississippi, 1973-1979
(Million Tons)

Origin	1973 Quantity	1979 Quantity	Quantitative Difference	Average Annual Rate of Growth Percent
Kentucky	86.9	110.9	+24.0	+4.1
Illinois	48.9	50.6	+ 1.7	+0.6
West Virginia	47.3	49.6	+ 2.3	+0.8
Pennsylvania	39.6	48.5	+ 8.9	+3.4
Ohio	37.2	38.8	+ 1.6	+0.7
Total	259.9	298.4	+38.5	+2.3

Table 21. Origin of Domestic Bituminous Coal and Lignite Delivered to Electric Utilities, 1973-1979 1/
(Million Tons)

Coal Origin	1973	1974	1975	1976	1977	1978	1979	Average Annual Rate of Growth Percent
Eastern Deposits								
Appalachia	190.1	194.1	209.0	215.6	229.8	214.3	243.5	+ 4.2
Interior Province (Eastern Region) 2/	122.4	114.4	125.8	122.4	118.0	99.1	117.9	- 0.6
Subtotal	312.5	308.5	334.8	338.0	347.8	313.4	361.4	+ 2.5
Percent of Total	83.6	80.6	78.0	74.7	71.3	66.3	65.3	
Western Deposits								
Interior Province (Western Region) 3/	7.7	7.3	8.4	9.4	10.2	9.8	9.8	+ 4.1
Northern Great Plains 4/	32.4	41.7	54.1	64.4	82.2	96.7	114.5	+23.4
Mountain Province 5/	16.3	20.0	22.8	29.0	33.7	34.4	43.3	+17.7
Texas Lignite Region	4.7	5.1	9.1	11.9	14.2	18.2	24.8	+31.9
Subtotal	61.1	74.1	94.4	114.7	140.3	159.1	192.4	+21.1
Percent of Total	16.4	19.4	22.0	25.3	28.7	33.7	34.7	
Total	373.6	382.6	429.2	452.7	488.1	472.5	553.8	+ 6.8

1/ This table excludes Anthracite and Imported Coal deliveries.
2/ Includes Illinois, Indiana, and Western Kentucky.
3/ Includes Arkansas, Iowa, Kansas, Missouri, and Oklahoma.
4/ Includes Wyoming, Montana, North Dakota, and South Dakota as well as coal produced in Centralia, Washington.
5/ Includes New Mexico, Arizona, Colorado, and Utah.

Table 22. Deliveries of Coal to Electric Utilities from the Five Largest Western Coal-Producing States, 1973 and 1979 (Million Tons)

Origin	1973 Quantity	1979 Quantity	Quantitative Difference	Average Annual Growth Rate, Percent
Wyoming	13.1	68.8	+ 55.7	+31.8
Montana	10.6	28.1	+ 17.5	+17.6
Texas	4.7	24.8	+ 20.1	+31.9
New Mexico	8.3	13.4	+ 5.1	+ 8.3
North Dakota	5.3	12.6	+ 7.3	+15.5
Total	42.0	147.7	+150.7	+23.3

Of the 192.4 million tons of coal produced from Western mines for electric utility consumption, about 82.6 percent, or 158.8 million tons, remained in the West, while a record high of 33.6 million tons was delivered to Eastern utilites. Most of the coal shipped to Eastern utilities originated in Wyoming and Montana and was delivered to utilities in the East North Central Region, as shown in Table 23.

Detailed qualitative and quantitative information on the origin and destination of coal delivered to electric utilities in 1979 is presented in Chapters 3 and 4 of this report. Table 24 summarizes the quantities of steam-electric coal moved between producing and consuming States in 1979.

Table 23. Destination of Western Coal Delivered to Electric Utilities, 1978-1979 1/
(Thousand Tons)

Destination	1978 Deliveries	1979 Deliveries	Absolute Difference	Percent Change
Eastern Regions				
New England	0	0	0	0.0
Mid-Atlantic	0	0	0	0.0
East North Central	30,034	32,531	+ 2,479	+ 8.3
South Atlantic	334	74	- 260	-77.8
East South Central	1,050	953	- 97	- 9.2
Subtotal	31,418	33,558	+ 2,140	+ 6.8
Percent of Total	19.7	17.4		
Western Regions				
West North Central	49,556	57,174	+ 7,618	+15.4
West South Central	27,941	41,085	+13,144	+47.0
Mountain	45,404	55,765	+10,361	+22.8
Pacific	4,800	4,801	+ 1	0.0
Subtotal	127,701	158,825	+31,124	+24.4
Percent of Total	80.3	82.6		
Total	159,119	192,383	+33,264	+20.9

1/ Western Deposites as defined in Table 21.

Table 24. Origin and Destination of Coal Deliveries to Electric Utilities in 1979
(Thousand Tons)

Origin	Alabama	Arizona	Arkansas	Colorado	Georgia	Illinois	Indiana	Iowa	Kansas	Kentucky	Maryland	Missouri	Montana	N. Mexico
Destination														
Alabama	12760.5	0.0	0.0	0.0	5.9	51.6	403.9	0.0	0.0	3509.8	0.0	0.0	0.0	0.0
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Arizona	0.0	8006.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4172.5
Colorado	0.0	0.0	0.0	6349.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Delaware	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida	530.0	0.0	0.0	0.0	0.0	1484.4	47.9	0.0	0.0	4224.8	0.0	0.0	0.0	0.0
Georgia	713.1	0.0	0.0	0.0	0.0	2962.9	1631.2	0.0	0.0	11380.2	0.0	0.0	0.0	0.0
Illinois	0.0	0.0	0.0	1762.3	0.0	18577.6	1041.8	0.0	0.0	1581.2	0.0	2.9	4106.4	0.0
Indiana	0.0	0.0	0.0	762.8	0.0	6749.2	20686.0	0.0	0.0	4242.8	0.0	0.0	813.0	0.0
Iowa	0.0	0.0	0.0	339.0	0.0	1983.9	79.5	556.2	0.0	179.8	0.0	489.9	180.4	0.0
Kansas	0.0	0.0	0.0	403.7	0.0	0.0	0.0	0.0	1229.7	0.0	0.0	0.0	5.8	0.0
Kentucky	0.0	0.0	0.0	0.0	0.0	539.9	1908.0	0.0	0.0	21837.8	0.0	0.0	0.0	0.0
Maryland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1001.7	0.0	0.0	0.0
Massachusetts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Michigan	0.0	0.0	0.0	0.0	0.0	846.7	1.3	0.0	0.0	9131.7	0.0	0.0	3727.0	0.0
Minnesota	0.0	0.0	10.9	0.0	0.0	705.2	0.0	0.0	0.0	26.2	0.0	0.0	11449.5	0.0
Mississippi	685.5	0.0	0.0	675.1	0.0	260.5	0.0	0.0	0.0	870.5	0.0	0.0	0.0	0.0
Missouri	0.0	0.0	0.0	894.0	0.0	12083.8	81.0	1.4	595.3	108.0	0.0	4110.2	0.0	279.0
Montana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3510.9	0.0
Nebraska	0.0	0.0	0.0	278.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nevada	0.0	3039.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	195.6
New Hampshire	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
New Jersey	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	24.4	0.0	0.0	0.0	0.0
New Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	876.3
New York	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	401.0	7.3	0.0	0.0	0.0
North Carolina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10849.4	0.0	0.0	0.0	0.0
North Dakota	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0
Ohio	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12445.6	28.5	0.0	0.0	0.0
Oklahoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oregon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pennsylvania	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.6	326.4	0.0	0.0	0.0
South Carolina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5357.7	0.0	0.0	0.0	0.0
South Dakota	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tennessee	4.3	0.0	0.0	0.0	0.0	483.4	522.7	0.0	0.0	17430.5	0.0	0.0	0.0	0.0
Texas	0.0	0.0	0.0	33.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1609.0	76.0
Utah	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Vermont	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1969.4	0.0	0.0	0.0	0.0
Washington	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Virginia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2679.0	255.0	0.0	0.0	0.0
Wisconsin	0.0	0.0	0.0	0.0	0.0	3866.8	314.2	0.0	0.0	2033.7	55.2	0.0	2718.5	0.0
Wyoming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14936.4	11045.7	10.9	11497.8	10.7	30592.8	26717.7	557.6	1825.0	110869.0	1674.0	4603.0	28123.7	13,398.8

Table 24. Origin and Destination of Coal Deliveries to Electric Utilities in 1979 (Continued)
(Thousand Tons)

Origin	N. Dakota	Ohio	Oklahoma	Penn.	S. Dakota	Tenn.	Texas	Utah	Virginia	Wash.	W. Virg.	Wyoming	Import	U.S. Total
Destination														
Alabama	0.0	811.0	7.8	18.1	0.0	751.0	0.0	0.0	10.1	0.0	243.7	0.0	0.0	18572.4
Arkansas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1557.0	0.0	1557.0
Arizona	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12179.2
Colorado	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3035.9	0.0	9385.5
Delaware	0.0	0.0	0.0	998.5	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0	0.0	1010.9
Florida	0.0	0.0	73.7	0.0	0.0	20.3	0.0	0.0	0.0	0.0	0.0	0.0	1571.6	7949.5
Georgia	0.0	68.0	0.0	0.0	0.0	1633.2	0.0	0.0	323.6	0.0	0.0	0.0	0.0	19212.2
Illinois	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102.8	156.0	0.0	130.0	9089.2	0.0	36550.3
Indiana	0.0	411.8	0.0	0.0	0.0	0.0	0.0	1333.7	0.0	0.0	27.3	1895.7	0.0	36922.2
Iowa	0.0	0.0	201.5	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.9	7823.5	0.0	11845.7
Kansas	0.0	0.0	939.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	6450.5	0.0	9039.4
Kentucky	0.0	171.0	0.0	0.0	0.0	160.0	0.0	0.0	606.5	0.0	406.9	0.6	0.0	25630.7
Maryland	0.0	0.0	0.0	3653.3	0.0	0.0	0.0	0.0	0.0	0.0	787.0	0.0	0.0	5442.0
Massachusetts	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.0
Michigan	0.0	5014.6	0.0	830.4	0.0	0.0	0.0	0.0	139.0	0.0	4572.8	0.0	0.0	24263.5
Minnesota	699.9	8.3	10.7	7.2	0.0	44.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12962.3
Mississippi	0.0	0.0	7.3	0.0	0.0	0.0	0.0	254.0	0.0	0.0	0.0	0.0	0.0	2752.9
Missouri	0.0	0.0	1521.3	0.0	0.0	0.0	0.0	1.0	673.0	0.0	0.0	2434.1	0.0	22782.1
Montana	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3510.9
Nebraska	0.0	0.0	6.0	0.0	0.0	0.0	0.0	261.5	0.0	0.0	0.0	3641.7	0.0	4187.5
Nevada	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1107.6	0.0	0.0	0.0	0.0	0.0	4341.6
New Hampshire	0.0	0.0	0.0	28.4	0.0	0.0	0.0	0.0	0.0	0.0	1022.0	0.0	0.0	1050.4
New Jersey	0.0	0.0	0.0	461.3	0.0	0.0	0.0	0.0	467.6	0.0	1317.9	0.0	0.0	2282.0
New Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8676.3
New York	0.0	0.0	0.0	5644.4	0.0	0.0	0.0	0.0	2.0	0.0	178.6	0.0	0.0	6233.3
North Carolina	0.0	0.0	0.0	0.0	0.0	405.3	0.0	0.0	6493.4	0.0	3285.3	0.0	0.0	21033.4
North Dakota	9430.0	0.0	0.0	0.0	168.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9601.6
Ohio	0.0	27583.3	0.0	1622.3	0.0	0.0	0.0	0.1	97.9	0.0	7951.7	3648.5	0.0	53376.9
Oklahoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4367.4	0.0	4367.4
Oregon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0
Pennsylvania	0.0	1991.1	0.0	3840.9	0.0	0.0	0.0	0.0	0.0	0.0	4778.8	0.0	0.0	41031.8
South Carolina	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	966.2	0.0	30.9	0.0	0.0	6374.7
South Dakota	2477.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	259.6	0.0	2736.9
Tennessee	0.0	1993.8	8.1	13.6	0.0	4410.5	0.0	0.0	532.2	0.0	95.7	0.0	0.0	25494.7
Texas	0.0	0.0	0.0	0.0	0.0	0.0	24802.0	0.0	0.0	0.0	0.0	8640.5	41.7	35202.3
Utah	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4246.0	0.0	0.0	0.0	0.0	0.0	4246.0
Vermont	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9
Virginia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2635.6	0.0	800.2	0.0	0.0	5405.2
Washington	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4800.0	0.0	0.0	0.0	4800.0
West Virginia	0.0	374.1	0.0	73.4	0.0	0.0	0.0	0.0	576.0	0.0	23879.3	0.0	0.0	27837.8
Wisconsin	0.0	329.1	37.9	1289.7	0.0	0.0	0.0	0.0	0.0	0.0	93.8	2530.2	0.0	13269.0
Wyoming	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13425.1	0.0	13425.1
	12607.1	38763.0	2813.3	8494.3	168.3	7444.8	24802.0	7328.4	13679.0	4800.0	49617.9	68800.5	1613.2	556558.0

Imported Coal Delivered to Electric Utilities

Electric utilities imported 1.6 million tons of coal from abroad in 1979, which amounted to only one half of one percent of the total electric utility coal demand. The coal averaged less than one percent sulfur and was delivered at an average price of $37.23 per ton.

As shown in Table 25, there were three utilities (identified by 1/) which received coal from abroad in 1979.

Table 25. Imported Coal Deliveries to Electric Utilities, 1973-1979

Utility Name Year	Country	Quantity Thousand tons	Average Btu per Pound	Cents per Million Btu	Dollars per ton	Percent Sulfur
Alabama Power Co.						
1974	Australia	71.3	11,436	142.9	32.69	0.85
1975	Australia	36.7	11,074	151.8	33.62	0.60
1978	Australia	805.0	11,559	155.9	36.05	0.54
Baltimore Gas & Elec.						
1976	Poland	8.0	11,951	133.7	31.95	0.66
Central Power & Light 1/						
1979	South Africa	41.7	10,931	174.8	38.22	0.43
Gulf Power 1/						
1974	South Africa	65.3	12,101	99.3	24.03	0.76
1975	South Africa	259.1	11,849	122.0	28.92	0.57
1975	Australia	33.0	11,115	194.0	43.13	0.50
1975	Canada	39.0	11,306	193.0	43.63	0.40
1976	South Africa	747.6	11,667	108.8	25.39	0.59
1977	South Africa	746.0	11,663	128.3	29.92	0.74
1978	South Africa	861.8	11,880	146.0	34.70	0.62
1979	South Africa	898.1	11,915	160.2	38.17	0.64
Mississippi Power						
1977	South Africa	59.5	11,514	119.9	27.61	0.67
1977	Australia	117.5	11,364	141.2	32.09	0.64
Montaup Electric						
1973	Poland	12.7	12,205	79.0	19.28	0.80
1974	Poland	148.5	12,043	97.5	23.48	0.68
1975	Poland	16.7	11,725	97.5	22.86	0.70
New England Power						
1974	Poland	366.0	12,660	91.4	23.04	0.66
1974	South Africa	198.0	11,962	146.3	34.99	0.64
1974	Australia	117.0	12,270	149.7	36.74	0.62
1975	Poland	123.0	12,523	92.7	23.23	0.58
1975	South Africa	36.0	12,091	144.7	34.99	0.70
1975	Australia	29.0	12,331	149.0	36.74	0.50
Public Service of N.H.						
1978	Poland	60.7	12,447	147.0	36.60	1.83
Tampa Electric 1/						
1976	Poland	309.5	12,070	107.8	26.01	1.01
1977	Poland	305.1	11,889	127.6	30.33	1.31
1978	Poland	717.9	11,874	141.1	33.51	0.86
1978	South Africa	90.5	11,000	143.7	31.62	1.41
1978	Australia	56.6	11,700	159.8	37.39	0.50
1979	Poland	548.6	11,874	152.7	36.27	0.84
1979	South Africa	67.6	11,757	139.1	32.71	0.80
1979	Australia	57.3	11,700	155.5	36.39	0.50

1/ Utilities which received coal from abroad in 1979.

Comparison of 1979 Sulfur Regulations with the Sulfur Content of Coal Delivered to Electric Utilities

In 1979, coal deliveries to 397 plants reporting coal purchases on Form 423 totaled 556.6 million tons. A plant-by-plant comparison of the sulfur content of each coal shipment with the State Implementation Plan (SIP) and New Source Performance Standard (NSPS) regulations for sulfur dioxide (SO2) emissions effective January 1979 4/, shows that 372.4 million tons, or 66.9 percent of all the coal, complied with the 1979 SO2 emission regulations as delivered. If, however, plants receiving both complying and noncomplying coal blended these shipments, an additional 28.5 million tons could have been brought into compliance, increasing the quantity of complying coal to 400.9 million tons, or 72 percent of the total. Still remaining out of compliance would be 155.7 million tons, or 28 percent of all 1979 coal shipments to electric utilities. The detailed plant-by-plant information is presented in Chapter 5 and is summarized by State in Table 26.

The quantity of nonconforming coal is in reality greater than 155.7 million tons. Plants which have a residual quantity of nonconforming coal after blending are not in compliance with SO2 regulations; hence, the entire quantity (including the portion having sulfur levels less than SIP or NSPS requirements) is nonconforming. Thus, out of the 397 plants reporting coal deliveries only 283 would be out of compliance with SO2 emission standards for the entire quantity of coal delivered, while 114 plants, which received approximately 191.8 million tons of coal during the year, would not be in compliance. This study only compares the sulfur content of the coal against the SIP regulations with each coal-burning power plant will ultimately have to comply; it does not consider any compliance strategy in effect at the present time. Thus, most of the 114 plants with residual quantities of coal exceeding SIP or NSPS sulfur regulations may be operating under an approved variance providing a schedule of compliance at some future date, or may have an operational Flue Gas Desulfurization (FGD) system for meeting SO2 emission regulations.

4/ The sulfur regulations used in this analysis were provided by the Environmental Protection Agency (EPA) and reflect SIP revisions as of January 1979.

Table 26. Coal Deliveries to Steam Plants in 1979 Conforming or Nonconforming to 1979 Sulfur Regulations (Thousand Tons)

Geographic Region and State	Total Deliveries	Before Blending: Quantity Conforming	Before Blending: Percent of Total	Before Blending: Quantity Nonconforming	Before Blending: Percent of Total	After Blending: Quantity Conforming	After Blending: Percent of Total	After Blending: Quantity Nonconforming	After Blending: Percent of Total
New England									
Massachusetts	2.00	0.00	0.0	2.0	100.0	0.00	0.0	2.0	100.0
New Hampshire	1050.40	1,050.40	100.0	0.0	0.0	1,050.40	100.0	0.0	0.0
Vermont	12.93	0.0	0.0	12.93	100.0	0.0	0.0	12.93	100.0
Total	1,065.33	1,050.40	98.6	14.93	1.4	1,050.40	98.6	14.93	1.4
Middle Atlantic									
New Jersey	2,282.03	4.74	0.2	2,277.29	99.8	4.74	0.2	2,277.29	99.8
New York	6,233.33	4,729.03	75.9	1,504.30	24.1	6,157.16	98.8	76.17	1.2
Pennsylvania	41,031.78	25,055.72	61.1	15,976.06	38.9	29,303.55	71.4	11,728.23	28.6
Total	49,547.14	29,789.49	60.1	19,757.65	39.9	35,465.44	71.6	14,081.70	28.4
East South Central									
Illinois	36,550.35	21,566.32	59.0	14,984.02	41.0	23,158.85	63.4	13,391.50	36.6
Indiana	36,922.19	20,499.41	55.5	16,422.78	44.5	20,710.83	56.1	16,211.36	43.9
Michigan	24,263.51	13,290.27	54.8	10,973.24	45.2	15,123.66	62.3	9,139.85	37.7
Ohio	53,376.92	30,556.26	57.2	22,820.66	42.8	34,676.07	65.0	18,700.85	35.0
Wisconsin	13,269.03	10,579.47	79.7	2,689.56	20.3	11,508.84	86.7	1,760.19	13.3
Total	164,382.00	96,491.73	58.7	67,890.26	41.3	105,178.26	64.0	59,203.74	36.0
West North Central									
Iowa	11,845.68	10,546.22	89.0	1,299.46	11.0	11,273.01	95.2	572.67	4.8
Kansas	9,039.39	7,191.82	79.6	1,847.56	20.4	7,750.03	85.7	1,289.36	14.3
Minnesota	12,962.31	12,184.01	94.0	778.30	6.0	12,603.43	97.2	358.88	2.8
Missouri	22,782.10	21,257.10	93.3	1,525.00	6.7	21,579.13	94.7	1,202.97	5.3
Nebraska	4,187.46	4,187.46	100.0	0.0	0.0	4,187.46	100.0	0.0	0.0
North Dakota	9,601.58	8,453.88	88.0	1,147.70	12.0	8,453.88	88.0	1,147.70	12.0
South Dakota	2,736.89	2,736.89	100.0	0.0	0.0	2,736.89	100.0	0.0	0.0
Total	73,155.41	66,557.38	91.0	6,598.02	9.0	68,583.84	93.8	4,571.57	6.2
South Atlantic									
Delaware	1,010.90	1,010.90	100.0	0.0	0.0	1,010.90	100.0	0.0	0.0
Florida	7,949.51	3,436.28	43.2	4,513.23	56.8	3,580.85	45.0	4,368.66	55.0
Georgia	19,212.20	14,141.90	73.6	5,070.30	26.4	14,561.60	75.8	4,650.60	24.2
Maryland	5,441.99	3,868.28	71.1	1,573.71	28.9	4,331.53	79.6	1,110.46	20.4
North Carolina	21,033.40	19,542.53	92.9	1,490.85	7.1	21,033.40	100.0	0.0	0.0
South Carolina	6,374.68	4,507.87	70.7	1,866.81	29.3	4,892.90	76.8	1,481.78	23.2
Virginia	5,405.19	5,376.59	99.5	28.60	0.5	5,405.19	100.0	0.0	0.0
West Virginia	27,837.30	16,308.67	58.6	11,528.63	41.4	21,137.09	75.9	6,700.21	24.1
Total	94,265.17	68,193.02	72.3	26,072.13	27.7	75,953.46	80.6	18,311.71	19.4
East South Central									
Alabama	18,572.40	10,451.89	56.3	8,120.53	43.7	10,884.40	58.6	7,688.00	41.4
Kentucky	25,630.71	11,733.62	45.8	13,897.09	54.2	13,209.58	51.5	12,421.13	48.5
Mississippi	2,752.90	990.10	36.0	1,762.80	64.0	990.10	36.0	1,762.80	64.0
Tennessee	25,494.70	11,855.56	46.5	13,639.14	53.5	13,156.56	51.6	12,338.14	48.4
Total	72,450.71	35,031.17	48.4	37,419.56	51.6	38,240.63	52.8	34,210.08	47.2
West South Central									
Arkansas	1,557.00	1,557.00	100.0	0.0	0.0	1,557.00	100.0	0.0	0.0
Oklahoma	4,367.39	4,358.46	99.8	8.93	0.2	4,367.39	100.0	0.0	0.0
Texas	35,202.30	15,564.30	44.2	19,638.00	55.8	15,564.30	44.2	19,638.00	55.8
Total	41,126.69	21,479.76	52.2	19,646.93	47.8	21,488.69	52.2	19,638.00	47.8
Mountain									
Arizona	12,179.22	10,768.36	88.4	1,410.85	11.6	11,285.95	92.7	893.27	7.3
Colorado	9,385.47	9,385.47	100.0	0.0	0.0	9,385.47	100.0	0.0	0.0
Montana	3,510.90	3,292.00	93.8	218.90	6.2	3,510.90	100.0	0.0	0.0
Nevada	4,341.60	0.0	0.0	4,341.60	100.0	0.0	0.0	4,341.60	100.0
New Mexico	8,676.30	8,676.30	100.0	0.0	0.0	8,676.30	100.0	0.0	0.0
Utah	4,246.00	4,219.00	99.4	27.00	0.6	4,246.00	100.0	0.0	0.0
Wyoming	13,425.06	12,667.06	94.4	758.00	5.6	12,988.19	96.7	436.87	3.3
Total	55,764.55	49,008.19	87.9	6,756.35	12.1	50,092.82	89.8	5,671.73	10.2
Pacific									
Oregon	1.02	1.02	100.0	0.0	0.0	1.02	100.0	0.0	0.0
Washington	4,800.00	4,800.00	100.0	0.0	0.0	4,800.00	100.0	0.0	0.0
Total	4,801.02	4,801.02	100.0	0.0	0.0	4,801.02	100.0	0.0	0.0
U. S. Total	556,558.02	372,402.16	66.9	184,155.83	33.1	400,854.56	72.0	155,703.46	28.0

The vast majority of the coal not complying with sulfur regulations was produced from Eastern mines for delivery to Eastern power plants. Of the 155.7 million tons of noncomplying coal purchased by utilities in 1979, nearly 81 percent, or about 125.8 million tons, was delivered to plants sited in geographic regions east of the Mississippi River. Moreover, most of these noncomplying shipments went to plants in Ohio, Indiana, Illinois, Kentucky, Tennessee, Pennsylvania, Michigan, Alabama and West Virginia, states in which coal is the predominant boiler fuel. As shown in Table 27, the bulk of the coal purchased by Western powerplants complied with sulfur regulations, with much of the non-complying coal in those states going to plants in Texas (19.6 million tons) and Nevada (4.3 million tons).

Between 1978 and 1979 total coal shipments to electric utilities increased by 80.3 million tons, while the quantities of coal complying with SO2 emission regulations as received increased by 72 million tons, reflecting increased compliance with environmental regulations.

The calculations of conforming and nonconforming coal (after blending) are based on an annual averaging of the entire quantity of coal delivered to each plant during the year. The sulfur variability in coal from shipment-to-shipment, even in coal from the same mine, may be considerable, and many power plants which appear to be complying with SIP and NSPS regulations exceed the 3-hour regulations more than once a year.

Table 28 identifies electric utilities using FGD systems for compliance with SO2 emission regulations.

The number of installed FGD units increased from 45 in 1978 to 57 in 1979. During 1979, the capacity of FGD systems increased 27.6 percent from 16,424 to 20,949 megawatts.

Table 27. Regional Summary of Coal Deliveries to Electric Utilities In 1978 and 1979 Conforming to Sulfur Regulations After Blending (Thousand Tons)

Destination	1978 Total Deliveries	1978 Quantity Conforming	1978 Percent of Total	1979 Total Deliveries	1979 Quantity Conforming	1979 Percent of Total
Eastern Regions						
New England	760	760	100.0	1,065	1,050	98.6
Mid-Atlantic	41,605	30,827	74.1	49,547	35,465	71.6
East North Central	142,064	85,071	59.9	164,382	105,178	64.0
South Atlantic	85,565	66,039	77.2	94,265	75,953	80.6
East South Central	64,712	29,516	45.6	72,451	38,241	52.8
Subtotal	334,706	212,213	63.4	381,710	255,887	67.0
Western Regions						
West North Central	63,318	59,236	93.6	73,155	68,584	93.8
West South Central	27,941	15,076	54.0	41,127	21,489	52.2
Mountain	45,404	41,671	91.3	55,765	50,093	89.8
Pacific	4,800	4,800	100.0	4,801	4,801	100.0
Subtotal	141,463	120,783	85.4	174,848	144,967	82.9
Total	476,169	332,995	69.9	556,558	400,855	72.0

Table 28. FGD Capacity In Operation as of December 1979 1/

	Company	Plant Name and Unit Number	Net Plant Generating Capacity Megawatt	Net Unit Generating Capacity with FGD System Megawatt	Initial Start up Date of FGD System	Average Percent Sulfur Content	FGD Status	FGD Process	Designed SO2 Removal Percent Efficiency	Cost of FGD System: Installed Cost Dollars Per Kilowatt	Cost of FGD System: Operation and Maintenance Cost Mills per Kilowatthours
1.	Alabama Electric Coop.	Tombighee #2	525	235	9/78	1.15	New	Limestone	85.0	69.5	NA
	Alabama Electric Coop.	Tombighee #3		235	6/78	1.15	New	Limestone	85.0	69.5	NA
2.	Arizona Electric Pwr. Coop.	Apache #2	590	175	8/78	0.62	New	Limestone	85.0	44.0	2.10
	Arizona Electric Pwr. Coop.	Apache #3		183	6/79	0.62	New	Limestone	85.0	44.0	2.10
3.	Arizona Pub. Serv. Co.	Cholla #1	615	115	12/73	0.72	Retrofit	Limestone	92.0	52.0	2.19
	Arizona Pub. Serv. Co.	Cholla #2		250	4/78	0.72	New	Limestone	75.0	NA	2.19
4.	Big River Elec. Pwr. Coop.	B. D. Green	484	200	12/79	3.75	New	Lime	90.0	93.2	NA
5.	Central Illinois Light	Duck Creek #1	378	378	7/78	3.20	New	Limestone	85.0	93.3	3.30
6.	Central Illinois Pub. Serv.	Newton	617	575	9/79	4.00	New	Dual Alkali	95.0	189.0	NA
7.	Springfield Electric Utils.	Southwest #1	173	173	4/77	3.45	New	Limestone	80.0	81.3	6.17
8.	Columbus and So. Ohio Elec.	Conesville #5	2100	375	1/77	4.67	New	Lime	89.0	55.5	5.80
	Columbus and So. Ohio Elec.	Conesville #6		375	6/78	4.67	New	Lime	89.5	55.5	5.80
9.	Cooperative Pwr. Assn.	Coal Creek #1	1100	495	8/79	0.63	New	Lime/Alkaline Flyash	90.0	NA	NA
10.	Duquesne Light	Elrama	494	475	10/75	1.92	Retrofit	Lime	83.0	113.5	8.62
	Duquesne Light	Philips	387	373	7/73	1.92	Retrofit	Lime	83.0	107.0	7.83
11.	Indianapolis Pwr. & Lt.	Petersburg #3	1180	515	12/77	3.25	New	Limestone	85.0	99.5	6.96
12.	Kansas City Pwr. & Lt.	Hawthrown #3	836	85	11/72	2.00	Retrofit	Lime	70.0	29.2	8.40
	Kansas City Pwr. & Lt.	Hawthrown #4		85	8/72	2.00	Retrofit	Lime	70.0	29.2	8.40
	Kansas City Pwr. & Lt.	LaCygne	1450	820	2/73	5.39	New	Limestone	80.0	53.6	1.30
13.	Kentucky Utilities	Green River 1-3	242	60	9/75	4.00	Retrofit	Lime	80.0	70.3	14.30
14.	Louisville Gas & Elec.	Cane Run #4	992	175	8/76	3.75	Retrofit	Lime	85.0	66.5	NA
	Louisville Gas & Elec.	Cane Run #5		192	12/77	3.75	Retrofit	Lime	85.0	62.4	NA
	Louisville Gas & Elec.	Cane Run #6		269	4/79	4.80	Retrofit	Dual Alkali	95.0	57.9	3.20
	Louisville Gas & Elec.	Paddy's Run #6	302	67	4/73	2.50	Retrofit	Lime	90.0	52.8	NA
	Louisville Gas & Elec.	Mill Creek #3	1079	420	8/78	3.75	New	Lime	85.0	NA	NA
15.	Minnkota Power Coop.	Milton R. Young #2	690	402	9/77	0.70	New	Lime/Alkaline Flyash	85.0	85.9	NA
16.	Monongahela Power	Pleasants #1	1250	625	3/79	3.70	New	Lime	90.0	NA	NA
17.	Nevada Power	Reid Gardner #1	342	110	4/74	0.50	Retrofit	Sodium Carbonate	90.0	42.9	2.10
	Nevada Power	Reid Gardner #2		110	4/74	0.50	Retrofit	Sodium Carbonate	90.0	42.9	2.10
	Nevada Power	Reid Gardner #3		110	7/76	0.50	New	Sodium Carbonate	85.0	113.6	2.10
18.	Northern Indiana Pub. Serv.	Dean H. Mitchell #11	115	94	7/76	3.50	Retrofit	Wellman-Lord	90.0	156.9	14.90
19.	Northern States Power	Sherburn #1	3200	700	3/76	0.80	New	Limestone/ Aklaline Flyash	50.0	47.9	2.00
	Northern States Power	Sherburn #2		700	4/77	0.80	New	Limestone/ Aklaline Flyash	50.0	47.9	2.00
20.	Pacific Pwr. & Light	Jim Bridger	2034	507	9/79	0.60	New	Sodium Carbonate	91.0	120.0	NA
21.	Pennsylvania Power	Bruce Mansfield #1	2751	825	12/75	3.00	New	Lime	92.0	120.6	14.30
	Pennsylvania Power	Bruce Mansfield #2		825	7/77	3.00	New	Lime	92.0	120.6	14.30
22.	Public Serv. of New Mexico	San Juan #1	1193	314	4/78	0.80	Retrofit	Wellman-Lord	85.0	127.9	NA
	Public Serv. of New Mexico	San Juan #2		305	8/78	0.80	Retrofit	Wellman-Lord	85.0	127.9	NA
	Public Serv. of New Mexico	San Juan #3		468	12/79	0.80	New	Wellman-Lord	90.0	NA	NA
23.	Salt River Project	Coronado #1	395	350	11/79	1.00	New	Limestone	82.5	74.0	NA
24.	South Carolina Pub. Serv.	Georgetown #2	315	258	7/77	1.70	New	Limestone	69.0	47.4	1.60
25.	South Mississippi Elec. Pwr.	R. D. Morrow #1	400	180	8/78	1.30	New	Limestone	85.0	235.5	NA
	South Mississippi Elec. Pwr.	R. D. Morrow #2		180	6/79	1.30	New	Limestone	85.0	235.5	NA
26.	South Illinois Power Coop.	Marion #4	270	160	5/79	3.50	New	Limestone	89.4	NA	NA
27.	Southern Indiana Gas & Elec.	A. B. Brown #1	265	250	3/79	4.50	New	Dual Alkali	85.0	43.2	NA
28.	Tennessee Valley Authority	Widows Creek #8	1980	516	5/77	3.70	Retrofit	Limestone	80.0	113.2	5.2
29.	Texas Power & Light	Martin Lake #1	3000	750	4/77	0.90	New	Limestone	71.0	NA	NA
	Texas Power & Light	Martin Lake #2		750	5/78	0.90	New	Limestone	71.0	NA	NA
	Texas Power & Light	Martin Lake #3		750	2/79	0.90	New	Limestone	71.0	NA	NA
	Texas Power & Light	Monticello #3	1900	750	5/78	1.50	New	Limestone	74.0	25.0	NA
30.	The Kansas Pwr. & Lt.	Jeffrey Energy Center	2720	680	8/78	0.32	New	Limestone	80.0	NA	NA
	The Kansas Pwr. & Lt.	Lawrence #4	576	115	1/76	0.55	Retrofit	Limestone	73.0	82.0	1.65
	The Kansas Pwr. & Lt.	Lawrence #5		400	11/71	0.55	Retrofit	Limestone	52.0	17.7	0.73
31.	The Montana Power	Colstrip #1	664	332	9/75	0.77	New	Lime/Alkaline Flyash	60.0	77.3	4.06
	The Montana Power	Colstrip #2		332	5/76	0.77	New	Lime/Alkaline Flyash	60.0	77.3	4.06
32.	Utah Power & Light	Hunter #1	446	400	5/79	0.55	New	Lime	80.0	NA	NA
	Utah Power & Light	Huntington #1	910	400	5/78	0.55	New	Lime	80.0	NA	NA

1/ The line numbers in this table correspond to the numbers in column (11) of the table in Chapter 5 of this report, which is a description of steam plants meeting or not meeting 1979 sulfur regulations.

FERC

Explanation of Tables

1. The number of reporting companies and plants in Tables 1, 5, 9, 12, and 15 include those which had at least one delivery of a particular fuel during the year. Because either a company or a plant may have certain years where no deliveries are made, the number of reporting companies and plants varies from year to year.

2. The price as reported on Form 423 is in cents per million Btu. The annual averages for the three fossil fuels, by state and region, appear in Tables 2, 3, 6, 7, 10, 13, and 16. However, also included are average prices in dollars per ton of coal in Tables 2 and 3; dollars per barrel of oil in Tables 6, 7, and 13; and dollars per Mcf of gas in Tables 10 and 16. These prices were computed for each state and region as follows.

   Coal: (Average $ per ton) = Average Btu per lb. x Average price (cents per million Btu) x 2000 (lbs. per ton) x 10^{-8}

   Oil: (Average $ per barrel) = Average Btu per gal. x Average price (cents per million Btu) x 42 (gal. per barrel) x 10^{-8}

   Gas: (Average $ per barrel) = Average Btu per cu. ft. x Average price (cents per million Btu) x 10^{-5}

3. Therefore, the average Btu of a fuel can be calculated as follows:

$$\text{Coal: Average Btu per lb.} = \frac{\text{Average price (\$ per ton)} \times 10^{8}}{\text{Average price (cents per million Btu)} \times 2000}$$

$$\text{Oil: Average Btu per gal.} = \frac{\text{Average price (\$ per bbl.)} \times 10^{8}}{\text{Average price (cents per million Btu)} \times 42}$$

$$\text{Gas: Average Btu per cu. ft.} = \frac{\text{Average price (\$ per Mcf)} \times 10^{5}}{\text{Average price (cents per million Btu)}}$$

4. Variations in the average price per million Btu in relation to the average price in dollars per ton of coal and dollars per Mcf of gas occur because of the wide ranges in average Btu content of some of the fuel types. For instance, the heat content of bituminous coal can be above 13,000 Btu's per pound while lignite rarely contains more than 7,500 Btu's per pound. Also, the heat content of refinery gas can be upwards of 1,200 Btu's per cubic foot while blast furnace gas contains approximately 90 Btu's per cubic foot.

5. The total gas reported on Tables 11 and 17 do not include off peak gas. Off peak gas accounts for less than one half of one percent of the total gas deliveries.

6. Pacific Gas and Electric Company's (PG&E) Avon, Martinez, and Oleum plants have arrangements with adjacent refineries in which steam and/or electricity is exchanged for fuel (natural gas or oil). The cost accounting developed by PG&E does not reflect the true cost of the natural gas or oil used at these plants. To get more representative cost of fuels, a weighted average of the costs of natural gas and oil, as reported by all other PG&E plants for the month, has been assigned to the fuels involved in the exchanged arrangement at the three plants.

TABLE 1

1979 COAL DELIVERIES TO STEAM-ELECTRIC PLANTS

GEOGRAPHIC REGION AND STATE	LINE	NUMBER OF REPORTING		QUANTITY AND TYPE OF COAL RECEIVED IN THOUSANDS OF TONS					LINE
		COM-PANIES	PLANTS	ANTHRACITE	BITUMINOUS	SUB-BITUMINOUS	LIGNITE	TOTAL	
NEW ENGLAND									
CONNECTICUT	2	0	0	0.0	0.0	0.0	0.0	0.0	2
MAINE	3	0	0	0.0	0.0	0.0	0.0	0.0	3
MASSACHUSETTS	4	1	1	0.0	2.0	0.0	0.0	2.0	4
NEW HAMPSHIRE	5	1	1	0.0	1,050.4	0.0	0.0	1,050.4	5
RHODE ISLAND	6	0	0	0.0	0.0	0.0	0.0	0.0	6
VERMONT	7	1	1	0.0	12.9	0.0	0.0	12.9	7
..... TOTAL	9	3	3	0.0	1,065.3	0.0	0.0	1,065.3	9
MIDDLE ATLANTIC									
NEW JERSEY	12	3	4	0.0	2,282.0	0.0	0.0	2,282.0	12
NEW YORK	13	4	10	0.0	6,233.3	0.0	0.0	6,233.3	13
PENNSYLVANIA	14	8	26	1,146.4	39,885.4	0.0	0.0	41,031.8	14
..... TOTAL	16	15	40	1,146.4	48,400.8	0.0	0.0	49,547.1	16
EAST NORTH CENTRAL									
ILLINOIS	19	8	25	0.0	23,409.3	13,141.1	0.0	36,550.3	19
INDIANA	20	12	26	0.0	35,499.2	1,423.0	0.0	36,922.2	20
MICHIGAN	21	10	22	0.0	21,763.5	2,500.0	0.0	24,263.5	21
OHIO	22	14	30	0.0	51,866.1	1,510.8	0.0	53,376.9	22
WISCONSIN	23	9	19	0.0	8,571.0	4,698.0	0.0	13,269.0	23
..... TOTAL	25	53	122	0.0	141,109.1	23,272.9	0.0	164,382.0	25
WEST NORTH CENTRAL									
IOWA	28	12	22	0.0	8,640.6	3,205.1	0.0	11,845.7	28
KANSAS	29	5	8	0.0	7,928.2	1,111.2	0.0	9,039.4	29
MINNESOTA	30	11	18	0.0	944.3	11,318.1	699.9	12,962.3	30
MISSOURI	31	11	19	0.0	22,411.3	370.8	0.0	22,782.1	31
NEBRASKA	32	3	6	0.0	267.6	3,919.9	0.0	4,187.5	32
NORTH DAKOTA	33	5	6	0.0	0.0	0.0	9,601.6	9,601.6	33
SOUTH DAKOTA	34	2	3	0.0	0.0	259.6	2,477.3	2,736.9	34
..... TOTAL	36	49	82	0.0	40,192.0	20,184.7	12,778.7	73,155.4	36
SOUTH ATLANTIC									
DELAWARE	39	1	1	0.0	1,010.9	0.0	0.0	1,010.9	39
DISTRICT OF COLUMBIA	40	0	0	0.0	0.0	0.0	0.0	0.0	40
FLORIDA	41	3	6	0.0	7,949.5	0.0	0.0	7,949.5	41
GEORGIA	42	2	9	0.0	19,212.2	0.0	0.0	19,212.2	42
MARYLAND	43	3	5	0.0	5,442.0	0.0	0.0	5,442.0	43
NORTH CAROLINA	44	2	13	0.0	21,033.4	0.0	0.0	21,033.4	44
SOUTH CAROLINA	45	4	9	0.0	6,374.7	0.0	0.0	6,374.7	45
VIRGINIA	46	4	7	0.0	5,405.2	0.0	0.0	5,405.2	46
WEST VIRGINIA	47	5	13	0.0	27,837.3	0.0	0.0	27,837.3	47
..... TOTAL	49	24	63	0.0	94,265.2	0.0	0.0	94,265.2	49
EAST SOUTH CENTRAL									
ALABAMA	52	3	9	0.0	18,572.4	0.0	0.0	18,572.4	52
KENTUCKY	53	8	19	0.0	25,630.7	0.0	0.0	25,630.7	53
MISSISSIPPI	54	3	4	0.0	2,752.9	0.0	0.0	2,752.9	54
TENNESSEE	55	1	8	0.0	25,494.7	0.0	0.0	25,494.7	55
..... TOTAL	57	15	40	0.0	72,450.7	0.0	0.0	72,450.7	57
WEST SOUTH CENTRAL									
ARKANSAS	60	1	1	0.0	0.0	1,557.0	0.0	1,557.0	60
LOUISIANA	61	0	0	0.0	0.0	0.0	0.0	0.0	61
OKLAHOMA	62	2	3	0.0	949.6	3,417.8	0.0	4,367.4	62
TEXAS	63	7	9	0.0	74.8	10,325.5	24,802.0	35,202.3	63
..... TOTAL	65	10	13	0.0	1,024.4	15,300.3	24,802.0	41,126.7	65
MOUNTAIN									
ARIZONA	68	3	4	0.0	1,389.0	10,790.2	0.0	12,179.2	68
COLORADO	69	4	10	0.0	1,595.1	7,790.4	0.0	9,385.5	69
IDAHO	70	0	0	0.0	0.0	0.0	0.0	0.0	70
MONTANA	71	2	3	0.0	0.0	3,207.0	303.9	3,510.9	71
NEVADA	72	2	2	0.0	1,107.6	3,234.0	0.0	4,341.6	72
NEW MEXICO	73	2	2	0.0	0.0	8,676.3	0.0	8,676.3	73
UTAH	74	1	5	0.0	4,246.0	0.0	0.0	4,246.0	74
WYOMING	75	3	6	0.0	0.0	13,425.1	0.0	13,425.1	75
..... TOTAL	77	17	32	0.0	8,337.7	47,123.0	303.9	55,764.5	77
PACIFIC									
CALIFORNIA	80	0	0	0.0	0.0	0.0	0.0	0.0	80
OREGON	81	1	1	0.0	0.0	1.0	0.0	1.0	81
WASHINGTON	82	1	1	0.0	0.0	4,800.0	0.0	4,800.0	82
..... TOTAL	84	2	2	0.0	0.0	4,801.0	0.0	4,801.0	84
UNITED STATES TOTAL	86	188	397	1,146.4	406,845.1	110,681.9	37,884.6	556,558.0	86

TABLE 2

AVERAGE DELIVERED PRICES OF COAL AT STEAM-ELECTRIC PLANTS, 1979

GEOGRAPHIC REGION AND STATE	LINE	PURCHASE PRICE BY TYPE OF PURCHASE						PURCHASE PRICE BY TYPE OF MINING METHOD						LINE
		CONTRACT PURCHASES	AVG. CONTRACT PRICE		SPOT PURCHASES	AVG. SPOT PRICE		STRIP AND AUGER			UNDERGROUND			
									AVG. PRICE			AVG. PRICE		
		1000 TONS	¢ PER 10^6 BTU	$ PER TON	1000 TONS	¢ PER 10^6 BTU	$ PER TON	QUANTITY 1000 TONS	¢ PER 10^6 BTU	$ PER TON	QUANTITY 1000 TONS	¢ PER 10^6 BTU	$ PER TON	
NEW ENGLAND														
CONNECTICUT	2	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	2
MAINE	3	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	3
MASSACHUSETTS	4	2.0	232.5	62.78	0.0	0.0	0.00	0.0	0.0	0.00	2.0	232.5	62.78	4
NEW HAMPSHIRE	5	1,022.0	152.6	41.01	28.4	147.5	38.41	12.1	149.7	39.07	1,038.3	152.5	40.97	5
RHODE ISLAND	6	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	6
VERMONT	7	0.0	0.0	0.00	12.9	177.2	45.95	0.0	0.0	0.00	12.9	177.2	45.95	7
..... TOTAL	9	1,024.0	152.8	41.06	41.3	156.8	40.77	12.1	149.7	39.07	1,053.2	152.9	41.07	9
MIDDLE ATLANTIC														
NEW JERSEY	12	2,212.3	166.9	43.53	69.7	175.6	46.47	1,827.7	164.4	42.71	454.3	177.9	47.29	12
NEW YORK	13	3,658.4	139.7	34.12	2,574.9	131.8	32.46	4,638.5	134.3	32.48	1,594.8	142.4	36.22	13
PENNSYLVANIA	14	29,329.2	122.8	29.52	11,702.6	113.5	27.46	19,957.6	112.8	27.20	21,074.2	127.0	30.56	14
..... TOTAL	16	35,200.0	127.5	30.88	14,347.2	117.1	28.45	26,423.8	120.4	29.20	23,123.4	129.2	31.28	16
EAST NORTH CENTRAL														
ILLINOIS	19	31,458.1	147.6	29.99	5,092.2	132.2	29.16	24,502.3	154.3	31.22	12,048.1	127.9	27.14	19
INDIANA	20	32,223.1	118.7	25.61	4,699.0	101.4	22.53	28,338.5	109.8	23.73	8,583.7	138.3	30.11	20
MICHIGAN	21	20,462.2	145.3	33.91	3,801.3	151.1	38.01	16,023.2	151.5	35.13	8,240.3	136.6	33.44	21
OHIO	22	39,631.6	136.9	29.95	13,745.3	121.5	28.31	33,935.0	121.3	26.48	19,442.0	151.8	34.84	22
WISCONSIN	23	11,919.4	126.0	26.20	1,349.6	134.4	28.67	11,342.0	124.5	25.50	1,927.0	139.7	32.08	23
..... TOTAL	25	135,694.5	135.4	29.20	28,687.4	125.0	28.82	114,141.0	130.0	27.93	50,241.0	141.0	31.85	25
WEST NORTH CENTRAL														
IOWA	28	10,914.8	120.6	22.52	930.9	139.2	29.85	11,013.0	118.8	22.31	832.7	163.5	33.44	28
KANSAS	29	8,452.4	96.7	17.71	587.0	129.3	30.38	9,028.6	99.3	18.51	10.8	153.8	34.13	29
MINNESOTA	30	12,819.2	100.4	17.68	143.1	154.4	32.63	12,528.9	98.7	17.20	433.4	151.6	36.27	30
MISSOURI	31	21,789.1	103.9	22.18	993.0	142.9	34.66	20,031.7	102.4	21.67	2,750.4	128.1	30.36	31
NEBRASKA	32	2,927.2	97.1	17.57	1,260.3	139.8	30.31	3,924.9	107.3	20.20	262.5	161.9	39.40	32
NORTH DAKOTA	33	6,797.6	46.9	6.29	2,804.0	46.6	6.16	9,601.6	46.8	6.25	0.0	0.0	0.00	33
SOUTH DAKOTA	34	2,736.9	65.6	8.30	0.0	0.0	0.00	2,736.9	65.6	8.30	0.0	0.0	0.00	34
..... TOTAL	36	66,437.1	99.5	18.40	6,718.3	111.9	20.87	68,865.6	97.6	17.78	4,289.8	138.9	32.12	36
SOUTH ATLANTIC														
DELAWARE	39	461.4	137.7	34.01	549.5	133.3	33.00	1,010.9	135.3	33.46	0.0	0.0	0.00	39
DISTRICT OF COLUMBIA	40	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	40
FLORIDA	41	7,286.0	163.2	38.75	663.5	146.5	35.00	4,229.2	160.5	38.24	3,720.3	163.2	38.66	41
GEORGIA	42	15,860.8	136.6	32.32	3,351.4	144.0	35.00	15,786.0	131.7	31.24	3,426.2	166.5	39.92	42
MARYLAND	43	4,011.3	146.5	36.01	1,430.7	136.6	33.52	4,548.8	141.7	34.69	893.2	155.0	38.74	43
NORTH CAROLINA	44	19,110.5	147.2	35.89	1,922.9	129.5	31.28	6,862.4	147.3	35.91	14,171.0	144.7	35.26	44
SOUTH CAROLINA	45	5,687.2	146.5	36.27	687.5	137.6	33.78	2,799.4	144.5	35.36	3,575.3	146.3	36.50	45
VIRGINIA	46	3,884.8	170.3	41.53	1,520.4	162.0	41.57	1,917.6	174.8	43.62	3,487.6	164.0	40.40	46
WEST VIRGINIA	47	26,224.8	128.4	30.73	1,612.5	114.0	26.60	10,953.1	134.3	31.85	16,884.2	123.3	29.61	47
..... TOTAL	49	82,526.9	141.6	34.10	11,738.3	138.5	33.74	48,107.4	140.6	33.76	46,157.8	141.8	34.36	49
EAST SOUTH CENTRAL														
ALABAMA	52	15,352.6	153.0	36.23	3,219.9	130.4	31.41	10,432.1	142.0	33.98	8,140.3	158.2	37.20	52
KENTUCKY	53	21,845.3	113.8	25.55	3,785.4	112.5	25.82	18,284.7	107.9	24.05	7,346.0	127.5	29.44	53
MISSISSIPPI	54	2,270.3	171.9	40.30	482.6	143.2	33.34	1,633.1	141.2	33.44	1,119.8	205.5	47.30	54
TENNESSEE	55	24,601.0	137.0	31.47	893.7	108.2	25.22	9,756.6	130.9	29.75	15,738.1	139.1	32.18	55
..... TOTAL	57	64,069.1	134.5	30.91	8,381.6	120.9	28.34	40,106.4	124.1	28.40	32,344.3	143.6	33.34	57
WEST SOUTH CENTRAL														
ARKANSAS	60	1,557.0	113.7	19.11	0.0	0.0	0.00	1,557.0	113.7	19.11	0.0	0.0	0.00	60
LOUISIANA	61	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	61
OKLAHOMA	62	4,367.4	115.0	20.02	0.0	0.0	0.00	4,367.4	115.0	20.02	0.0	0.0	0.00	62
TEXAS	63	35,160.6	97.8	14.10	41.7	174.8	38.22	35,202.3	97.9	14.13	0.0	0.0	0.00	63
..... TOTAL	65	41,085.0	100.6	14.92	41.7	174.8	38.22	41,126.7	100.7	14.94	0.0	0.0	0.00	65
MOUNTAIN														
ARIZONA	68	11,229.2	71.8	15.33	950.0	164.8	32.54	12,179.2	78.6	16.67	0.0	0.0	0.00	68
COLORADO	69	9,385.5	74.9	15.18	0.0	0.0	0.00	9,067.1	73.5	14.88	318.3	113.3	23.79	69
IDAHO	70	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	70
MONTANA	71	3,510.9	36.0	6.14	0.0	0.0	0.00	3,510.9	36.0	6.14	0.0	0.0	0.00	71
NEVADA	72	4,109.7	103.8	22.87	231.9	140.5	32.61	3,234.0	90.9	19.78	1,107.6	147.2	33.91	72
NEW MEXICO	73	8,676.3	47.8	8.51	0.0	0.0	0.00	8,676.3	47.8	8.51	0.0	0.0	0.00	73
UTAH	74	4,246.0	103.0	24.06	0.0	0.0	0.00	0.0	0.0	0.00	4,246.0	103.0	24.06	74
WYOMING	75	13,115.1	47.3	8.28	310.0	33.7	5.29	13,425.1	47.0	8.21	0.0	0.0	0.00	75
..... TOTAL	77	54,272.6	67.2	13.17	1,491.9	138.3	26.89	50,092.6	63.2	12.13	5,671.9	112.1	25.97	77
PACIFIC														
CALIFORNIA	80	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	80
OREGON	81	0.0	0.0	0.00	1.0	172.9	34.67	1.0	172.9	34.67	0.0	0.0	0.00	81
WASHINGTON	82	4,800.0	83.6	13.55	0.0	0.0	0.00	4,800.0	83.6	13.55	0.0	0.0	0.00	82
..... TOTAL	84	4,800.0	83.6	13.55	1.0	172.9	34.67	4,801.0	83.6	13.55	0.0	0.0	0.00	84
UNITED STATES TOTAL	86	485,109.2	122.0	25.77	71,448.8	124.5	28.72	393,676.6	114.4	23.46	162,881.4	139.1	32.64	86

TABLE 3

COAL DELIVERIES AND DELIVERED PRICES BY

GEOGRAPHIC REGION AND STATE	LINE	0.5% SULFUR OR LESS			0.51% TO 1.0% SULFUR			1.01% TO 1.5% SULFUR			LINE
		QUANTITY 1000 TONS	AVG. PRICE ¢ PER 10⁶ BTU	AVG. PRICE $ PER TON	QUANTITY 1000 TONS	AVG. PRICE ¢ PER 10⁶ BTU	AVG. PRICE $ PER TON	QUANTITY 1000 TONS	AVG. PRICE ¢ PER 10⁶ BTU	AVG. PRICE $ PER TON	
NEW ENGLAND											
CONNECTICUT	2	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	2
MAINE	3	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	3
MASSACHUSETTS	4	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	4
NEW HAMPSHIRE	5	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	5
RHODE ISLAND	6	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	6
VERMONT	7	0.0	0.0	0.00	0.0	0.0	0.00	5.7	175.1	45.40	7
..... TOTAL	9	0.0	0.0	0.00	0.0	0.0	0.00	5.7	175.1	45.40	9
MIDDLE ATLANTIC											
NEW JERSEY	12	2.0	207.1	58.94	265.4	185.7	49.95	1,250.1	176.8	46.30	12
NEW YORK	13	0.0	0.0	0.00	559.5	105.8	23.52	1,227.6	154.4	38.28	13
PENNSYLVANIA	14	353.0	70.5	11.58	2,098.1	117.0	26.05	4,387.3	126.6	31.51	14
..... TOTAL	16	355.0	71.9	11.84	2,923.0	122.3	27.74	6,865.0	141.1	35.41	16
EAST NORTH CENTRAL											
ILLINOIS	19	10,436.3	185.2	35.40	5,691.4	176.5	36.45	693.6	143.1	32.42	19
INDIANA	20	2,373.4	193.9	39.94	2,657.4	191.1	43.01	2,204.5	109.3	23.55	20
MICHIGAN	21	3,475.2	146.2	28.08	9,379.3	163.1	40.35	321.2	162.1	40.99	21
OHIO	22	2,106.7	159.5	27.19	11,844.7	150.8	34.09	4,682.0	138.5	31.36	22
WISCONSIN	23	1,911.6	120.4	20.18	2,644.4	96.8	17.22	1,135.7	124.9	25.29	23
..... TOTAL	25	20,303.3	171.7	32.39	32,217.2	158.7	35.68	9,036.9	131.4	29.12	25
WEST NORTH CENTRAL											
IOWA	28	5,087.2	102.4	17.34	2,808.1	133.3	26.19	497.6	109.6	22.62	28
KANSAS	29	5,331.8	82.6	14.03	1,575.6	142.4	29.70	84.9	139.8	32.94	29
MINNESOTA	30	21.0	134.9	21.23	11,831.7	96.5	16.69	322.9	128.8	22.09	30
MISSOURI	31	2,124.4	138.2	26.24	3,556.7	123.6	25.82	2,147.2	158.9	38.09	31
NEBRASKA	32	2,434.4	97.3	17.18	1,743.3	127.8	27.21	9.8	161.9	39.04	32
NORTH DAKOTA	33	391.1	72.9	9.51	9,210.5	45.8	6.12	0.0	0.0	0.00	33
SOUTH DAKOTA	34	259.6	69.6	11.18	2,477.3	65.0	8.00	0.0	0.0	0.00	34
..... TOTAL	36	15,649.4	99.3	17.10	33,203.1	95.6	16.06	3,062.4	148.7	33.75	36
SOUTH ATLANTIC											
DELAWARE	39	0.0	0.0	0.00	82.6	183.0	46.33	143.9	130.3	32.13	39
DISTRICT OF COLUMBIA	40	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	40
FLORIDA	41	57.3	155.5	36.39	1,627.0	157.1	37.97	1,479.7	187.7	45.38	41
GEORGIA	42	0.0	0.0	0.00	2,354.8	163.6	39.99	5,788.3	125.1	30.24	42
MARYLAND	43	4.1	136.6	33.37	1,464.1	165.7	40.87	1,132.2	136.8	33.30	43
NORTH CAROLINA	44	520.9	153.2	36.96	14,841.9	143.0	35.00	4,696.0	154.1	37.22	44
SOUTH CAROLINA	45	2.9	112.4	28.62	1,602.2	143.0	35.06	2,864.1	146.3	36.41	45
VIRGINIA	46	20.0	163.0	41.98	4,269.9	166.5	41.09	1,063.0	174.6	43.63	46
WEST VIRGINIA	47	1.3	135.1	34.80	11,180.8	148.3	34.96	3,532.3	147.1	34.48	47
..... TOTAL	49	606.6	153.4	37.00	37,423.4	150.2	36.38	20,699.5	146.1	35.35	49
EAST SOUTH CENTRAL											
ALABAMA	52	29.0	214.9	47.14	6,293.9	155.9	37.10	1,860.4	145.1	34.11	52
KENTUCKY	53	0.0	0.0	0.00	4,756.0	164.5	40.59	1,834.4	121.8	28.26	53
MISSISSIPPI	54	205.5	212.9	49.68	731.6	213.5	49.40	458.1	162.0	37.42	54
TENNESSEE	55	0.0	0.0	0.00	4,950.5	132.7	30.30	3,333.6	137.0	32.77	55
..... TOTAL	57	234.5	213.1	49.37	16,731.9	154.3	36.62	7,486.5	136.8	32.28	57
WEST SOUTH CENTRAL											
ARKANSAS	60	1,557.0	113.7	19.11	0.0	0.0	0.00	0.0	0.0	0.00	60
LOUISIANA	61	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	61
OKLAHOMA	62	4,358.5	115.0	20.02	8.9	129.6	20.88	0.0	0.0	0.00	62
TEXAS	63	10,220.9	169.0	29.65	24,981.4	59.1	7.78	0.0	0.0	0.00	63
..... TOTAL	65	16,136.4	149.3	26.03	24,990.3	59.2	7.78	0.0	0.0	0.00	65
MOUNTAIN											
ARIZONA	68	11,202.0	73.6	15.67	977.3	138.0	28.20	0.0	0.0	0.00	68
COLORADO	69	7,460.1	75.9	15.08	1,855.2	71.2	15.55	70.2	74.4	15.65	69
IDAHO	70	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	70
MONTANA	71	213.5	79.3	10.29	3,297.4	33.9	5.87	0.0	0.0	0.00	71
NEVADA	72	493.5	137.0	31.71	3,805.8	101.5	22.29	0.0	0.0	0.00	72
NEW MEXICO	73	0.0	0.0	0.00	8,676.3	47.8	8.51	0.0	0.0	0.00	73
UTAH	74	2,605.0	102.0	23.93	1,641.0	104.7	24.26	0.0	0.0	0.00	74
WYOMING	75	7,431.1	39.9	6.66	5,994.0	54.9	10.14	0.0	0.0	0.00	75
..... TOTAL	77	29,405.1	71.3	14.21	26,247.0	66.4	12.76	70.2	74.4	15.65	77
PACIFIC											
CALIFORNIA	80	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	80
OREGON	81	0.0	0.0	0.00	1.0	172.9	34.67	0.0	0.0	0.00	81
WASHINGTON	82	0.0	0.0	0.00	3,600.0	82.8	13.42	1,200.0	86.0	13.93	82
..... TOTAL	84	0.0	0.0	0.00	3,601.0	82.9	13.43	1,200.0	86.0	13.93	84
UNITED STATES TOTAL	86	82,690.2	116.5	21.79	177,336.9	121.8	24.34	48,426.3	140.4	33.06	86

SULFUR CONTENT AT STEAM-ELECTRIC PLANTS, 1979

LINE	1.51% TO 2.0% SULFUR			2.01% TO 3.0% SULFUR			3.01% OR MORE SULFUR			AVG. PRICE FOR ALL PURCHASES		LINE	GEOGRAPHIC REGION AND STATE
	QUANTITY 1000 TONS	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER TON	QUANTITY 1000 TONS	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER TON	QUANTITY 1000 TONS	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER TON	¢ PER 10^6 BTU	$ PER TON		
													NEW ENGLAND
2	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	2	CONNECTICUT
3	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	3	MAINE
4	0.0	0.0	0.00	2.0	232.5	62.78	0.0	0.0	0.00	232.5	62.78	4	MASSACHUSETTS
5	7.2	148.4	39.00	1,036.3	152.6	40.99	6.9	138.7	36.21	152.5	40.94	5	NEW HAMPSHIRE
6	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	6	RHODE ISLAND
7	7.2	178.9	46.38	0.0	0.0	0.00	0.0	0.0	0.00	177.2	45.95	7	VERMONT
9	14.4	163.6	42.70	1,038.3	152.7	41.03	6.9	138.7	36.21	152.9	41.04	9	..... TOTAL
													MIDDLE ATLANTIC
12	128.6	184.1	49.04	280.8	136.8	34.78	355.0	134.9	34.41	167.1	43.62	12	NEW JERSEY
13	2,420.8	137.3	33.85	1,854.4	132.4	32.82	171.1	129.5	31.80	136.4	33.43	13	NEW YORK
14	14,533.1	116.1	28.04	16,071.7	120.5	29.43	3,588.6	131.8	30.54	120.1	28.93	14	PENNSYLVANIA
16	17,082.5	119.7	29.02	18,206.8	122.0	29.86	4,114.7	132.0	30.93	124.5	30.17	16	..... TOTAL
													EAST NORTH CENTRAL
19	1,152.1	131.1	29.87	6,917.6	119.2	26.17	11,659.3	115.2	23.77	145.3	29.88	19	ILLINOIS
20	2,599.6	102.5	21.86	8,323.3	108.7	23.18	18,764.0	102.5	22.40	116.5	25.22	20	INDIANA
21	637.9	159.3	39.79	7,919.0	127.7	30.67	2,531.0	134.5	31.99	146.3	34.55	21	MICHIGAN
22	1,241.4	131.5	31.38	8,412.5	119.2	27.84	25,089.6	126.0	27.69	132.8	29.52	22	OHIO
23	672.5	134.4	31.06	2,769.6	143.0	32.81	4,135.2	132.4	30.56	126.9	26.45	23	WISCONSIN
25	6,303.5	123.6	27.99	34,342.0	120.8	27.43	62,179.1	117.8	25.72	133.5	29.13	25	..... TOTAL
													WEST NORTH CENTRAL
28	22.8	157.7	37.01	1,937.2	141.4	29.34	1,492.8	136.0	28.69	122.2	23.09	28	IOWA
29	157.5	127.9	31.74	330.4	124.6	29.49	1,559.3	90.5	18.20	99.4	18.53	29	KANSAS
30	83.1	164.3	40.99	307.6	165.0	41.12	396.0	120.2	25.77	101.1	17.84	30	MINNESOTA
31	7.0	140.2	32.81	3,489.6	75.1	16.81	11,457.2	93.7	20.02	105.8	22.72	31	MISSOURI
32	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	111.6	21.41	32	NEBRASKA
33	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	46.8	6.25	33	NORTH DAKOTA
34	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	65.6	8.30	34	SOUTH DAKOTA
36	270.4	141.9	35.06	6,064.8	103.0	22.74	14,905.3	98.3	20.85	100.7	18.62	36	..... TOTAL
													SOUTH ATLANTIC
39	556.3	131.1	32.33	228.0	131.0	32.41	0.1	112.6	28.20	135.3	33.46	39	DELAWARE
40	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	40	DISTRICT OF COLUMBIA
41	1,174.8	190.3	45.69	1,504.0	160.5	37.77	2,106.7	131.2	30.40	161.8	38.43	41	FLORIDA
42	4,184.1	143.7	34.38	6,429.2	137.5	31.83	455.8	119.4	26.58	138.0	32.78	42	GEORGIA
43	2,447.5	135.4	33.31	394.0	135.7	33.48	0.0	0.0	0.00	143.9	35.36	43	MARYLAND
44	958.7	140.8	33.42	15.9	141.9	34.28	0.0	0.0	0.00	145.6	35.47	44	NORTH CAROLINA
45	1,623.5	146.8	36.20	282.0	145.3	36.13	0.0	0.0	0.00	145.5	36.00	45	SOUTH CAROLINA
46	44.3	146.2	36.18	8.0	142.2	34.55	0.0	0.0	0.00	167.9	41.54	46	VIRGINIA
47	1,664.1	130.0	30.79	5,330.5	113.0	27.41	6,128.3	92.3	22.63	127.6	30.49	47	WEST VIRGINIA
49	12,653.2	144.2	34.83	14,191.6	130.5	30.94	8,690.8	102.7	24.72	141.2	34.06	49	..... TOTAL
													EAST SOUTH CENTRAL
52	4,330.3	148.2	35.16	4,362.9	135.6	32.64	1,696.0	163.7	37.94	149.0	35.39	52	ALABAMA
53	1,719.2	117.4	27.26	3,218.8	115.5	26.16	14,102.4	91.9	19.86	113.6	25.59	53	KENTUCKY
54	247.0	158.1	35.24	1,109.1	132.8	31.85	1.6	151.6	33.68	166.9	39.08	54	MISSISSIPPI
55	2,956.9	136.5	31.50	7,837.6	145.4	34.63	6,416.1	125.3	26.94	136.0	31.25	55	TENNESSEE
57	9,253.4	139.1	32.52	16,528.3	136.3	32.27	22,216.1	107.3	23.28	132.9	30.61	57	..... TOTAL
													WEST SOUTH CENTRAL
60	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	113.7	19.11	60	ARKANSAS
61	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	61	LOUISIANA
62	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	115.0	20.02	62	OKLAHOMA
63	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	97.9	14.13	63	TEXAS
65	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	100.7	14.94	65	..... TOTAL
													MOUNTAIN
68	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	78.6	16.67	68	ARIZONA
69	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	74.9	15.18	69	COLORADO
70	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	70	IDAHO
71	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	36.0	6.14	71	MONTANA
72	42.3	113.5	25.26	0.0	0.0	0.00	0.0	0.0	0.00	105.9	23.39	72	NEVADA
73	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	47.8	8.51	73	NEW MEXICO
74	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	103.0	24.06	74	UTAH
75	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	47.0	8.21	75	WYOMING
77	42.3	113.5	25.26	0.0	0.0	0.00	0.0	0.0	0.00	69.1	13.54	77	..... TOTAL
													PACIFIC
80	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	80	CALIFORNIA
81	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	172.9	34.67	81	OREGON
82	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	83.6	13.55	82	WASHINGTON
84	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	83.6	13.55	84	..... TOTAL
86	45,619.8	131.1	31.24	90,371.9	124.8	29.20	112,112.9	112.5	24.71	122.4	26.15	86	UNITED STATES TOTAL

TABLE 4

BASIC COAL STATISTICS DURING THE PAST

	LINE	MONTHLY SUMMARIES OF COAL PURCHASES						LINE
NATIONAL DATA		JANUARY 79	FEBRUARY 79	MARCH 79	APRIL 79	MAY 79	JUNE 79	
QUANTITY PURCHASED, 1000 TONS	1	39,377.1	36,650.8	46,878.0	45,759.3	49,307.0	47,135.3	1
TOTAL HEATING VAL,BILLION BTU	2	846,641.6	779,984.3	1,009,218.9	986,132.7	1,060,908.8	1,013,204.4	2
AVG. S CONTENT, % BY WEIGHT	3	1.8	1.8	1.8	1.7	1.8	1.8	3
AVG. PRICE /MILLION BTU	4	115.8	114.6	116.8	120.1	121.1	121.9	4
TOTAL EST. COAL BILL, $1000	5	980,228.1	894,173.2	1,179,177.4	1,184,239.9	1,284,296.9	1,234,821.5	5
REGIONAL DATA								
NEW ENGLAND								
QUANTITY PURCHASED, 1000 TONS	11	117.0	98.2	107.9	98.2	64.1	96.2	11
TOTAL HEATING VAL,BILLION BTU	12	3,142.1	2,628.7	2,920.1	2,640.1	1,719.4	2,573.4	12
AVG. S CONTENT, % BY WEIGHT	13	2.7	2.6	2.6	2.5	2.5	2.6	13
AVG. PRICE /MILLION BTU	14	147.1	150.3	149.9	150.9	152.7	155.2	14
TOTAL EST. COAL BILL, $1000	15	4,622.9	3,950.2	4,377.1	3,984.5	2,626.3	3,995.1	15
MIDDLE ATLANTIC								
QUANTITY PURCHASED, 1000 TONS	19	4,130.4	3,401.1	4,740.0	4,443.5	4,304.9	3,935.4	19
TOTAL HEATING VAL,BILLION BTU	20	99,478.1	82,013.0	114,840.7	107,438.5	104,102.1	95,638.3	20
AVG. S CONTENT, % BY WEIGHT	21	2.0	2.0	2.0	2.0	2.0	2.1	21
AVG. PRICE /MILLION BTU	22	121.2	122.6	123.7	121.9	120.4	122.8	22
TOTAL EST. COAL BILL, $1000	23	120,547.9	100,558.7	142,025.0	130,958.1	125,298.7	117,477.2	23
EAST NORTH CENTRAL								
QUANTITY PURCHASED, 1000 TONS	27	11,089.5	10,030.2	12,685.4	13,605.4	15,188.1	14,953.9	27
TOTAL HEATING VAL,BILLION BTU	28	241,512.2	217,904.0	277,195.6	298,622.1	332,692.5	327,474.3	28
AVG. S CONTENT, % BY WEIGHT	29	2.5	2.6	2.5	2.3	2.3	2.3	29
AVG. PRICE /MILLION BTU	30	124.3	123.7	126.7	129.0	131.4	130.6	30
TOTAL EST. COAL BILL, $1000	31	300,141.2	269,571.7	351,314.4	385,163.0	437,081.5	427,571.4	31
WEST NORTH CENTRAL								
QUANTITY PURCHASED, 1000 TONS	35	3,970.6	4,334.3	5,975.1	5,985.3	6,813.1	6,109.7	35
TOTAL HEATING VAL,BILLION BTU	36	72,751.9	80,688.6	113,975.1	112,429.1	127,681.9	115,752.0	36
AVG. S CONTENT, % BY WEIGHT	37	1.5	1.6	1.6	1.5	1.5	1.6	37
AVG. PRICE /MILLION BTU	38	96.0	95.3	95.6	98.5	100.6	106.9	38
TOTAL EST. COAL BILL, $1000	39	69,853.2	76,912.6	108,950.6	110,714.2	128,450.5	123,721.4	39
SOUTH ATLANTIC								
QUANTITY PURCHASED, 1000 TONS	43	7,311.9	6,362.1	8,651.0	8,220.7	8,418.8	7,548.2	43
TOTAL HEATING VAL,BILLION BTU	44	175,519.7	152,204.2	208,104.3	197,765.9	203,274.4	182,314.1	44
AVG. S CONTENT, % BY WEIGHT	45	1.5	1.6	1.6	1.5	1.6	1.6	45
AVG. PRICE /MILLION BTU	46	136.6	136.4	136.0	137.8	139.0	138.2	46
TOTAL EST. COAL BILL, $1000	47	239,814.3	207,678.1	283,080.2	272,618.5	282,600.3	251,930.2	47
EAST SOUTH CENTRAL								
QUANTITY PURCHASED, 1000 TONS	51	5,505.7	5,264.6	6,089.6	5,742.2	6,588.1	6,457.9	51
TOTAL HEATING VAL,BILLION BTU	52	125,599.6	119,757.5	139,662.1	131,873.0	151,565.1	148,736.6	52
AVG. S CONTENT, % BY WEIGHT	53	2.4	2.5	2.4	2.2	2.3	2.4	53
AVG. PRICE /MILLION BTU	54	122.6	121.3	125.8	129.6	132.7	131.8	54
TOTAL EST. COAL BILL, $1000	55	154,032.5	145,284.2	175,700.1	170,916.1	201,179.2	196,099.1	55
WEST SOUTH CENTRAL								
QUANTITY PURCHASED, 1000 TONS	59	2,504.6	2,717.8	3,247.4	2,941.5	3,270.6	3,415.5	59
TOTAL HEATING VAL,BILLION BTU	60	36,427.3	39,526.3	48,150.3	43,874.5	48,682.4	50,960.8	60
AVG. S CONTENT, % BY WEIGHT	61	0.6	0.6	0.6	0.6	0.6	0.6	61
AVG. PRICE /MILLION BTU	62	88.2	89.3	92.9	94.9	89.9	99.8	62
TOTAL EST. COAL BILL, $1000	63	32,123.7	35,289.7	44,713.4	41,631.4	43,741.7	50,861.5	63
MOUNTAIN								
QUANTITY PURCHASED, 1000 TONS	67	4,347.4	4,042.4	4,981.6	4,322.6	4,259.3	4,218.5	67
TOTAL HEATING VAL,BILLION BTU	68	85,730.8	78,782.0	97,890.6	85,009.5	84,710.8	83,274.9	68
AVG. S CONTENT, % BY WEIGHT	69	0.5	0.5	0.5	0.5	0.5	0.5	69
AVG. PRICE /MILLION BTU	70	62.6	62.9	65.0	74.0	68.4	69.3	70
TOTAL EST. COAL BILL, $1000	71	53,629.3	49,556.5	63,612.8	62,894.9	57,939.9	57,683.2	71
PACIFIC								
QUANTITY PURCHASED, 1000 TONS	75	400.0	400.0	400.0	400.0	400.0	400.0	75
TOTAL HEATING VAL,BILLION BTU	76	6,480.0	6,480.0	6,480.0	6,480.0	6,480.0	6,480.0	76
AVG. S CONTENT, % BY WEIGHT	77	1.2	1.0	1.1	1.0	0.6	0.8	77
AVG. PRICE /MILLION BTU	78	84.3	82.9	83.4	82.7	83.0	84.6	78
TOTAL EST. COAL BILL, $1000	79	5,462.6	5,371.9	5,404.3	5,359.0	5,378.4	5,482.1	79

TWELVE MONTHS FOR STEAM-ELECTRIC PLANTS, 1979

MONTHLY SUMMARIES OF COAL PURCHASES

LINE	JULY 79	AUGUST 79	SEPTEMBER 79	OCTOBER 79	NOVEMBER 79	DECEMBER 79	TOTAL	LINE	NATIONAL DATA
1	42,918.1	50,960.0	47,899.0	52,965.6	49,055.3	47,652.5	556,558.0	1	QUANTITY PURCHASED, 1000 TONS
2	896,709.6	1,088,371.3	1,023,074.7	1,130,657.3	1,045,629.0	1,012,665.4	11,893,197.9	2	TOTAL HEATING VAL,BILLION BTU
3	1.6	1.7	1.7	1.7	1.7	1.6	1.7	3	AVG. S CONTENT, % BY WEIGHT
4	122.2	122.5	125.3	127.4	127.7	129.2	122.4	4	AVG. PRICE /MILLION BTU
5	1,096,055.3	1,332,741.1	1,282,275.8	1,440,493.5	1,335,058.1	1,308,400.2	14,551,957.9	5	TOTAL EST. COAL BILL, $1000
									REGIONAL DATA
									NEW ENGLAND
11	44.9	73.3	96.5	79.7	76.3	113.0	1,065.3	11	QUANTITY PURCHASED, 1000 TONS
12	1,196.9	1,957.6	2,579.5	2,142.0	2,056.4	3,040.2	28,596.4	12	TOTAL HEATING VAL,BILLION BTU
13	2.7	2.7	2.6	2.4	2.4	2.5	2.6	13	AVG. S CONTENT, % BY WEIGHT
14	155.5	155.7	156.9	156.7	155.8	153.1	152.9	14	AVG. PRICE /MILLION BTU
15	1,860.7	3,047.3	4,047.0	3,355.6	3,204.6	4,655.2	43,726.5	15	TOTAL EST. COAL BILL, $1000
									MIDDLE ATLANTIC
19	3,308.6	4,354.5	4,227.6	4,410.7	4,157.0	4,133.5	49,547.1	19	QUANTITY PURCHASED, 1000 TONS
20	80,352.5	105,723.6	102,158.6	106,713.8	101,124.2	101,034.6	1,200,618.0	20	TOTAL HEATING VAL,BILLION BTU
21	2.0	2.0	2.1	2.1	2.1	2.0	2.0	21	AVG. S CONTENT, % BY WEIGHT
22	129.6	123.8	127.7	126.6	126.3	128.4	124.5	22	AVG. PRICE /MILLION BTU
23	104,153.4	130,859.4	130,486.0	135,119.0	127,766.6	129,766.4	1,495,016.7	23	TOTAL EST. COAL BILL, $1000
									EAST NORTH CENTRAL
27	12,267.9	15,250.2	15,070.4	16,222.5	14,305.8	13,712.8	164,382.0	27	QUANTITY PURCHASED, 1000 TONS
28	266,235.1	332,974.4	328,327.7	354,819.6	312,696.6	297,252.1	3,587,706.2	28	TOTAL HEATING VAL,BILLION BTU
29	2.2	2.3	2.2	2.2	2.2	2.2	2.3	29	AVG. S CONTENT, % BY WEIGHT
30	137.0	134.3	138.4	140.9	139.1	139.9	133.5	30	AVG. PRICE /MILLION BTU
31	364,856.8	447,211.2	454,455.1	500,084.5	435,106.1	415,777.8	4,788,335.7	31	TOTAL EST. COAL BILL, $1000
									WEST NORTH CENTRAL
35	7,274.4	6,640.9	6,216.5	6,958.2	6,654.9	6,222.4	73,155.4	35	QUANTITY PURCHASED, 1000 TONS
36	133,416.0	121,893.6	114,929.7	126,747.6	120,936.0	112,193.7	1,353,395.2	36	TOTAL HEATING VAL,BILLION BTU
37	1.4	1.5	1.5	1.5	1.5	1.3	1.5	37	AVG. S CONTENT, % BY WEIGHT
38	103.6	98.5	100.5	102.2	102.8	103.6	100.7	38	AVG. PRICE /MILLION BTU
39	138,182.1	120,031.1	115,479.4	129,536.8	124,305.1	116,203.0	1,362,339.8	39	TOTAL EST. COAL BILL, $1000
									SOUTH ATLANTIC
43	6,085.9	8,484.3	7,582.0	8,983.8	8,547.1	8,069.3	94,265.2	43	QUANTITY PURCHASED, 1000 TONS
44	147,779.4	205,284.8	183,621.3	216,826.3	205,914.4	194,736.2	2,273,345.0	44	TOTAL HEATING VAL,BILLION BTU
45	1.6	1.6	1.5	1.5	1.5	1.5	1.5	45	AVG. S CONTENT, % BY WEIGHT
46	142.9	142.7	144.1	145.1	145.9	148.5	141.2	46	AVG. PRICE /MILLION BTU
47	211,173.9	292,907.3	264,581.8	314,548.4	300,332.6	289,145.0	3,210,411.0	47	TOTAL EST. COAL BILL, $1000
									EAST SOUTH CENTRAL
51	4,940.2	6,683.0	6,143.5	6,829.4	6,268.3	5,938.2	72,450.7	51	QUANTITY PURCHASED, 1000 TONS
52	114,304.2	154,509.8	141,328.3	157,604.9	145,225.3	138,489.5	1,668,656.0	52	TOTAL HEATING VAL,BILLION BTU
53	2.1	2.2	2.3	2.3	2.2	2.2	2.3	53	AVG. S CONTENT, % BY WEIGHT
54	134.7	134.2	136.4	136.3	141.1	144.9	132.9	54	AVG. PRICE /MILLION BTU
55	153,912.4	207,292.3	192,748.7	214,833.3	204,975.3	200,604.6	2,217,578.8	55	TOTAL EST. COAL BILL, $1000
									WEST SOUTH CENTRAL
59	4,154.7	3,953.5	3,484.0	3,727.8	3,811.9	3,897.5	41,126.7	59	QUANTITY PURCHASED, 1000 TONS
60	60,578.3	58,567.3	51,856.1	54,860.7	56,784.0	59,811.8	610,079.9	60	TOTAL HEATING VAL,BILLION BTU
61	0.6	0.6	0.6	0.6	0.6	0.6	0.6	61	AVG. S CONTENT, % BY WEIGHT
62	99.0	100.2	98.0	104.4	113.6	125.4	100.7	62	AVG. PRICE /MILLION BTU
63	59,991.3	58,661.8	50,796.4	57,251.6	64,510.6	74,993.1	614,566.4	63	TOTAL EST. COAL BILL, $1000
									MOUNTAIN
67	4,441.6	5,120.4	4,678.5	5,353.5	4,834.1	5,164.8	55,764.5	67	QUANTITY PURCHASED, 1000 TONS
68	86,367.2	100,980.1	91,793.4	104,462.3	94,412.1	99,607.0	1,093,020.7	68	TOTAL HEATING VAL,BILLION BTU
69	0.6	0.5	0.6	0.5	0.5	0.6	0.5	69	AVG. S CONTENT, % BY WEIGHT
70	65.4	66.8	69.5	77.0	73.7	72.2	69.1	70	AVG. PRICE /MILLION BTU
71	56,468.0	67,417.7	63,836.3	80,470.1	69,537.0	71,879.9	754,925.3	71	TOTAL EST. COAL BILL, $1000
									PACIFIC
75	400.0	400.0	400.0	400.0	400.0	401.0	4,801.0	75	QUANTITY PURCHASED, 1000 TONS
76	6,480.0	6,480.0	6,480.0	6,480.0	6,480.0	6,500.5	77,780.5	76	TOTAL HEATING VAL,BILLION BTU
77	0.9	0.6	1.0	0.8	0.8	0.8	0.9	77	AVG. S CONTENT, % BY WEIGHT
78	84.2	82.0	90.2	81.7	82.1	82.7	83.6	78	AVG. PRICE /MILLION BTU
79	5,456.2	5,313.6	5,845.0	5,294.2	5,320.1	5,374.9	65,062.2	79	TOTAL EST. COAL BILL, $1000

TABLE 5

1979 FUEL OIL DELIVERIES TO STEAM-ELECTRIC PLANTS

GEOGRAPHIC REGION AND STATE	LINE	NUMBER OF REPORTING		QUANTITY AND TYPE OF OIL RECEIVED IN THOUSANDS OF BARRELS							LINE
		COM-PANIES	PLANTS	FUEL OIL NO. 2	FUEL OIL NO. 4 1/	FUEL OIL NO. 5 1/	FUEL OIL NO. 6	CRUDE OIL 2/	KEROSENE 3/	TOTAL	
NEW ENGLAND											
CONNECTICUT	2	3	8	84.0	0.0	0.0	18,221.0	0.0	0.0	18,305.0	2
MAINE	3	2	4	7.0	0.0	0.0	2,515.0	0.0	0.0	2,522.0	3
MASSACHUSETTS	4	10	15	98.9	0.0	0.0	47,007.8	0.0	0.0	47,106.7	4
NEW HAMPSHIRE	5	1	3	19.9	0.0	0.0	4,642.3	0.0	0.0	4,662.2	5
RHODE ISLAND	6	1	2	0.0	0.0	0.0	1,120.0	0.0	0.0	1,120.0	6
VERMONT	7	1	1	18.4	0.0	0.0	0.0	0.0	0.0	18.4	7
..... TOTAL	9	18	33	228.2	0.0	0.0	73,506.1	0.0	0.0	73,734.3	9
MIDDLE ATLANTIC											
NEW JERSEY	12	5	14	44.8	0.0	2.0	18,334.4	0.0	0.0	18,381.1	12
NEW YORK	13	6	21	0.2	0.0	0.0	63,543.3	0.0	0.0	63,543.5	13
PENNSYLVANIA	14	7	30	1,338.4	0.0	0.0	19,895.9	0.0	0.0	21,234.3	14
..... TOTAL	16	18	65	1,383.4	0.0	2.0	101,773.6	0.0	0.0	103,159.0	16
EAST NORTH CENTRAL											
ILLINOIS	19	8	16	1,691.8	0.0	0.0	12,106.6	0.0	0.0	13,798.4	19
INDIANA	20	5	14	988.8	0.0	0.0	0.0	0.0	0.0	988.8	20
MICHIGAN	21	3	16	1,055.0	0.0	0.0	13,476.1	0.0	0.0	14,531.1	21
OHIO	22	7	24	1,239.1	0.0	0.0	1,503.0	0.0	0.0	2,742.1	22
WISCONSIN	23	5	8	643.7	0.0	0.0	67.8	0.0	0.0	711.5	23
..... TOTAL	25	28	78	5,618.4	0.0	0.0	27,153.5	0.0	0.0	32,771.9	25
WEST NORTH CENTRAL											
IOWA	28	7	18	1,566.5	0.0	0.0	0.0	0.0	0.0	1,566.5	28
KANSAS	29	9	18	332.5	0.0	297.2	1,785.8	0.0	0.0	2,415.5	29
MINNESOTA	30	5	8	126.3	0.0	13.7	768.8	0.0	0.0	908.8	30
MISSOURI	31	6	13	939.5	0.0	0.0	620.9	0.0	0.0	1,560.5	31
NEBRASKA	32	6	7	155.3	0.0	0.0	470.2	0.0	0.0	625.5	32
NORTH DAKOTA	33	2	2	57.2	0.0	0.0	0.0	0.0	0.0	57.2	33
SOUTH DAKOTA	34	3	3	53.2	0.0	0.0	37.4	0.0	0.0	90.6	34
..... TOTAL	36	38	69	3,230.6	0.0	310.9	3,683.2	0.0	0.0	7,224.6	36
SOUTH ATLANTIC											
DELAWARE	39	2	4	127.2	0.0	0.0	6,731.5	0.0	0.0	6,858.7	39
DISTRICT OF COLUMBIA	40	1	2	40.0	1,611.8	0.0	582.0	0.0	0.0	2,233.8	40
FLORIDA	41	13	36	1,101.8	42.5	0.0	71,594.0	0.0	0.0	72,738.3	41
GEORGIA	42	2	13	499.2	0.0	0.0	2,138.6	0.0	0.0	2,637.8	42
MARYLAND	43	4	10	588.7	0.0	0.0	13,431.0	0.0	0.0	14,019.6	43
NORTH CAROLINA	44	2	10	330.8	0.0	0.0	0.0	0.0	0.0	330.8	44
SOUTH CAROLINA	45	3	9	110.4	0.0	0.0	3,697.0	0.0	0.0	3,807.4	45
VIRGINIA	46	4	8	1,062.0	0.0	0.0	22,888.0	0.0	0.0	23,950.0	46
WEST VIRGINIA	47	2	7	539.2	0.0	0.0	0.0	0.0	0.0	539.2	47
..... TOTAL	49	33	99	4,399.1	1,654.3	0.0	121,062.2	0.0	0.0	127,115.6	49
EAST SOUTH CENTRAL											
ALABAMA	52	2	9	415.5	0.0	0.0	0.0	0.0	0.0	415.5	52
KENTUCKY	53	4	8	142.6	0.0	0.0	0.0	0.0	0.0	142.6	53
MISSISSIPPI	54	4	12	168.4	0.0	0.0	10,165.1	0.0	0.0	10,333.5	54
TENNESSEE	55	1	8	251.5	0.0	0.0	0.0	0.0	0.0	251.5	55
..... TOTAL	57	11	37	978.0	0.0	0.0	10,165.1	0.0	0.0	11,143.1	57
WEST SOUTH CENTRAL											
ARKANSAS	60	4	10	210.7	0.0	4.2	7,370.6	0.0	0.0	7,585.4	60
LOUISIANA	61	5	12	1,591.1	0.0	19.1	13,584.7	0.0	0.0	15,194.9	61
OKLAHOMA	62	2	5	112.9	0.0	0.0	38.5	0.0	0.0	151.4	62
TEXAS	63	18	38	561.0	62.2	681.9	1,831.6	0.0	0.0	3,136.8	63
..... TOTAL	65	29	65	2,475.7	62.2	705.2	22,825.4	0.0	0.0	26,068.5	65
MOUNTAIN											
ARIZONA	68	4	12	429.0	0.0	1,066.7	3,408.1	0.0	0.0	4,903.8	68
COLORADO	69	3	6	72.4	0.0	0.0	416.3	0.0	0.0	488.7	69
IDAHO	70	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70
MONTANA	71	1	1	15.0	0.0	0.0	0.0	0.0	0.0	15.0	71
NEVADA	72	2	5	81.2	0.0	0.0	1,539.1	0.0	0.0	1,620.3	72
NEW MEXICO	73	4	6	117.6	480.8	312.7	0.0	0.0	0.0	911.1	73
UTAH	74	1	4	101.0	0.0	0.0	163.0	0.0	0.0	264.0	74
WYOMING	75	2	2	10.9	0.0	0.0	0.0	0.0	0.0	10.9	75
..... TOTAL	77	17	36	827.2	480.8	1,379.4	5,526.5	0.0	0.0	8,213.9	77
PACIFIC											
CALIFORNIA	80	8	32	430.6	0.0	0.0	97,881.2	804.8	0.0	99,116.6	80
OREGON	81	2	2	28.0	0.0	0.0	0.0	0.0	0.0	28.0	81
WASHINGTON	82	1	1	0.0	4.9	0.0	440.7	0.0	0.0	445.6	82
..... TOTAL	84	11	35	458.6	4.9	0.0	98,321.9	804.8	0.0	99,590.2	84
UNITED STATES TOTAL	86	203	517	19,599.3	2,202.2	2,397.5	464,017.3	804.8	0.0	489,021.1	86

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1/ BLEND OF FO2 AND FO6 FUEL OIL
2/ INCLUDES SMALL QUANTITIES OF TOPPED CRUDE
3/ INCLUDES SMALL QUANTITIES OF JET FUEL

TABLE 6

AVERAGE DELIVERED PRICES OF FUEL OIL AT STEAM-ELECTRIC PLANTS, 1979

GEOGRAPHIC REGION AND STATE	LINE	PRICE OF RESIDUAL OIL (NO. 6) BY TYPE OF PURCHASE						AVERAGE PRICES OF OTHER PRODUCTS								LINE
		CONTRACT PURCHASES 1000 BBLS.	AVG. CONTRACT PRICE		SPOT PURCHASES 1000 BBLS.	AVG. SPOT PRICE		FUEL OIL NO. 2		FUEL OIL NO. 4 - NO. 5		CRUDE OIL		KEROSENE		
			¢ PER 10^6 BTU	$ PER BBL.		¢ PER 10^6 BTU	$ PER BBL.	¢ PER 10^6 BTU	$ PER BBL.	¢ PER 10^6 BTU	$ PER BBL.	¢ PER 10^6 BTU	$ PER BBL.	¢ PER 10^6 BTU	$ PER BBL.	
NEW ENGLAND																
CONNECTICUT	2	18,220.0	332.0	20.51	1.0	93.6	5.77	395.2	22.85	0.0	0.00	0.0	0.00	0.0	0.00	2
MAINE	3	2,326.0	288.3	18.01	189.0	253.2	15.81	458.1	26.77	0.0	0.00	0.0	0.00	0.0	0.00	3
MASSACHUSETTS	4	42,998.7	281.8	17.60	4,009.1	249.4	15.62	431.4	24.93	0.0	0.00	0.0	0.00	0.0	0.00	4
NEW HAMPSHIRE	5	4,471.7	271.9	16.98	170.6	194.8	12.16	422.0	24.35	0.0	0.00	0.0	0.00	0.0	0.00	5
RHODE ISLAND	6	946.0	326.6	20.22	174.0	276.9	17.46	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	6
VERMONT	7	0.0	0.0	0.00	0.0	0.0	0.00	571.3	33.35	0.0	0.00	0.0	0.00	0.0	0.00	7
..... TOTAL	9	68,962.4	295.2	18.37	4,543.7	248.6	15.57	429.4	24.85	0.0	0.00	0.0	0.00	0.0	0.00	9
MIDDLE ATLANTIC																
NEW JERSEY	12	18,170.8	338.2	20.75	163.6	220.5	13.91	373.5	21.80	282.1	17.22	0.0	0.00	0.0	0.00	12
NEW YORK	13	60,463.0	295.6	18.34	3,080.3	305.8	18.72	370.7	21.36	0.0	0.00	0.0	0.00	0.0	0.00	13
PENNSYLVANIA	14	19,816.9	325.4	20.04	79.0	238.4	14.59	392.2	22.71	0.0	0.00	0.0	0.00	0.0	0.00	14
..... TOTAL	16	98,450.7	309.4	19.13	3,322.9	299.9	18.38	391.6	22.68	282.1	17.22	0.0	0.00	0.0	0.00	16
EAST NORTH CENTRAL																
ILLINOIS	19	12,096.6	382.1	23.71	10.0	572.3	34.02	411.9	23.90	0.0	0.00	0.0	0.00	0.0	0.00	19
INDIANA	20	0.0	0.0	0.00	0.0	0.0	0.00	388.8	22.42	0.0	0.00	0.0	0.00	0.0	0.00	20
MICHIGAN	21	12,806.7	318.3	19.52	569.4	265.6	16.48	398.6	22.96	0.0	0.00	0.0	0.00	0.0	0.00	21
OHIO	22	87.1	246.3	15.60	1,415.9	295.8	18.81	380.8	22.01	0.0	0.00	0.0	0.00	0.0	0.00	22
WISCONSIN	23	67.8	245.7	15.54	0.0	0.0	0.00	309.5	17.85	0.0	0.00	0.0	0.00	0.0	0.00	23
..... TOTAL	25	25,058.2	348.8	21.52	2,095.3	287.5	18.14	386.8	22.35	0.0	0.00	0.0	0.00	0.0	0.00	25
WEST NORTH CENTRAL																
IOWA	28	0.0	0.0	0.00	0.0	0.0	0.00	364.4	21.02	0.0	0.00	0.0	0.00	0.0	0.00	28
KANSAS	29	593.5	194.9	12.37	1,192.3	209.1	13.23	339.8	19.74	249.5	15.20	0.0	0.00	0.0	0.00	29
MINNESOTA	30	722.4	256.9	16.31	46.4	240.9	15.07	325.1	19.12	203.5	12.08	0.0	0.00	0.0	0.00	30
MISSOURI	31	486.4	249.1	15.99	134.5	210.6	13.35	430.5	24.90	0.0	0.00	0.0	0.00	0.0	0.00	31
NEBRASKA	32	335.5	224.5	14.30	134.7	224.3	14.25	428.3	24.90	0.0	0.00	0.0	0.00	0.0	0.00	32
NORTH DAKOTA	33	0.0	0.0	0.00	0.0	0.0	0.00	403.5	23.66	0.0	0.00	0.0	0.00	0.0	0.00	33
SOUTH DAKOTA	34	0.0	0.0	0.00	37.4	221.8	14.07	467.0	26.88	0.0	0.00	0.0	0.00	0.0	0.00	34
..... TOTAL	36	2,137.8	232.9	14.83	1,545.4	211.8	13.41	385.0	22.27	247.6	15.06	0.0	0.00	0.0	0.00	36
SOUTH ATLANTIC																
DELAWARE	39	6,567.6	326.1	20.24	163.9	340.7	21.42	386.8	22.49	0.0	0.00	0.0	0.00	0.0	0.00	39
DISTRICT OF COLUMBIA	40	463.0	337.8	20.87	119.0	294.4	17.95	399.9	23.27	381.4	23.07	0.0	0.00	0.0	0.00	40
FLORIDA	41	63,872.6	286.2	17.94	7,721.4	302.0	18.87	627.4	36.32	327.3	20.07	0.0	0.00	0.0	0.00	41
GEORGIA	42	2,138.6	278.5	17.28	0.0	0.0	0.00	385.3	21.86	0.0	0.00	0.0	0.00	0.0	0.00	42
MARYLAND	43	13,037.0	302.3	18.74	394.0	278.5	17.41	399.0	23.18	0.0	0.00	0.0	0.00	0.0	0.00	43
NORTH CAROLINA	44	0.0	0.0	0.00	0.0	0.0	0.00	382.6	22.18	0.0	0.00	0.0	0.00	0.0	0.00	44
SOUTH CAROLINA	45	3,696.3	260.2	16.31	0.7	306.4	18.02	391.6	22.45	0.0	0.00	0.0	0.00	0.0	0.00	45
VIRGINIA	46	19,937.0	287.0	18.03	2,951.0	349.4	21.94	400.3	23.51	0.0	0.00	0.0	0.00	0.0	0.00	46
WEST VIRGINIA	47	0.0	0.0	0.00	0.0	0.0	0.00	417.5	24.58	0.0	0.00	0.0	0.00	0.0	0.00	47
..... TOTAL	49	109,712.2	289.8	18.13	11,350.0	314.0	19.65	455.3	26.46	380.0	22.99	0.0	0.00	0.0	0.00	49
EAST SOUTH CENTRAL																
ALABAMA	52	0.0	0.0	0.00	0.0	0.0	0.00	430.5	24.73	0.0	0.00	0.0	0.00	0.0	0.00	52
KENTUCKY	53	0.0	0.0	0.00	0.0	0.0	0.00	457.3	26.54	0.0	0.00	0.0	0.00	0.0	0.00	53
MISSISSIPPI	54	9,262.2	217.1	13.67	902.9	228.0	14.26	354.7	21.24	0.0	0.00	0.0	0.00	0.0	0.00	54
TENNESSEE	55	0.0	0.0	0.00	0.0	0.0	0.00	458.3	26.58	0.0	0.00	0.0	0.00	0.0	0.00	55
..... TOTAL	57	9,262.2	217.1	13.67	902.9	228.0	14.26	428.1	24.87	0.0	0.00	0.0	0.00	0.0	0.00	57
WEST SOUTH CENTRAL																
ARKANSAS	60	6,278.4	251.0	15.83	1,092.2	244.6	15.40	291.0	17.42	302.8	18.44	0.0	0.00	0.0	0.00	60
LOUISIANA	61	7,724.6	283.5	17.60	5,860.1	252.3	15.69	286.9	16.84	263.4	15.71	0.0	0.00	0.0	0.00	61
OKLAHOMA	62	0.0	0.0	0.00	38.5	223.4	13.90	509.2	29.14	0.0	0.00	0.0	0.00	0.0	0.00	62
TEXAS	63	683.1	307.7	19.05	1,148.5	168.5	10.44	515.9	30.34	269.5	16.46	0.0	0.00	0.0	0.00	63
..... TOTAL	65	14,686.1	270.6	16.91	8,139.3	239.4	14.90	349.1	20.51	269.5	16.46	0.0	0.00	0.0	0.00	65
MOUNTAIN																
ARIZONA	68	422.4	298.6	18.77	2,985.7	277.5	17.63	489.6	28.65	307.7	18.82	0.0	0.00	0.0	0.00	68
COLORADO	69	402.9	243.7	15.07	13.4	365.3	22.50	441.0	25.82	0.0	0.00	0.0	0.00	0.0	0.00	69
IDAHO	70	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	70
MONTANA	71	0.0	0.0	0.00	0.0	0.0	0.00	256.8	16.05	0.0	0.00	0.0	0.00	0.0	0.00	71
NEVADA	72	1,277.1	258.9	15.90	262.0	307.6	19.19	496.2	28.86	0.0	0.00	0.0	0.00	0.0	0.00	72
NEW MEXICO	73	0.0	0.0	0.00	0.0	0.0	0.00	423.1	24.18	331.6	19.89	0.0	0.00	0.0	0.00	73
UTAH	74	0.0	0.0	0.00	163.0	264.3	16.11	472.8	27.80	0.0	0.00	0.0	0.00	0.0	0.00	74
WYOMING	75	0.0	0.0	0.00	0.0	0.0	0.00	455.5	26.61	0.0	0.00	0.0	0.00	0.0	0.00	75
..... TOTAL	77	2,102.4	264.1	16.32	3,424.1	279.5	17.69	469.7	27.43	317.8	19.28	0.0	0.00	0.0	0.00	77
PACIFIC																
CALIFORNIA	80	97,503.1	314.1	19.30	378.1	385.0	23.59	320.3	18.66	0.0	0.00	278.2	16.60	0.0	0.00	80
OREGON	81	0.0	0.0	0.00	0.0	0.0	0.00	369.9	21.00	0.0	0.00	0.0	0.00	0.0	0.00	81
WASHINGTON	82	0.0	0.0	0.00	440.7	260.7	16.61	0.0	0.00	265.0	16.56	0.0	0.00	0.0	0.00	82
..... TOTAL	84	97,503.1	314.1	19.30	818.8	316.9	19.83	323.3	18.80	265.0	16.56	278.2	16.60	0.0	0.00	84
UNITED STATES TOTAL	86	427,874.9	301.4	18.70	36,142.4	276.4	17.28	402.0	23.34	327.2	19.85	278.2	16.60	0.0	0.00	86

TABLE 7

FUEL OIL DELIVERIES AND DELIVERED PRICES BY

GEOGRAPHIC REGION AND STATE	LINE	0.3% SULFUR OR LESS			0.31% TO 0.5% SULFUR			0.51% TO 1.0% SULFUR			LINE
		QUANTITY 1000 BBLS.	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER BBL.	QUANTITY 1000 BBLS.	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER BBL.	QUANTITY 1000 BBLS.	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER BBL.	
NEW ENGLAND											
CONNECTICUT	2	883.0	342.4	21.28	16,766.0	333.7	20.60	361.0	274.1	17.00	2
MAINE	3	0.0	0.0	0.00	0.0	0.0	0.00	764.0	304.1	18.68	3
MASSACHUSETTS	4	55.0	323.8	19.88	225.0	276.3	16.88	14,328.8	318.5	19.78	4
NEW HAMPSHIRE	5	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	5
RHODE ISLAND	6	0.0	0.0	0.00	0.0	0.0	0.00	1,120.0	318.7	19.79	6
VERMONT	7	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	7
..... TOTAL	9	938.0	341.3	21.19	16,991.0	333.0	20.56	16,573.8	316.8	19.67	9
MIDDLE ATLANTIC											
NEW JERSEY	12	13,380.1	347.6	21.24	1,585.0	342.3	21.07	873.9	362.9	22.53	12
NEW YORK	13	22,620.6	329.4	20.16	3,929.4	363.9	22.38	5,813.0	329.5	20.31	13
PENNSYLVANIA	14	612.0	256.3	15.67	7,497.4	350.9	21.68	11,780.5	312.1	19.19	14
..... TOTAL	16	36,612.7	334.8	20.48	13,011.8	353.8	21.82	18,467.4	320.0	19.70	16
EAST NORTH CENTRAL											
ILLINOIS	19	10.0	572.3	34.02	143.1	270.1	16.86	11,792.9	385.0	23.89	19
INDIANA	20	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	20
MICHIGAN	21	0.0	0.0	0.00	2,394.8	325.2	19.35	10,885.0	314.2	19.40	21
OHIO	22	0.0	0.0	0.00	0.0	0.0	0.00	21.0	418.0	26.29	22
WISCONSIN	23	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	23
..... TOTAL	25	10.0	572.3	34.02	2,537.9	321.9	19.21	22,698.9	351.2	21.74	25
WEST NORTH CENTRAL											
IOWA	28	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	28
KANSAS	29	0.0	0.0	0.00	0.0	0.0	0.00	411.5	241.0	14.84	29
MINNESOTA	30	0.0	0.0	0.00	36.4	299.5	18.59	0.0	0.0	0.00	30
MISSOURI	31	0.0	0.0	0.00	0.0	0.0	0.00	35.8	231.5	14.58	31
NEBRASKA	32	0.0	0.0	0.00	0.0	0.0	0.00	108.3	215.2	13.66	32
NORTH DAKOTA	33	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	33
SOUTH DAKOTA	34	0.0	0.0	0.00	0.0	0.0	0.00	37.4	221.8	14.07	34
..... TOTAL	36	0.0	0.0	0.00	36.4	299.5	18.59	593.1	234.4	14.56	36
SOUTH ATLANTIC											
DELAWARE	39	0.0	0.0	0.00	0.0	0.0	0.00	6,027.9	330.7	20.50	39
DISTRICT OF COLUMBIA	40	0.0	0.0	0.00	0.0	0.0	0.00	1,925.8	374.7	22.74	40
FLORIDA	41	27.2	193.7	11.97	0.0	0.0	0.00	26,905.9	294.3	18.36	41
GEORGIA	42	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	42
MARYLAND	43	0.0	0.0	0.00	0.0	0.0	0.00	7,673.0	320.6	19.81	43
NORTH CAROLINA	44	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	44
SOUTH CAROLINA	45	0.7	306.4	18.02	0.0	0.0	0.00	0.0	0.0	0.00	45
VIRGINIA	46	0.0	0.0	0.00	0.0	0.0	0.00	8,404.0	350.3	21.79	46
WEST VIRGINIA	47	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	47
..... TOTAL	49	27.9	196.4	12.12	0.0	0.0	0.00	50,936.6	314.8	19.56	49
EAST SOUTH CENTRAL											
ALABAMA	52	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	52
KENTUCKY	53	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	53
MISSISSIPPI	54	0.0	0.0	0.00	119.4	241.2	15.07	78.5	309.3	19.05	54
TENNESSEE	55	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	55
..... TOTAL	57	0.0	0.0	0.00	119.4	241.2	15.07	78.5	309.3	19.05	57
WEST SOUTH CENTRAL											
ARKANSAS	60	6.7	351.0	21.58	0.0	0.0	0.00	3,312.4	237.1	15.01	60
LOUISIANA	61	791.1	280.0	17.41	2,180.0	299.8	18.68	5,295.0	282.6	17.53	61
OKLAHOMA	62	0.0	0.0	0.00	0.0	0.0	0.00	5.2	210.7	13.19	62
TEXAS	63	58.8	323.5	19.69	535.2	272.5	16.62	1,577.6	236.3	14.62	63
..... TOTAL	65	856.5	283.5	17.60	2,715.2	294.5	18.27	10,190.1	260.5	16.26	65
MOUNTAIN											
ARIZONA	68	500.0	320.3	19.84	468.9	344.8	21.13	2,585.5	278.8	17.55	68
COLORADO	69	26.1	208.8	12.59	99.3	289.2	17.81	254.2	242.1	14.95	69
IDAHO	70	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	70
MONTANA	71	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	71
NEVADA	72	63.3	357.6	21.47	565.8	273.9	16.43	837.0	249.8	15.64	72
NEW MEXICO	73	206.3	359.8	21.52	152.0	379.9	22.65	424.7	302.2	18.18	73
UTAH	74	8.0	412.4	24.25	155.0	257.0	15.69	0.0	0.0	0.00	74
WYOMING	75	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	75
..... TOTAL	77	803.7	330.4	20.21	1,441.0	307.5	18.63	4,101.4	273.0	17.06	77
PACIFIC											
CALIFORNIA	80	63,628.2	311.7	19.04	32,347.5	318.7	19.76	1,577.3	326.7	20.58	80
OREGON	81	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	81
WASHINGTON	82	0.0	0.0	0.00	0.0	0.0	0.00	4.9	265.0	16.56	82
..... TOTAL	84	63,628.2	311.7	19.04	32,347.5	318.7	19.76	1,582.2	326.5	20.57	84
UNITED STATES TOTAL	86	102,877.0	320.1	19.57	69,200.1	327.6	20.23	125,222.0	316.3	19.63	86

NOTE: NO 2 FUEL OIL, JET-FUEL AND KEROSENE ARE OMITTED FROM THIS TABLE

SULFUR CONTENT AT STEAM-ELECTRIC PLANTS, 1979

LINE	1.01% TO 2.0% SULFUR			2.01% TO 3.0% SULFUR			3.01% OR MORE SULFUR			AVG. PRICE FOR ALL PURCHASES		LINE	GEOGRAPHIC REGION AND STATE
	QUANTITY 1000 BBLS.	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER BBL.	QUANTITY 1000 BBLS.	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER BBL.	QUANTITY 1000 BBLS.	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER BBL.	¢ PER 10^6 BTU	$ PER BBL.		
													NEW ENGLAND
2	211.0	248.3	15.41	0.0	0.0	0.00	0.0	0.0	0.00	332.0	20.51	2	CONNECTICUT
3	1,154.0	284.1	17.89	597.0	265.6	16.66	0.0	0.0	0.00	285.7	17.84	3	MAINE
4	8,106.6	266.9	16.68	24,292.4	260.0	16.29	0.0	0.0	0.00	279.1	17.43	4	MASSACHUSETTS
5	4,407.9	265.2	16.57	234.4	342.8	21.10	0.0	0.0	0.00	269.1	16.80	5	NEW HAMPSHIRE
6	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	318.7	19.79	6	RHODE ISLAND
7	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	7	VERMONT
9	13,879.5	267.5	16.73	25,123.8	260.9	16.34	0.0	0.0	0.00	292.3	18.20	9	..... TOTAL
													MIDDLE ATLANTIC
12	2,332.1	267.4	16.66	165.3	303.1	19.14	0.0	0.0	0.00	337.1	20.69	12	NEW JERSEY
13	12,783.7	265.6	16.55	18,396.6	252.6	15.91	0.0	0.0	0.00	296.0	18.36	13	NEW YORK
14	6.0	336.3	21.07	0.0	0.0	0.00	0.0	0.0	0.00	325.1	20.02	14	PENNSYLVANIA
16	15,121.8	265.9	16.57	18,561.9	253.1	15.94	0.0	0.0	0.00	309.1	19.10	16	..... TOTAL
													EAST NORTH CENTRAL
19	160.6	269.5	16.60	0.0	0.0	0.00	0.0	0.0	0.00	382.2	23.72	19	ILLINOIS
20	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	20	INDIANA
21	196.3	284.6	18.02	0.0	0.0	0.00	0.0	0.0	0.00	315.7	19.37	21	MICHIGAN
22	1,413.7	290.3	18.47	68.3	308.5	19.64	0.0	0.0	0.00	292.9	18.63	22	OHIO
23	67.8	245.7	15.54	0.0	0.0	0.00	0.0	0.0	0.00	245.7	15.54	23	WISCONSIN
25	1,838.4	286.3	18.15	68.3	308.5	19.64	0.0	0.0	0.00	344.0	21.26	25	..... TOTAL
													WEST NORTH CENTRAL
28	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	28	IOWA
29	1,466.0	202.9	12.86	205.6	206.6	12.98	0.0	0.0	0.00	210.6	13.27	29	KANSAS
30	746.2	253.0	16.04	0.0	0.0	0.00	0.0	0.0	0.00	255.1	16.16	30	MINNESOTA
31	466.6	248.9	16.01	89.5	208.1	13.22	29.0	221.2	13.86	240.8	15.42	31	MISSOURI
32	345.9	225.5	14.36	16.0	266.1	16.92	0.0	0.0	0.00	224.5	14.28	32	NEBRASKA
33	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	33	NORTH DAKOTA
34	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	221.8	14.07	34	SOUTH DAKOTA
36	3,024.6	225.0	14.30	311.1	210.1	13.25	29.0	221.2	13.86	225.8	14.30	36	..... TOTAL
													SOUTH ATLANTIC
39	395.9	309.0	19.45	307.7	268.8	16.92	0.0	0.0	0.00	326.5	20.27	39	DELAWARE
40	268.0	315.0	19.39	0.0	0.0	0.00	0.0	0.0	0.00	367.3	22.33	40	DISTRICT OF COLUMBIA
41	27,626.2	291.7	18.33	17,077.3	271.8	17.07	0.0	0.0	0.00	287.9	18.04	41	FLORIDA
42	518.0	267.8	16.48	1,620.6	281.9	17.53	0.0	0.0	0.00	278.5	17.28	42	GEORGIA
43	4,858.0	280.6	17.51	900.0	253.4	15.75	0.0	0.0	0.00	301.6	18.70	43	MARYLAND
44	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	44	NORTH CAROLINA
45	1,325.5	218.3	13.66	2,370.8	283.5	17.79	0.0	0.0	0.00	260.2	16.31	45	SOUTH CAROLINA
46	8,521.0	283.6	17.92	5,963.0	234.7	14.81	0.0	0.0	0.00	295.1	18.53	46	VIRGINIA
47	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	47	WEST VIRGINIA
49	43,512.6	286.7	18.01	28,239.4	264.9	16.64	0.0	0.0	0.00	293.2	18.34	49	..... TOTAL
													EAST SOUTH CENTRAL
52	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	52	ALABAMA
53	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	53	KENTUCKY
54	518.9	211.3	13.28	9,074.9	217.3	13.68	373.4	219.2	13.75	218.0	13.72	54	MISSISSIPPI
55	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	55	TENNESSEE
57	518.9	211.3	13.28	9,074.9	217.3	13.68	373.4	219.2	13.75	218.0	13.72	57	..... TOTAL
													WEST SOUTH CENTRAL
60	2,963.5	266.6	16.74	1,092.2	244.6	15.40	0.0	0.0	0.00	250.1	15.77	60	ARKANSAS
61	5,337.7	243.9	15.15	0.0	0.0	0.00	0.0	0.0	0.00	270.0	16.77	61	LOUISIANA
62	33.3	225.3	14.01	0.0	0.0	0.00	0.0	0.0	0.00	223.4	13.90	62	OKLAHOMA
63	404.2	165.2	10.26	0.0	0.0	0.00	0.0	0.0	0.00	234.5	14.46	63	TEXAS
65	8,738.8	247.9	15.46	1,092.2	244.6	15.40	0.0	0.0	0.00	259.8	16.20	65	..... TOTAL
													MOUNTAIN
68	920.4	261.7	16.77	0.0	0.0	0.00	0.0	0.0	0.00	286.5	18.02	68	ARIZONA
69	36.7	202.7	12.99	0.0	0.0	0.00	0.0	0.0	0.00	247.6	15.31	69	COLORADO
70	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	70	IDAHO
71	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	71	MONTANA
72	72.9	344.2	21.76	0.0	0.0	0.00	0.0	0.0	0.00	267.3	16.46	72	NEVADA
73	10.5	280.4	17.12	0.0	0.0	0.00	0.0	0.0	0.00	331.6	19.89	73	NEW MEXICO
74	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	264.3	16.11	74	UTAH
75	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	75	WYOMING
77	1,040.5	265.5	16.99	0.0	0.0	0.00	0.0	0.0	0.00	284.6	17.70	77	..... TOTAL
													PACIFIC
80	1,133.0	293.8	18.45	0.0	0.0	0.00	0.0	0.0	0.00	314.1	19.29	80	CALIFORNIA
81	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	81	OREGON
82	440.7	260.7	16.61	0.0	0.0	0.00	0.0	0.0	0.00	260.8	16.61	82	WASHINGTON
84	1,573.7	284.5	17.94	0.0	0.0	0.00	0.0	0.0	0.00	313.8	19.28	84	..... TOTAL
86	89,248.8	273.6	17.15	82,471.5	255.3	16.04	402.4	219.3	13.76	299.7	18.60	86	UNITED STATES TOTAL

TABLE 8

BASIC FUEL OIL STATISTICS DURING THE PAST

	LINE	MONTHLY SUMMARIES OF OIL PURCHASES						LINE
NATIONAL DATA		JANUARY 79	FEBRUARY 79	MARCH 79	APRIL 79	MAY 79	JUNE 79	
QUANTITY PURCHASED, 1000 BBLS	1	51,679.6	46,638.2	44,782.7	35,353.7	39,851.7	37,303.5	1
TOTAL HEATING VAL,BILLION BTU	2	318,982.2	287,227.0	276,818.2	218,723.2	247,249.3	231,027.3	2
AVG. S CONTENT, % BY WEIGHT	3	1.0	0.9	1.0	1.1	1.1	1.0	3
AVG. PRICE, /MILLION BTU	4	231.8	245.6	261.4	268.0	277.7	300.0	4
TOTAL EST. OIL BILL, $1000	5	739,387.3	705,499.9	723,647.1	586,169.6	686,523.0	693,041.4	5
REGIONAL DATA								
NEW ENGLAND								
QUANTITY PURCHASED, 1000 BBLS	11	7,654.2	5,952.0	6,755.4	6,369.7	6,161.4	5,229.5	11
TOTAL HEATING VAL,BILLION BTU	12	47,656.2	36,892.2	41,869.1	39,689.1	38,391.9	32,578.8	12
AVG. S CONTENT, % BY WEIGHT	13	1.4	1.3	1.3	1.6	1.3	1.2	13
AVG. PRICE, /MILLION BTU	14	210.6	227.8	255.8	250.8	272.7	293.6	14
TOTAL EST. OIL BILL, $1000	15	100,370.3	84,050.0	107,106.1	99,530.0	104,698.7	95,639.6	15
MIDDLE ATLANTIC								
QUANTITY PURCHASED, 1000 BBLS	19	11,043.8	10,769.0	9,569.3	6,860.5	8,345.6	6,939.6	19
TOTAL HEATING VAL,BILLION BTU	20	67,916.5	66,236.7	59,001.9	42,363.3	51,652.4	42,929.6	20
AVG. S CONTENT, % BY WEIGHT	21	0.9	0.9	1.0	1.1	1.3	1.1	21
AVG. PRICE, /MILLION BTU	22	232.2	243.4	266.4	273.7	279.9	306.1	22
TOTAL EST. OIL BILL, $1000	23	157,734.3	161,197.8	157,182.3	115,940.7	144,574.2	131,412.9	23
EAST NORTH CENTRAL								
QUANTITY PURCHASED, 1000 BBLS	27	2,796.6	2,897.2	2,818.8	1,801.5	3,539.4	3,024.6	27
TOTAL HEATING VAL,BILLION BTU	28	16,953.9	17,441.1	17,104.5	10,975.9	21,746.5	18,404.2	28
AVG. S CONTENT, % BY WEIGHT	29	0.6	0.6	0.6	0.7	0.6	0.6	29
AVG. PRICE, /MILLION BTU	30	282.2	295.9	302.5	307.2	320.0	342.3	30
TOTAL EST. OIL BILL, $1000	31	47,838.7	51,613.3	51,736.4	33,716.1	69,584.2	63,002.0	31
WEST NORTH CENTRAL								
QUANTITY PURCHASED, 1000 BBLS	35	1,731.2	2,254.5	873.9	474.8	442.2	159.6	35
TOTAL HEATING VAL,BILLION BTU	36	10,681.9	13,571.1	5,425.0	2,913.9	2,660.3	972.6	36
AVG. S CONTENT, % BY WEIGHT	37	1.1	0.8	1.4	1.1	0.6	0.8	37
AVG. PRICE, /MILLION BTU	38	233.9	265.4	246.4	277.0	384.5	317.7	38
TOTAL EST. OIL BILL, $1000	39	24,989.8	36,020.7	13,366.9	8,071.3	10,229.3	3,090.1	39
SOUTH ATLANTIC								
QUANTITY PURCHASED, 1000 BBLS	43	10,251.7	10,035.6	12,282.6	10,607.3	11,327.9	10,874.4	43
TOTAL HEATING VAL,BILLION BTU	44	63,468.8	62,305.1	76,582.8	66,080.2	70,774.2	67,719.9	44
AVG. S CONTENT, % BY WEIGHT	45	1.2	1.3	1.4	1.5	1.5	1.4	45
AVG. PRICE, /MILLION BTU	46	224.7	233.0	255.7	266.4	270.7	312.8	46
TOTAL EST. OIL BILL, $1000	47	142,608.9	145,161.2	195,834.1	176,038.6	191,579.1	211,826.1	47
EAST SOUTH CENTRAL								
QUANTITY PURCHASED, 1000 BBLS	51	2,042.3	1,206.6	784.5	484.9	906.2	766.3	51
TOTAL HEATING VAL,BILLION BTU	52	12,784.5	7,516.5	4,890.2	3,013.2	5,634.7	4,775.3	52
AVG. S CONTENT, % BY WEIGHT	53	2.3	2.2	2.4	2.3	2.3	2.4	53
AVG. PRICE, /MILLION BTU	54	174.7	198.3	211.6	212.1	231.8	238.1	54
TOTAL EST. OIL BILL, $1000	55	22,330.0	14,904.9	10,346.8	6,392.4	13,062.9	11,369.1	55
WEST SOUTH CENTRAL								
QUANTITY PURCHASED, 1000 BBLS	59	4,731.2	3,183.0	2,643.4	1,661.4	1,851.4	2,176.1	59
TOTAL HEATING VAL,BILLION BTU	60	29,233.6	19,653.9	16,173.9	10,330.9	11,655.5	13,620.1	60
AVG. S CONTENT, % BY WEIGHT	61	0.9	1.0	0.7	1.0	0.9	1.0	61
AVG. PRICE, /MILLION BTU	62	206.8	227.3	255.1	232.4	242.8	249.8	62
TOTAL EST. OIL BILL, $1000	63	60,441.8	44,669.0	41,260.7	24,013.4	28,299.2	34,016.7	63
MOUNTAIN								
QUANTITY PURCHASED, 1000 BBLS	67	1,092.2	1,194.6	958.3	659.8	585.7	571.3	67
TOTAL HEATING VAL,BILLION BTU	68	6,752.5	7,429.3	5,924.7	4,057.1	3,603.6	3,543.2	68
AVG. S CONTENT, % BY WEIGHT	69	0.7	0.8	0.8	0.7	0.7	0.7	69
AVG. PRICE, /MILLION BTU	70	237.3	233.6	246.4	276.5	284.3	309.6	70
TOTAL EST. OIL BILL, $1000	71	16,023.4	17,352.6	14,599.4	11,217.7	10,244.0	10,970.1	71
PACIFIC								
QUANTITY PURCHASED, 1000 BBLS	75	10,336.4	9,145.6	8,096.4	6,433.8	6,692.0	7,562.1	75
TOTAL HEATING VAL,BILLION BTU	76	63,534.2	56,181.0	49,846.1	39,299.4	41,130.2	46,483.5	76
AVG. S CONTENT, % BY WEIGHT	77	0.3	0.3	0.4	0.3	0.3	0.3	77
AVG. PRICE, /MILLION BTU	78	262.9	267.9	265.2	283.1	277.8	283.4	78
TOTAL EST. OIL BILL, $1000	79	167,050.2	150,530.3	132,214.4	111,249.7	114,251.4	131,715.0	79

TWELVE MONTHS FOR STEAM-ELECTRIC PLANT,1979

MONTHLY SUMMARIES OF OIL PURCHASES

LINE	JULY 79	AUGUST 79	SEPTEMBER 79	OCTOBER 79	NOVEMBER 79	DECEMBER 79	TOTAL	LINE	
									NATIONAL DATA
1	42,164.4	43,724.1	36,546.2	33,530.0	35,882.0	41,565.1	489,021.1	1	QUANTITY PURCHASED, 1000 BBLS
2	261,369.7	271,246.8	226,684.6	207,993.1	222,522.7	257,500.7	3,027,344.8	2	TOTAL HEATING VAL,BILLION BTU
3	1.1	1.1	1.0	1.1	1.0	1.0	1.0	3	AVG. S CONTENT, % BY WEIGHT
4	314.7	328.0	337.8	351.4	367.1	399.2	303.5	4	AVG. PRICE, /MILLION BTU
5	822,585.9	889,810.1	765,807.7	730,806.0	816,776.3	1,027,870.2	9,187,925.0	5	TOTAL EST. OIL BILL, $1000
									REGIONAL DATA
									NEW ENGLAND
11	5,869.5	7,056.4	5,838.5	5,134.4	5,476.2	6,237.1	73,734.3	11	QUANTITY PURCHASED, 1000 BBLS
12	36,530.1	44,003.3	36,419.4	31,956.0	34,109.9	38,982.1	459,078.2	12	TOTAL HEATING VAL,BILLION BTU
13	1.3	1.5	1.3	1.4	1.5	1.5	1.4	13	AVG. S CONTENT, % BY WEIGHT
14	309.1	321.0	331.5	337.8	349.2	385.2	292.7	14	AVG. PRICE, /MILLION BTU
15	112,904.9	141,262.1	120,736.5	107,959.4	119,108.6	150,169.2	1,343,535.4	15	TOTAL EST. OIL BILL, $1000
									MIDDLE ATLANTIC
19	9,096.7	9,616.6	7,596.7	6,752.1	8,225.5	8,343.4	103,159.0	19	QUANTITY PURCHASED, 1000 BBLS
20	56,269.2	59,430.2	46,937.2	41,786.2	50,929.4	51,609.0	637,061.6	20	TOTAL HEATING VAL,BILLION BTU
21	1.1	1.2	0.9	1.0	0.9	1.0	1.0	21	AVG. S CONTENT, % BY WEIGHT
22	325.2	338.1	347.3	357.7	385.3	416.2	310.1	22	AVG. PRICE, /MILLION BTU
23	183,000.6	200,947.7	162,994.0	149,458.0	196,235.7	214,783.2	1,975,461.2	23	TOTAL EST. OIL BILL, $1000
									EAST NORTH CENTRAL
27	2,809.9	2,511.0	2,292.0	2,242.3	2,821.2	3,217.4	32,771.9	27	QUANTITY PURCHASED, 1000 BBLS
28	17,282.4	15,408.2	14,066.9	13,755.3	17,337.3	19,802.9	200,279.2	28	TOTAL HEATING VAL,BILLION BTU
29	0.7	0.7	0.7	0.7	0.7	0.7	0.6	29	AVG. S CONTENT, % BY WEIGHT
30	352.6	383.2	385.4	391.9	415.4	430.2	350.9	30	AVG. PRICE, /MILLION BTU
31	60,945.4	59,040.1	54,218.1	53,911.5	72,021.8	85,200.2	702,827.7	31	TOTAL EST. OIL BILL, $1000
									WEST NORTH CENTRAL
35	156.4	455.4	129.9	127.0	210.3	209.3	7,224.6	35	QUANTITY PURCHASED, 1000 BBLS
36	944.6	2,677.4	778.6	770.6	1,285.4	1,291.5	43,972.8	36	TOTAL HEATING VAL,BILLION BTU
37	0.8	0.4	0.7	1.0	0.9	1.1	0.9	37	AVG. S CONTENT, % BY WEIGHT
38	373.0	479.0	451.0	391.6	406.4	400.6	293.5	38	AVG. PRICE, /MILLION BTU
39	3,523.4	12,826.2	3,511.5	3,017.6	5,223.6	5,173.9	129,044.2	39	TOTAL EST. OIL BILL, $1000
									SOUTH ATLANTIC
43	12,196.4	11,789.2	10,300.5	10,308.9	8,008.9	9,132.3	127,115.6	43	QUANTITY PURCHASED, 1000 BBLS
44	76,090.0	73,854.0	64,455.7	64,390.7	50,193.3	57,171.7	793,086.3	44	TOTAL HEATING VAL,BILLION BTU
45	1.4	1.4	1.5	1.5	1.5	1.5	1.4	45	AVG. S CONTENT, % BY WEIGHT
46	312.8	320.6	325.3	347.1	353.1	382.2	298.4	46	AVG. PRICE, /MILLION BTU
47	237,986.2	236,789.7	209,651.[illegible]	223,469.5	177,245.1	218,516.8	2,366,706.8	47	TOTAL EST. OIL BILL, $1000
									EAST SOUTH CENTRAL
51	1,180.8	1,242.5	634.0	588.2	653.3	653.5	11,143.1	51	QUANTITY PURCHASED, 1000 BBLS
52	7,417.6	7,806.0	3,958.8	3,686.9	4,093.1	4,077.1	69,654.0	52	TOTAL HEATING VAL,BILLION BTU
53	2.6	2.5	2.3	2.2	2.4	2.1	2.3	53	AVG. S CONTENT, % BY WEIGHT
54	240.2	266.3	281.0	291.0	289.0	321.6	235.2	54	AVG. PRICE, /MILLION BTU
55	17,817.5	20,790.9	11,123.5	10,727.7	11,830.1	13,113.8	163,809.5	55	TOTAL EST. OIL BILL, $1000
									WEST SOUTH CENTRAL
59	2,588.4	1,910.3	1,068.1	930.7	1,771.6	1,552.9	26,068.5	59	QUANTITY PURCHASED, 1000 BBLS
60	16,109.4	11,875.9	6,634.4	5,799.2	10,999.8	9,582.9	161,669.5	60	TOTAL HEATING VAL,BILLION BTU
61	0.9	1.0	0.9	0.8	1.0	0.9	0.9	61	AVG. S CONTENT, % BY WEIGHT
62	305.8	298.6	318.1	330.6	339.5	396.4	267.8	62	AVG. PRICE, /MILLION BTU
63	49,255.8	35,464.1	21,103.5	19,173.2	37,339.3	37,982.9	433,019.5	63	TOTAL EST. OIL BILL, $1000
									MOUNTAIN
67	665.1	667.8	438.7	426.4	380.6	573.4	8,213.9	67	QUANTITY PURCHASED, 1000 BBLS
68	4,107.7	4,119.3	2,709.4	2,640.7	2,344.5	3,544.1	50,776.1	68	TOTAL HEATING VAL,BILLION BTU
69	0.7	0.6	0.6	0.7	0.6	0.6	0.7	69	AVG. S CONTENT, % BY WEIGHT
70	337.2	350.0	383.2	405.9	405.0	399.7	302.2	70	AVG. PRICE, /MILLION BTU
71	13,852.6	14,419.2	10,381.8	10,718.9	9,496.1	14,166.4	153,442.2	71	TOTAL EST. OIL BILL, $1000
									PACIFIC
75	7,601.2	8,474.9	8,248.0	7,019.9	8,334.3	11,645.7	99,590.2	75	QUANTITY PURCHASED, 1000 BBLS
76	46,618.8	52,072.5	50,724.3	43,207.6	51,230.0	71,439.4	611,767.2	76	TOTAL HEATING VAL,BILLION BTU
77	0.3	0.3	0.3	0.3	0.4	0.4	0.3	77	AVG. S CONTENT, % BY WEIGHT
78	307.4	323.1	339.3	352.6	367.5	404.2	313.9	78	AVG. PRICE, /MILLION BTU
79	143,299.6	168,270.3	172,087.6	152,370.3	188,276.1	288,764.1	1,920,079.0	79	TOTAL EST. OIL BILL, $1000

TABLE 9

1979 GAS DELIVERIES TO STEAM-ELECTRIC PLANTS

GEOGRAPHIC REGION AND STATE	LINE	NUMBER OF REPORTING		QUANTITY AND TYPE OF GAS RECEIVED IN THOUSANDS OF MCF					LINE
		COMPANIES	PLANTS	NATURAL GAS	LNG 1/	SNG 2/	OTHER 3/	TOTAL	
NEW ENGLAND									
CONNECTICUT	2	0	0	0.0	0.0	0.0	0.0	0.0	2
MAINE	3	0	0	0.0	0.0	0.0	0.0	0.0	3
MASSACHUSETTS	4	4	4	6,444.7	0.0	0.0	0.0	6,444.7	4
NEW HAMPSHIRE	5	0	0	0.0	0.0	0.0	0.0	0.0	5
RHODE ISLAND	6	1	1	1,337.0	0.0	0.0	0.0	1,337.0	6
VERMONT	7	1	1	534.2	0.0	0.0	0.0	534.2	7
..... TOTAL	9	6	6	8,315.9	0.0	0.0	0.0	8,315.9	9
MIDDLE ATLANTIC									
NEW JERSEY	12	3	7	26,394.2	0.0	0.0	0.0	26,394.2	12
NEW YORK	13	4	11	70,152.9	0.0	0.0	0.0	70,152.9	13
PENNSYLVANIA	14	1	1	176.3	0.0	0.0	0.0	176.3	14
..... TOTAL	16	8	19	96,723.4	0.0	0.0	0.0	96,723.4	16
EAST NORTH CENTRAL									
ILLINOIS	19	6	12	23,976.0	0.0	0.0	0.0	23,976.0	19
INDIANA	20	2	4	2,208.1	0.0	0.0	0.0	2,208.1	20
MICHIGAN	21	5	9	14,762.3	0.0	0.0	11,832.0	26,594.3	21
OHIO	22	3	3	936.1	0.0	0.0	859.5	1,795.6	22
WISCONSIN	23	6	9	13,776.9	0.0	0.0	0.0	13,776.9	23
..... TOTAL	25	22	37	55,659.5	0.0	0.0	12,691.5	68,351.0	25
WEST NORTH CENTRAL									
IOWA	28	8	16	7,757.1	0.0	0.0	0.0	7,757.1	28
KANSAS	29	11	20	100,535.1	0.0	0.0	0.0	100,535.1	29
MINNESOTA	30	7	11	5,103.5	0.0	0.0	0.0	5,103.5	30
MISSOURI	31	8	11	18,865.3	0.0	0.0	0.0	18,865.3	31
NEBRASKA	32	7	9	11,277.6	0.0	0.0	0.0	11,277.6	32
NORTH DAKOTA	33	0	0	0.0	0.0	0.0	0.0	0.0	33
SOUTH DAKOTA	34	2	2	171.9	0.0	0.0	0.0	171.9	34
..... TOTAL	36	43	69	143,710.6	0.0	0.0	0.0	143,710.6	36
SOUTH ATLANTIC									
DELAWARE	39	2	3	3,368.7	0.0	0.0	757.2	4,126.0	39
DISTRICT OF COLUMBIA	40	0	0	0.0	0.0	0.0	0.0	0.0	40
FLORIDA	41	10	23	151,589.8	0.0	0.0	0.0	151,589.8	41
GEORGIA	42	2	4	2,192.0	0.0	0.0	0.0	2,192.0	42
MARYLAND	43	0	0	0.0	0.0	0.0	0.0	0.0	43
NORTH CAROLINA	44	1	1	0.0	0.0	0.0	0.0	0.0	44
SOUTH CAROLINA	45	2	5	2,454.5	0.0	0.0	0.0	2,454.5	45
VIRGINIA	46	2	2	522.0	0.0	0.0	1,253.0	1,775.0	46
WEST VIRGINIA	47	1	1	85.5	0.0	0.0	0.0	85.5	47
..... TOTAL	49	20	39	160,212.5	0.0	0.0	2,010.2	162,222.7	49
EAST SOUTH CENTRAL									
ALABAMA	52	2	4	7,283.0	0.0	0.0	0.0	7,283.0	52
KENTUCKY	53	2	5	886.7	0.0	0.0	0.0	886.7	53
MISSISSIPPI	54	4	8	57,603.4	0.0	0.0	0.0	57,603.4	54
TENNESSEE	55	0	0	0.0	0.0	0.0	0.0	0.0	55
..... TOTAL	57	8	17	65,773.1	0.0	0.0	0.0	65,773.1	57
WEST SOUTH CENTRAL									
ARKANSAS	60	3	8	30,111.0	0.0	0.0	0.0	30,111.0	60
LOUISIANA	61	13	26	387,779.4	0.0	0.0	0.0	387,779.4	61
OKLAHOMA	62	4	15	328,992.1	0.0	0.0	0.0	328,992.1	62
TEXAS	63	22	80	1,337,836.2	0.0	0.0	0.0	1,337,836.2	63
..... TOTAL	65	42	129	2,084,718.7	0.0	0.0	0.0	2,084,718.7	65
MOUNTAIN									
ARIZONA	68	4	10	42,760.6	0.0	0.0	0.0	42,760.6	68
COLORADO	69	4	11	27,639.6	0.0	0.0	0.0	27,639.6	69
IDAHO	70	0	0	0.0	0.0	0.0	0.0	0.0	70
MONTANA	71	2	3	1,750.0	0.0	0.0	0.0	1,750.0	71
NEVADA	72	3	5	40,576.1	0.0	0.0	0.0	40,576.1	72
NEW MEXICO	73	9	13	55,595.4	0.0	0.0	0.0	55,595.4	73
UTAH	74	1	2	5,511.0	0.0	0.0	0.0	5,511.0	74
WYOMING	75	1	1	77.0	0.0	0.0	0.0	77.0	75
..... TOTAL	77	24	45	173,909.7	0.0	0.0	0.0	173,909.7	77
PACIFIC									
CALIFORNIA	80	8	36	437,483.1	0.0	0.0	6,574.5	444,057.6	80
OREGON	81	1	1	861.4	0.0	0.0	0.0	861.4	81
WASHINGTON	82	0	0	0.0	0.0	0.0	0.0	0.0	82
..... TOTAL	84	9	37	438,344.5	0.0	0.0	6,574.5	444,919.0	84
UNITED STATES TOTAL	86	182	398	3,227,368.0	0.0	0.0	21,276.2	3,248,644.2	86

1/ LIQUEFIED NATURAL GAS
2/ SYNTHETIC NATURAL GAS
3/ INCLUDES SMALL QUANTITIES OF COKE OVEN GAS, REFINERY GAS AND BLAST FURNACE GAS

TABLE 10

AVERAGE DELIVERED PRICES OF GAS AT STEAM-ELECTRIC PLANTS, 1979

GEOGRAPHIC REGION AND STATE	LINE	QUANTITY AND PRICE BY TYPE OF PURCHASE												LINE
		INTERRUPTIBLE GAS			FIRM GAS			OFF PEAK GAS			TOTAL GAS PURCHASES			
		QUANTITY 1000 MCF	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER MCF	QUANTITY 1000 MCF	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER MCF	QUANTITY 1000 MCF	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER MCF	QUANTITY 1000 MCF	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER MCF	
NEW ENGLAND														
CONNECTICUT	2	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	2
MAINE	3	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	3
MASSACHUSETTS	4	6,444.7	272.4	2.72	0.0	0.0	0.00	0.0	0.0	0.00	6,444.7	272.4	2.72	4
NEW HAMPSHIRE	5	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	5
RHODE ISLAND	6	1,337.0	247.0	2.58	0.0	0.0	0.00	0.0	0.0	0.00	1,337.0	247.0	2.58	6
VERMONT	7	534.2	262.6	2.63	0.0	0.0	0.00	0.0	0.0	0.00	534.2	262.6	2.63	7
..... TOTAL	9	8,315.9	267.6	2.70	0.0	0.0	0.00	0.0	0.0	0.00	8,315.9	267.6	2.70	9
MIDDLE ATLANTIC														
NEW JERSEY	12	26,394.2	255.9	2.66	0.0	0.0	0.00	0.0	0.0	0.00	26,394.2	255.9	2.66	12
NEW YORK	13	59,758.9	218.5	2.25	0.0	0.0	0.00	10,394.0	285.4	2.94	70,152.9	228.4	2.35	13
PENNSYLVANIA	14	175.4	257.0	2.57	0.9	238.4	2.38	0.0	0.0	0.00	176.3	256.9	2.57	14
..... TOTAL	16	86,328.5	230.1	2.38	0.9	238.4	2.38	10,394.0	285.4	2.94	96,723.4	236.0	2.44	16
EAST NORTH CENTRAL														
ILLINOIS	19	2,447.5	238.7	2.46	21,528.5	279.3	2.85	0.0	0.0	0.00	23,976.0	275.1	2.81	19
INDIANA	20	0.0	0.0	0.00	2,208.1	226.0	2.26	0.0	0.0	0.00	2,208.1	226.0	2.26	20
MICHIGAN	21	14,388.1	192.2	0.49*	12,206.2	244.6	2.48	0.0	0.0	0.00	26,594.3	232.6	1.40	21
OHIO	22	650.4	168.9	0.94	494.7	202.7	1.61	650.5	166.5	1.67	1,795.6	177.3	1.39	22
WISCONSIN	23	13,682.8	223.8	2.27	94.1	270.0	2.73	0.0	0.0	0.00	13,776.9	224.1	2.27	23
..... TOTAL	25	31,168.8	219.0	1.43	36,531.6	263.7	2.67	650.5	166.5	1.67	68,351.0	246.9	2.10	25
WEST NORTH CENTRAL														
IOWA	28	6,343.5	200.2	2.02	1,413.6	198.3	2.00	0.0	0.0	0.00	7,757.1	199.9	2.02	28
KANSAS	29	85,278.5	138.7	1.35	15,256.6	177.6	1.59	0.0	0.0	0.00	100,535.1	144.2	1.38	29
MINNESOTA	30	4,943.0	171.8	1.70	160.5	190.3	1.89	0.0	0.0	0.00	5,103.5	172.4	1.71	30
MISSOURI	31	18,865.3	152.1	1.48	0.0	0.0	0.00	0.0	0.0	0.00	18,865.3	152.1	1.48	31
NEBRASKA	32	11,169.0	143.9	1.37	108.6	203.4	2.03	0.0	0.0	0.00	11,277.6	144.5	1.38	32
NORTH DAKOTA	33	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	33
SOUTH DAKOTA	34	149.2	183.1	1.81	22.7	238.4	2.22	0.0	0.0	0.00	171.9	190.0	1.87	34
..... TOTAL	36	126,748.6	145.7	1.42	16,962.0	179.9	1.63	0.0	0.0	0.00	143,710.6	149.5	1.44	36
SOUTH ATLANTIC														
DELAWARE	39	3,763.6	278.7	2.91	362.4	267.3	2.76	0.0	0.0	0.00	4,126.0	277.7	2.90	39
DISTRICT OF COLUMBIA	40	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	40
FLORIDA	41	57,212.3	163.1	1.71	94,377.5	105.0	1.05	0.0	0.0	0.00	151,589.8	127.5	1.30	41
GEORGIA	42	2,192.0	257.9	2.83	0.0	0.0	0.00	0.0	0.0	0.00	2,192.0	257.9	2.83	42
MARYLAND	43	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	43
NORTH CAROLINA	44	0.0	440.5	4.54	0.0	0.0	0.00	0.0	0.0	0.00	0.0	440.5	4.54	44
SOUTH CAROLINA	45	2,269.4	212.3	2.29	185.0	188.3	2.05	0.0	0.0	0.00	2,454.5	210.5	2.27	45
VIRGINIA	46	1,775.0	243.8	2.87	0.0	0.0	0.00	0.0	0.0	0.00	1,775.0	243.8	2.87	46
WEST VIRGINIA	47	85.5	277.2	2.77	0.0	0.0	0.00	0.0	0.0	0.00	85.5	277.2	2.77	47
..... TOTAL	49	67,297.8	176.9	1.87	94,924.9	105.8	1.06	0.0	0.0	0.00	162,222.7	136.2	1.40	49
EAST SOUTH CENTRAL														
ALABAMA	52	7,283.0	228.1	2.56	0.0	0.0	0.00	0.0	0.0	0.00	7,283.0	228.1	2.56	52
KENTUCKY	53	77.1	213.2	2.13	60.5	153.1	1.57	749.1	164.4	1.69	886.7	167.8	1.72	53
MISSISSIPPI	54	271.0	195.2	1.95	57,332.4	181.9	1.83	0.0	0.0	0.00	57,603.4	181.9	1.83	54
TENNESSEE	55	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	55
..... TOTAL	57	7,631.1	226.9	2.53	57,392.9	181.8	1.83	749.1	164.4	1.69	65,773.1	187.3	1.91	57
WEST SOUTH CENTRAL														
ARKANSAS	60	30,111.0	171.2	1.76	0.0	0.0	0.00	0.0	0.0	0.00	30,111.0	171.2	1.76	60
LOUISIANA	61	84,317.1	229.8	2.40	303,462.3	124.1	1.30	0.0	0.0	0.00	387,779.4	147.0	1.54	61
OKLAHOMA	62	7,916.2	186.1	1.91	321,075.9	153.6	1.61	0.0	0.0	0.00	328,992.1	154.4	1.62	62
TEXAS	63	145,353.4	202.7	2.09	1,192,482.8	154.8	1.61	0.0	0.0	0.00	1,337,836.2	160.0	1.66	63
..... TOTAL	65	267,697.8	207.3	2.15	1,817,021.0	149.4	1.56	0.0	0.0	0.00	2,084,718.7	156.8	1.63	65
MOUNTAIN														
ARIZONA	68	24,777.7	194.3	2.06	17,982.9	229.0	2.42	0.0	0.0	0.00	42,760.6	208.9	2.21	68
COLORADO	69	26,424.6	194.1	1.89	1,215.0	147.0	1.40	0.0	0.0	0.00	27,639.6	192.1	1.87	69
IDAHO	70	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	70
MONTANA	71	5.6	165.8	1.63	1,744.4	210.6	2.28	0.0	0.0	0.00	1,750.0	210.4	2.28	71
NEVADA	72	20,625.7	256.1	2.68	19,950.4	200.7	2.17	0.0	0.0	0.00	40,576.1	228.4	2.43	72
NEW MEXICO	73	46,193.9	208.7	2.19	9,401.4	196.0	1.90	0.0	0.0	0.00	55,595.4	206.6	2.14	73
UTAH	74	5,511.0	161.0	1.55	0.0	0.0	0.00	0.0	0.0	0.00	5,511.0	161.0	1.55	74
WYOMING	75	77.0	320.5	2.71	0.0	0.0	0.00	0.0	0.0	0.00	77.0	320.5	2.71	75
..... TOTAL	77	123,615.6	208.9	2.15	50,294.2	209.2	2.19	0.0	0.0	0.00	173,909.7	209.0	2.16	77
PACIFIC														
CALIFORNIA	80	444,057.6	244.7	2.58	0.0	0.0	0.00	0.0	0.0	0.00	444,057.6	244.7	2.58	80
OREGON	81	861.4	291.1	3.05	0.0	0.0	0.00	0.0	0.0	0.00	861.4	291.1	3.05	81
WASHINGTON	82	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	82
..... TOTAL	84	444,919.0	244.7	2.58	0.0	0.0	0.00	0.0	0.0	0.00	444,919.0	244.7	2.58	84
UNITED STATES TOTAL	86	1,163,723.0	216.5	2.22	2,073,127.5	152.0	1.58	11,793.6	271.4	2.79	3,248,644.2	175.4	1.81	86

* INCLUDES SMALL QUANTITIES OF BLAST FURNACE GAS AVERAGING 92 BTU'S PER CUBIC FOOT

TABLE 11

BASIC GAS STATISTICS DURING THE PAST

	LINE	MONTHLY SUMMARIES OF GAS PURCHASES						LINE
NATIONAL DATA		JANUARY 79	FEBRUARY 79	MARCH 79	APRIL 79	MAY 79	JUNE 79	
QNTY PURCHASED: FIRM 1000 MCF	1	175,853.9	154,302.1	162,818.7	147,818.2	164,673.0	187,154.2	1
INTERRUPTIBLE 1000 MCF	2	41,158.3	55,839.8	93,588.6	86,370.4	93,325.3	113,189.6	2
TOTAL 1000 MCF	3	217,012.2	210,142.0	256,407.4	234,188.6	257,998.3	300,343.8	3
TOTAL HEATING VAL,BILLION BTU	4	223,764.5	217,295.7	266,156.1	242,226.9	266,284.4	310,202.3	4
AVG. PRICE /MILLION BTU	5	150.2	159.1	162.8	164.4	177.2	179.3	5
TOTAL EST. GAS BILL, $1000	6	336,027.9	345,689.4	433,284.4	398,317.9	471,898.0	556,178.1	6
REGIONAL DATA								
NEW ENGLAND								
QNTY PURCHASED: FIRM 1000 MCF	12	0.0	0.0	0.0	0.0	0.0	0.0	12
INTERRUPTIBLE 1000 MCF	13	168.9	146.9	528.9	601.2	1,130.1	1,064.2	13
TOTAL 1000 MCF	14	168.9	146.9	528.9	601.2	1,130.1	1,064.2	14
TOTAL HEATING VAL,BILLION BTU	15	168.9	146.9	528.9	601.2	1,130.1	1,064.2	15
AVG. PRICE /MILLION BTU	16	208.4	219.1	224.0	233.9	250.1	263.1	16
TOTAL EST. GAS BILL, $1000	17	352.0	322.0	1,184.8	1,406.0	2,826.5	2,799.7	17
MIDDLE ATLANTIC								
QNTY PURCHASED: FIRM 1000 MCF	21	0.0	0.0	0.0	0.0	0.9	0.0	21
INTERRUPTIBLE 1000 MCF	22	368.1	402.2	1,155.2	1,507.2	7,324.6	9,700.4	22
TOTAL 1000 MCF	23	368.1	402.2	1,155.2	1,507.2	7,325.5	9,700.4	23
TOTAL HEATING VAL,BILLION BTU	24	380.3	414.7	1,195.0	1,552.0	7,541.2	9,996.3	24
AVG. PRICE /MILLION BTU	25	179.2	183.0	179.3	190.1	192.5	204.7	25
TOTAL EST. GAS BILL, $1000	26	681.6	758.7	2,142.1	2,950.3	14,516.2	20,460.1	26
EAST NORTH CENTRAL								
QNTY PURCHASED: FIRM 1000 MCF	30	2,622.9	4,993.9	6,373.6	5,323.1	2,465.9	1,227.5	30
INTERRUPTIBLE 1000 MCF	31	2,134.5	2,436.9	3,345.8	2,866.1	2,924.0	2,971.2	31
TOTAL 1000 MCF	32	4,757.4	7,430.8	9,719.4	8,189.2	5,389.9	4,198.7	32
TOTAL HEATING VAL,BILLION BTU	33	4,070.2	6,778.9	9,129.2	7,177.7	3,818.9	2,526.3	33
AVG. PRICE /MILLION BTU	34	217.2	241.7	242.3	244.3	247.1	232.5	34
TOTAL EST. GAS BILL, $1000	35	8,840.1	16,386.2	22,118.4	17,535.6	9,437.7	5,873.2	35
WEST NORTH CENTRAL								
QNTY PURCHASED: FIRM 1000 MCF	39	1,262.8	1,205.5	995.0	1,259.8	1,437.3	1,483.9	39
INTERRUPTIBLE 1000 MCF	40	3,726.2	2,831.4	9,996.6	9,863.5	12,718.3	14,938.1	40
TOTAL 1000 MCF	41	4,989.0	4,036.8	10,991.6	11,123.3	14,155.5	16,421.9	41
TOTAL HEATING VAL,BILLION BTU	42	4,764.2	3,833.0	10,614.3	10,751.0	13,684.7	15,907.8	42
AVG. PRICE /MILLION BTU	43	143.0	145.5	137.6	143.8	147.1	146.1	43
TOTAL EST. GAS BILL, $1000	44	6,811.1	5,575.6	14,605.2	15,459.6	20,134.4	23,243.3	44
SOUTH ATLANTIC								
QNTY PURCHASED: FIRM 1000 MCF	48	8,954.1	7,949.1	8,984.9	7,368.0	8,054.5	8,252.9	48
INTERRUPTIBLE 1000 MCF	49	1,275.7	2,086.4	4,201.9	5,207.6	6,164.4	6,469.7	49
TOTAL 1000 MCF	50	10,229.8	10,035.5	13,186.8	12,575.6	14,218.9	14,722.6	50
TOTAL HEATING VAL,BILLION BTU	51	10,445.7	10,138.2	13,538.7	12,936.2	14,621.0	15,095.3	51
AVG. PRICE /MILLION BTU	52	94.1	103.0	118.5	119.7	123.5	126.5	52
TOTAL EST. GAS BILL, $1000	53	9,826.2	10,445.4	16,046.3	15,490.3	18,054.8	19,102.4	53
EAST SOUTH CENTRAL								
QNTY PURCHASED: FIRM 1000 MCF	57	2,500.5	2,128.0	3,569.1	3,097.5	3,367.1	5,442.9	57
INTERRUPTIBLE 1000 MCF	58	543.7	495.2	713.6	763.4	658.0	672.0	58
TOTAL 1000 MCF	59	3,044.2	2,623.2	4,282.7	3,860.9	4,025.1	6,114.9	59
TOTAL HEATING VAL,BILLION BTU	60	3,137.7	2,660.3	4,356.7	3,909.4	4,066.6	6,259.8	60
AVG. PRICE /MILLION BTU	61	175.6	177.9	169.1	172.3	195.0	185.9	61
TOTAL EST. GAS BILL, $1000	62	5,510.2	4,731.6	7,365.9	6,734.9	7,930.4	11,636.6	62
WEST SOUTH CENTRAL								
QNTY PURCHASED: FIRM 1000 MCF	66	158,954.1	135,465.6	138,625.4	127,372.3	145,282.9	166,083.8	66
INTERRUPTIBLE 1000 MCF	67	18,120.9	17,274.2	18,792.0	19,534.4	17,974.7	23,864.5	67
TOTAL 1000 MCF	68	177,075.0	152,739.8	157,417.4	146,906.7	163,257.6	189,948.3	68
TOTAL HEATING VAL,BILLION BTU	69	183,630.5	158,825.6	164,257.8	153,370.8	170,455.2	198,320.5	69
AVG. PRICE /MILLION BTU	70	146.2	147.6	142.5	149.2	169.2	168.5	70
TOTAL EST. GAS BILL, $1000	71	268,516.2	234,470.0	234,136.4	228,849.4	288,476.5	334,221.5	71
MOUNTAIN								
QNTY PURCHASED: FIRM 1000 MCF	75	1,559.6	2,560.1	4,270.8	3,397.4	4,064.3	4,663.3	75
INTERRUPTIBLE 1000 MCF	76	6,066.9	6,321.0	7,863.2	9,369.2	9,438.0	11,696.9	76
TOTAL 1000 MCF	77	7,626.5	8,881.1	12,133.9	12,766.6	13,502.4	16,360.1	77
TOTAL HEATING VAL,BILLION BTU	78	7,874.3	9,162.1	12,543.1	13,136.1	13,947.3	16,973.9	78
AVG. PRICE /MILLION BTU	79	178.1	174.9	196.9	182.3	193.0	198.3	79
TOTAL EST. GAS BILL, $1000	80	14,021.3	16,026.9	24,692.6	23,942.3	26,923.7	33,657.8	80
PACIFIC								
QNTY PURCHASED: FIRM 1000 MCF	84	0.0	0.0	0.0	0.0	0.0	0.0	84
INTERRUPTIBLE 1000 MCF	85	8,753.3	23,845.7	46,991.6	36,657.9	34,993.2	41,812.7	85
TOTAL 1000 MCF	86	8,753.3	23,845.7	46,991.6	36,657.9	34,993.2	41,812.7	86
TOTAL HEATING VAL,BILLION BTU	87	9,292.8	25,336.0	49,992.4	38,792.5	37,019.4	44,058.2	87
AVG. PRICE /MILLION BTU	88	231.0	224.9	222.0	221.6	225.8	238.7	88
TOTAL EST. GAS BILL, $1000	89	21,469.2	56,972.9	110,992.7	85,949.3	83,597.8	105,183.5	89

NOTE: OFF PEAK IS OMITTED FROM THIS TABLE

TWELVE MONTHS FOR STEAM-ELECTRIC PLANTS, 1979

MONTHLY SUMMARIES OF GAS PURCHASES

LINE	JULY 79	AUGUST 79	SEPTEMBER 79	OCTOBER 79	NOVEMBER 79	DECEMBER 79	TOTAL	LINE	NATIONAL DATA
1	207,012.6	210,512.3	183,489.2	174,596.2	151,541.7	153,355.4	2,073,127.5	1	QNTY PURCHASED: FIRM 1000 MCF
2	133,377.9	131,380.0	125,912.5	123,319.7	89,689.0	76,571.8	1,163,723.0	2	INTERRUPTIBLE 1000 MCF
3	340,390.5	341,892.2	309,401.7	297,915.9	241,230.7	229,927.2	3,236,850.5	3	TOTAL 1000 MCF
4	351,721.8	355,044.0	320,148.1	308,233.4	249,255.1	237,047.9	3,347,380.2	4	TOTAL HEATING VAL,BILLION BTU
5	178.5	180.3	182.9	188.6	179.6	183.3	175.0	5	AVG. PRICE /MILLION BTU
6	627,873.7	640,229.1	585,646.6	581,179.6	447,763.2	434,397.2	5,858,484.4	6	TOTAL EST. GAS BILL, $1000
									REGIONAL DATA
									NEW ENGLAND
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	QNTY PURCHASED: FIRM 1000 MCF
13	1,218.2	1,255.7	1,182.8	616.6	295.4	107.1	8,315.9	13	INTERRUPTIBLE 1000 MCF
14	1,218.2	1,255.7	1,182.8	616.6	295.4	107.1	8,315.9	14	TOTAL 1000 MCF
15	1,233.0	1,268.2	1,216.1	617.8	295.4	107.1	8,377.7	15	TOTAL HEATING VAL,BILLION BTU
16	261.9	277.5	295.4	308.0	317.3	319.9	267.6	16	AVG. PRICE /MILLION BTU
17	3,229.8	3,519.2	3,592.3	1,902.9	937.2	342.6	22,414.9	17	TOTAL EST. GAS BILL, $1000
									MIDDLE ATLANTIC
21	0.0	0.0	0.0	0.0	0.0	0.0	0.9	21	QNTY PURCHASED: FIRM 1000 MCF
22	15,359.2	14,809.9	11,677.7	8,852.1	9,224.5	5,947.3	86,328.5	22	INTERRUPTIBLE 1000 MCF
23	15,359.2	14,809.9	11,677.7	8,852.1	9,224.5	5,947.3	86,329.4	23	TOTAL 1000 MCF
24	15,872.4	15,303.8	12,075.7	9,145.9	9,580.5	6,134.4	89,192.0	24	TOTAL HEATING VAL,BILLION BTU
25	222.1	235.2	259.6	261.1	236.6	237.1	230.1	25	AVG. PRICE /MILLION BTU
26	35,252.5	36,000.3	31,343.5	23,883.0	22,666.7	14,546.1	205,201.1	26	TOTAL EST. GAS BILL, $1000
									EAST NORTH CENTRAL
30	1,084.1	3,201.7	3,296.1	2,812.4	1,686.3	1,444.0	36,531.6	30	QNTY PURCHASED: FIRM 1000 MCF
31	3,189.3	1,656.2	2,297.7	2,486.2	2,651.4	2,209.6	31,168.8	31	INTERRUPTIBLE 1000 MCF
32	4,273.4	4,857.9	5,593.8	5,298.6	4,337.7	3,653.6	67,700.4	32	TOTAL 1000 MCF
33	2,806.5	4,902.6	4,646.1	4,669.6	3,843.3	3,058.9	57,428.1	33	TOTAL HEATING VAL,BILLION BTU
34	222.9	258.9	280.4	254.3	262.9	266.7	247.8	34	AVG. PRICE /MILLION BTU
35	6,256.0	12,694.4	13,025.8	11,876.9	10,103.4	8,157.0	142,304.8	35	TOTAL EST. GAS BILL, $1000
									WEST NORTH CENTRAL
39	1,787.9	1,900.6	1,651.3	1,417.8	1,230.7	1,329.4	16,962.0	39	QNTY PURCHASED: FIRM 1000 MCF
40	15,647.4	15,652.9	10,622.8	10,100.8	10,023.4	10,627.3	126,748.6	40	INTERRUPTIBLE 1000 MCF
41	17,435.3	17,553.5	12,274.1	11,518.6	11,254.1	11,956.8	143,710.6	41	TOTAL 1000 MCF
42	16,879.4	17,049.8	11,851.7	11,089.4	10,861.4	11,530.0	138,816.7	42	TOTAL HEATING VAL,BILLION BTU
43	148.8	152.1	152.6	154.0	154.7	161.7	149.5	43	AVG. PRICE /MILLION BTU
44	25,116.3	25,940.2	18,080.4	17,078.0	16,800.9	18,638.9	207,483.9	44	TOTAL EST. GAS BILL, $1000
									SOUTH ATLANTIC
48	6,632.9	7,114.7	8,003.8	8,591.2	7,335.9	7,682.9	94,924.9	48	QNTY PURCHASED: FIRM 1000 MCF
49	8,565.9	8,356.0	7,771.5	7,232.1	5,751.1	4,215.5	67,297.8	49	INTERRUPTIBLE 1000 MCF
50	15,198.8	15,470.7	15,775.3	15,823.3	13,087.0	11,898.4	162,222.7	50	TOTAL 1000 MCF
51	15,657.6	15,912.1	16,189.1	16,212.3	13,375.2	12,106.9	166,228.3	51	TOTAL HEATING VAL,BILLION BTU
52	155.5	155.3	160.0	158.1	138.5	150.8	136.2	52	AVG. PRICE /MILLION BTU
53	24,346.7	24,707.0	25,903.2	25,638.4	18,528.7	18,256.0	226,345.4	53	TOTAL EST. GAS BILL, $1000
									EAST SOUTH CENTRAL
57	8,512.3	8,157.8	6,855.6	6,544.7	3,647.4	3,570.0	57,392.9	57	QNTY PURCHASED: FIRM 1000 MCF
58	590.4	550.1	748.1	671.5	588.2	637.0	7,631.1	58	INTERRUPTIBLE 1000 MCF
59	9,102.7	8,707.9	7,603.7	7,216.2	4,235.6	4,207.0	65,024.0	59	TOTAL 1000 MCF
60	9,357.0	8,919.4	7,780.9	7,354.2	4,332.0	4,238.0	66,371.9	60	TOTAL HEATING VAL,BILLION BTU
61	182.0	192.9	188.4	198.4	194.0	205.7	187.6	61	AVG. PRICE /MILLION BTU
62	17,025.9	17,202.0	14,662.1	14,593.0	8,404.9	8,717.0	124,514.7	62	TOTAL EST. GAS BILL, $1000
									WEST SOUTH CENTRAL
66	183,413.4	185,090.3	158,289.0	149,997.1	133,263.1	135,184.0	1,817,021.0	66	QNTY PURCHASED: FIRM 1000 MCF
67	29,693.4	29,259.2	26,215.1	24,114.9	20,837.7	22,016.6	267,697.8	67	INTERRUPTIBLE 1000 MCF
68	213,106.8	214,349.5	184,504.2	174,112.0	154,100.8	157,200.6	2,084,718.7	68	TOTAL 1000 MCF
69	222,074.8	223,621.1	192,286.3	181,146.8	160,181.5	163,215.5	2,171,386.3	69	TOTAL HEATING VAL,BILLION BTU
70	161.3	160.4	157.1	161.3	152.9	159.2	156.8	70	AVG. PRICE /MILLION BTU
71	358,296.1	358,771.1	302,019.1	292,257.4	244,994.6	259,809.2	3,404,816.3	71	TOTAL EST. GAS BILL, $1000
									MOUNTAIN
75	5,581.9	5,047.1	5,393.3	5,233.0	4,378.3	4,145.0	50,294.2	75	QNTY PURCHASED: FIRM 1000 MCF
76	13,683.6	15,021.5	14,215.1	12,148.4	9,561.9	8,229.9	123,615.6	76	INTERRUPTIBLE 1000 MCF
77	19,265.6	20,068.6	19,608.4	17,381.4	13,940.2	12,375.0	173,909.7	77	TOTAL 1000 MCF
78	20,055.5	20,887.7	20,300.5	17,932.0	14,368.4	12,838.1	180,019.1	78	TOTAL HEATING VAL,BILLION BTU
79	205.1	216.3	212.4	225.3	232.5	262.5	209.0	79	AVG. PRICE /MILLION BTU
80	41,136.5	45,177.4	43,108.5	40,393.3	33,411.5	33,700.8	376,192.5	80	TOTAL EST. GAS BILL, $1000
									PACIFIC
84	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84	QNTY PURCHASED: FIRM 1000 MCF
85	45,430.5	44,818.5	51,181.7	57,097.1	30,755.4	22,581.5	444,919.0	85	INTERRUPTIBLE 1000 MCF
86	45,430.5	44,818.5	51,181.7	57,097.1	30,755.4	22,581.5	444,919.0	86	TOTAL 1000 MCF
87	47,785.7	47,179.3	53,801.8	60,065.3	32,417.3	23,819.1	469,560.0	87	TOTAL HEATING VAL,BILLION BTU
88	245.3	246.3	248.9	255.6	283.5	303.2	244.7	88	AVG. PRICE /MILLION BTU
89	117,213.7	116,217.6	133,911.7	153,556.9	91,915.3	72,229.6	1,149,210.2	89	TOTAL EST. GAS BILL, $1000

TABLE 12

1979 FUEL OIL DELIVERIES FOR COMBUSTION TURBINE AND INTERNAL COMBUSTION UNITS

GEOGRAPHIC REGION AND STATE	LINE	NUMBER OF REPORTING		QUANTITY AND TYPE OF OIL RECEIVED IN THOUSANDS OF BARRELS							LINE
		COM-PANIES	PLANTS	FUEL OIL NO. 2	FUEL OIL NO. 4 1/	FUEL OIL NO. 5 1/	FUEL OIL NO. 6	CRUDE OIL 2/	KEROSENE 3/	TOTAL	
NEW ENGLAND											
CONNECTICUT	2	3	6	3.6	0.0	0.0	0.0	0.0	155.1	158.7	2
MAINE	3	1	1	12.0	0.0	0.0	0.0	0.0	0.0	12.0	3
MASSACHUSETTS	4	7	12	235.8	0.0	0.0	0.0	0.0	22.3	258.1	4
NEW HAMPSHIRE	5	1	2	0.0	0.0	0.0	0.0	0.0	2.5	2.5	5
RHODE ISLAND	6	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
VERMONT	7	2	2	12.2	0.0	0.0	0.0	0.0	3.7	15.9	7
..... TOTAL	9	14	23	263.6	0.0	0.0	0.0	0.0	183.6	447.2	9
MIDDLE ATLANTIC											
NEW JERSEY	12	4	18	1,976.5	0.0	0.0	0.0	0.0	891.9	2,868.4	12
NEW YORK	13	4	21	937.5	0.0	0.0	0.0	0.0	418.8	1,356.3	13
PENNSYLVANIA	14	5	28	1,880.8	0.0	0.0	0.0	0.0	0.0	1,880.8	14
..... TOTAL	16	13	67	4,794.8	0.0	0.0	0.0	0.0	1,310.7	6,105.5	16
EAST NORTH CENTRAL											
ILLINOIS	19	5	17	2,374.6	0.0	0.0	0.0	0.0	563.8	2,938.4	19
INDIANA	20	4	6	564.7	0.0	0.0	0.0	0.0	34.4	599.1	20
MICHIGAN	21	3	10	204.6	0.0	0.0	0.0	0.0	15.4	220.0	21
OHIO	22	10	23	1,673.9	0.0	0.0	0.0	0.0	62.0	1,735.9	22
WISCONSIN	23	5	11	876.8	0.0	0.0	0.0	0.0	0.0	876.8	23
..... TOTAL	25	27	67	5,694.6	0.0	0.0	0.0	0.0	675.6	6,370.2	25
WEST NORTH CENTRAL											
IOWA	28	4	4	166.1	0.0	0.0	0.0	0.0	0.0	166.1	28
KANSAS	29	5	5	210.8	0.0	0.0	0.0	0.0	0.0	210.8	29
MINNESOTA	30	6	10	369.5	0.0	0.0	0.0	0.0	0.0	369.5	30
MISSOURI	31	5	11	591.8	0.0	0.0	0.0	0.0	0.0	591.8	31
NEBRASKA	32	5	8	209.4	0.0	0.0	0.0	0.0	0.0	209.4	32
NORTH DAKOTA	33	1	1	12.8	0.0	0.0	0.0	0.0	0.0	12.8	33
SOUTH DAKOTA	34	1	1	50.5	0.0	0.0	0.0	0.0	0.0	50.5	34
..... TOTAL	36	27	40	1,611.0	0.0	0.0	0.0	0.0	0.0	1,611.0	36
SOUTH ATLANTIC											
DELAWARE	39	1	1	51.2	0.0	0.0	0.0	0.0	0.0	51.2	39
DISTRICT OF COLUMBIA	40	1	1	91.0	0.0	0.0	0.0	0.0	0.0	91.0	40
FLORIDA	41	11	22	2,914.4	0.0	0.0	619.0	0.0	0.0	3,533.4	41
GEORGIA	42	1	2	97.0	0.0	0.0	0.0	0.0	0.0	97.0	42
MARYLAND	43	3	10	526.1	0.0	0.0	0.0	0.0	14.0	540.1	43
NORTH CAROLINA	44	3	11	227.4	0.0	0.0	0.0	0.0	0.0	227.4	44
SOUTH CAROLINA	45	4	10	354.5	0.0	0.0	0.0	0.0	0.0	354.5	45
VIRGINIA	46	2	5	404.0	0.0	0.0	0.0	0.0	0.0	404.0	46
WEST VIRGINIA	47	1	1	0.0	0.0	0.0	0.0	0.0	2.0	2.0	47
..... TOTAL	49	27	63	4,665.5	0.0	0.0	619.0	0.0	16.0	5,300.5	49
EAST SOUTH CENTRAL											
ALABAMA	52	2	3	98.3	0.0	0.0	0.0	0.0	0.0	98.3	52
KENTUCKY	53	2	2	13.7	0.0	0.0	0.0	0.0	0.0	13.7	53
MISSISSIPPI	54	1	2	63.7	0.0	0.0	0.0	0.0	0.0	63.7	54
TENNESSEE	55	1	3	722.7	0.0	0.0	0.0	0.0	0.0	722.7	55
..... TOTAL	57	6	10	898.3	0.0	0.0	0.0	0.0	0.0	898.3	57
WEST SOUTH CENTRAL											
ARKANSAS	60	2	5	79.6	0.0	0.0	0.0	0.0	0.0	79.6	60
LOUISIANA	61	5	5	50.5	0.0	0.0	0.0	0.0	0.0	50.5	61
OKLAHOMA	62	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62
TEXAS	63	2	5	39.8	0.0	0.0	0.0	0.0	0.0	39.8	63
..... TOTAL	65	9	15	169.9	0.0	0.0	0.0	0.0	0.0	169.9	65
MOUNTAIN											
ARIZONA	68	2	7	1,246.0	0.0	0.0	0.0	0.0	0.0	1,246.0	68
COLORADO	69	1	5	458.5	0.0	0.0	0.0	0.0	0.0	458.5	69
IDAHO	70	1	1	3.2	0.0	0.0	0.0	0.0	0.0	3.2	70
MONTANA	71	2	2	9.9	0.0	0.0	0.0	0.0	0.0	9.9	71
NEVADA	72	1	1	2.6	0.0	0.0	0.0	0.0	0.0	2.6	72
NEW MEXICO	73	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73
UTAH	74	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
WYOMING	75	1	1	0.2	0.0	0.0	0.0	0.0	0.0	0.2	75
..... TOTAL	77	8	17	1,720.5	0.0	0.0	0.0	0.0	0.0	1,720.5	77
PACIFIC											
CALIFORNIA	80	7	21	2,221.5	0.0	0.0	0.0	0.0	964.1	3,185.6	80
OREGON	81	1	1	1,540.0	0.0	0.0	0.0	0.0	0.0	1,540.0	81
WASHINGTON	82	2	4	70.7	0.0	0.0	0.0	0.0	21.7	92.5	82
..... TOTAL	84	10	26	3,832.2	0.0	0.0	0.0	0.0	985.8	4,818.0	84
UNITED STATES TOTAL	86	141	328	23,650.4	0.0	0.0	619.0	0.0	3,171.7	27,441.1	86

1/ BLEND OF FO2 AND FO6 FUEL OIL
2/ INCLUDES SMALL QUANTITIES OF TOPPED CRUDE
3/ INCLUDES SMALL QUANTITIES OF JET FUEL

TABLE 13

AVERAGE DELIVERED PRICE OF FUEL OIL FOR COMBUSTION TURBINE AND INTERNAL COMBUSTION UNITS, 1979

GEOGRAPHIC REGION AND STATE	LINE	PRICE OF ALL FUEL OIL BY TYPE OF PURCHASE						AVERAGE PRICES OF OTHER PRODUCTS								LINE
		CONTRACT PURCHASES 1000 BBLS.	AVG. CONTRACT PRICE ¢ PER 10^6 BTU	AVG. CONTRACT PRICE $ PER BBL.	SPOT PURCHASES 1000 BBLS.	AVG. SPOT PRICE ¢ PER 10^6 BTU	AVG. SPOT PRICE $ PER BBL.	FUEL OIL NO. 2 ¢ PER 10^6 BTU	FUEL OIL NO. 2 $ PER BBL.	FUEL OIL NO. 4 - NO. 5 ¢ PER 10^6 BTU	FUEL OIL NO. 4 - NO. 5 $ PER BBL.	CRUDE OIL ¢ PER 10^6 BTU	CRUDE OIL $ PER BBL.	KEROSENE ¢ PER 10^6 BTU	KEROSENE $ PER BBL.	
NEW ENGLAND																
CONNECTICUT	2	158.7	367.4	20.62	0.0	0.0	0.00	341.3	19.61	0.0	0.00	0.0	0.00	368.1	20.64	2
MAINE	3	0.0	0.0	0.00	12.0	458.8	26.91	458.8	26.91	0.0	0.00	0.0	0.00	0.0	0.00	3
MASSACHUSETTS	4	240.3	424.0	24.58	17.8	411.8	23.81	418.3	24.31	0.0	0.00	0.0	0.00	476.7	26.75	4
NEW HAMPSHIRE	5	2.3	482.5	27.20	0.2	369.2	20.77	0.0	0.00	0.0	0.00	0.0	0.00	473.4	26.69	5
RHODE ISLAND	6	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	6
VERMONT	7	15.9	465.1	27.43	0.0	0.0	0.00	398.8	23.82	0.0	0.00	0.0	0.00	697.4	39.39	7
..... TOTAL	9	417.2	404.9	23.19	30.0	430.5	25.03	418.2	24.34	0.0	0.00	0.0	0.00	389.4	21.84	9
MIDDLE ATLANTIC																
NEW JERSEY	12	2,868.4	410.6	23.75	0.0	0.0	0.00	412.9	24.10	0.0	0.00	0.0	0.00	405.4	22.98	12
NEW YORK	13	1,324.7	401.8	23.04	31.6	470.6	26.27	401.2	23.15	0.0	0.00	0.0	0.00	408.4	23.03	13
PENNSYLVANIA	14	1,192.2	390.3	22.73	688.5	373.4	21.67	384.2	22.34	0.0	0.00	0.0	0.00	0.0	0.00	14
..... TOTAL	16	5,385.3	403.9	23.35	720.1	377.5	21.87	399.3	23.22	0.0	0.00	0.0	0.00	406.4	23.00	16
EAST NORTH CENTRAL																
ILLINOIS	19	2,526.8	381.9	22.02	411.6	392.1	22.66	377.3	21.88	0.0	0.00	0.0	0.00	409.2	23.09	19
INDIANA	20	571.8	383.2	22.47	27.3	316.3	18.20	382.7	22.42	0.0	0.00	0.0	0.00	338.9	19.79	20
MICHIGAN	21	81.6	438.8	25.70	138.4	412.9	23.72	421.8	24.45	0.0	0.00	0.0	0.00	434.4	24.45	21
OHIO	22	1,144.2	360.8	20.77	591.7	379.4	21.86	368.0	21.21	0.0	0.00	0.0	0.00	343.5	19.19	22
WISCONSIN	23	692.9	393.6	22.90	183.9	338.7	19.77	382.1	22.24	0.0	0.00	0.0	0.00	0.0	0.00	23
..... TOTAL	25	5,017.3	379.8	21.97	1,352.9	379.8	21.94	377.5	21.88	0.0	0.00	0.0	0.00	400.1	22.59	25
WEST NORTH CENTRAL																
IOWA	28	5.9	296.3	17.22	160.2	404.2	23.45	400.4	23.23	0.0	0.00	0.0	0.00	0.0	0.00	28
KANSAS	29	110.5	360.6	20.88	100.4	380.9	21.22	370.1	21.04	0.0	0.00	0.0	0.00	0.0	0.00	29
MINNESOTA	30	243.4	364.5	21.32	126.1	297.9	17.32	341.9	19.96	0.0	0.00	0.0	0.00	0.0	0.00	30
MISSOURI	31	77.0	367.5	21.15	514.8	370.6	21.49	370.2	21.45	0.0	0.00	0.0	0.00	0.0	0.00	31
NEBRASKA	32	0.0	0.0	0.00	209.4	441.8	25.77	441.8	25.77	0.0	0.00	0.0	0.00	0.0	0.00	32
NORTH DAKOTA	33	0.0	0.0	0.00	12.8	356.9	20.98	356.9	20.98	0.0	0.00	0.0	0.00	0.0	0.00	33
SOUTH DAKOTA	34	0.0	0.0	0.00	50.5	378.2	21.44	378.2	21.44	0.0	0.00	0.0	0.00	0.0	0.00	34
..... TOTAL	36	436.8	363.1	21.13	1,174.1	381.2	22.04	376.3	21.79	0.0	0.00	0.0	0.00	0.0	0.00	36
SOUTH ATLANTIC																
DELAWARE	39	45.3	371.6	21.77	5.8	426.7	25.00	377.9	22.14	0.0	0.00	0.0	0.00	0.0	0.00	39
DISTRICT OF COLUMBIA	40	70.0	318.7	18.52	21.0	466.9	27.05	352.8	20.49	0.0	0.00	0.0	0.00	0.0	0.00	40
FLORIDA	41	3,126.6	394.4	23.09	406.8	539.0	31.46	430.2	24.85	0.0	0.00	0.0	0.00	0.0	0.00	41
GEORGIA	42	0.0	0.0	0.00	97.0	430.0	25.01	430.0	25.01	0.0	0.00	0.0	0.00	0.0	0.00	42
MARYLAND	43	269.9	383.8	22.28	270.2	492.9	28.75	441.7	25.72	0.0	0.00	0.0	0.00	316.0	17.80	43
NORTH CAROLINA	44	216.4	379.6	22.05	11.0	326.2	19.18	377.0	21.91	0.0	0.00	0.0	0.00	0.0	0.00	44
SOUTH CAROLINA	45	340.7	373.7	21.72	13.8	338.3	19.89	372.3	21.65	0.0	0.00	0.0	0.00	0.0	0.00	45
VIRGINIA	46	310.8	413.6	24.29	93.2	325.6	19.13	393.3	23.10	0.0	0.00	0.0	0.00	0.0	0.00	46
WEST VIRGINIA	47	1.0	536.6	30.49	1.0	713.2	40.53	0.0	0.00	0.0	0.00	0.0	0.00	624.9	35.51	47
..... TOTAL	49	4,380.7	391.4	22.88	919.8	484.5	28.28	419.1	24.30	0.0	0.00	0.0	0.00	354.9	20.02	49
EAST SOUTH CENTRAL																
ALABAMA	52	97.0	341.2	20.14	1.2	471.3	27.10	342.8	20.23	0.0	0.00	0.0	0.00	0.0	0.00	52
KENTUCKY	53	13.7	347.3	20.00	0.0	0.0	0.00	347.3	20.00	0.0	0.00	0.0	0.00	0.0	0.00	53
MISSISSIPPI	54	46.9	432.6	25.22	16.8	384.0	21.84	420.0	24.33	0.0	0.00	0.0	0.00	0.0	0.00	54
TENNESSEE	55	722.7	322.9	18.99	0.0	0.0	0.00	322.9	18.99	0.0	0.00	0.0	0.00	0.0	0.00	55
..... TOTAL	57	880.3	331.1	19.46	18.0	390.0	22.19	332.3	19.52	0.0	0.00	0.0	0.00	0.0	0.00	57
WEST SOUTH CENTRAL																
ARKANSAS	60	79.6	282.0	16.19	0.0	0.0	0.00	282.0	16.19	0.0	0.00	0.0	0.00	0.0	0.00	60
LOUISIANA	61	5.4	285.0	16.30	45.1	411.2	23.83	397.9	23.03	0.0	0.00	0.0	0.00	0.0	0.00	61
OKLAHOMA	62	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	62
TEXAS	63	0.0	0.0	0.00	39.8	199.2	11.67	199.2	11.67	0.0	0.00	0.0	0.00	0.0	0.00	63
..... TOTAL	65	84.9	282.2	16.20	85.0	311.2	18.13	296.8	17.16	0.0	0.00	0.0	0.00	0.0	0.00	65
MOUNTAIN																
ARIZONA	68	507.9	463.8	27.42	738.1	390.5	22.83	420.6	24.70	0.0	0.00	0.0	0.00	0.0	0.00	68
COLORADO	69	458.5	452.4	25.90	0.0	0.0	0.00	452.4	25.90	0.0	0.00	0.0	0.00	0.0	0.00	69
IDAHO	70	0.0	0.0	0.00	3.2	330.6	18.96	330.6	18.96	0.0	0.00	0.0	0.00	0.0	0.00	70
MONTANA	71	7.6	398.3	22.08	2.3	709.4	40.07	472.6	26.32	0.0	0.00	0.0	0.00	0.0	0.00	71
NEVADA	72	2.6	304.4	17.81	0.0	0.0	0.00	304.4	17.81	0.0	0.00	0.0	0.00	0.0	0.00	72
NEW MEXICO	73	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	73
UTAH	74	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	74
WYOMING	75	0.0	0.0	0.00	0.2	560.7	31.79	560.7	31.79	0.0	0.00	0.0	0.00	0.0	0.00	75
..... TOTAL	77	976.6	457.6	26.64	743.9	391.3	22.87	428.9	25.01	0.0	0.00	0.0	0.00	0.0	0.00	77
PACIFIC																
CALIFORNIA	80	3,116.0	375.4	20.25	69.6	369.2	21.39	383.5	21.04	0.0	0.00	0.0	0.00	355.3	18.51	80
OREGON	81	288.4	348.0	20.02	1,251.6	624.0	35.90	572.3	32.93	0.0	0.00	0.0	0.00	0.0	0.00	81
WASHINGTON	82	21.6	412.6	23.39	70.9	352.9	20.72	352.3	20.68	0.0	0.00	0.0	0.00	414.2	23.49	82
..... TOTAL	84	3,425.9	373.2	20.25	1,392.1	597.1	34.41	460.8	25.81	0.0	0.00	0.0	0.00	356.7	18.62	84
UNITED STATES TOTAL	86	21,005.1	388.8	22.33	6,436.0	442.3	25.63	405.1	23.39	0.0	0.00	0.0	0.00	389.1	21.47	86

TABLE 14

BASIC FUEL OIL STATISTICS DURING THE PAST TWELVE

	LINE	MONTHLY SUMMARIES OF OIL PURCHASES						LINE
NATIONAL DATA		JANUARY 79	FEBRUARY 79	MARCH 79	APRIL 79	MAY 79	JUNE 79	
QUANTITY PURCHASED, 1000 BBLS	1	4,651.5	3,738.9	2,481.8	1,681.6	1,733.9	1,597.4	1
TOTAL HEATING VAL,BILLION BTU	2	26,893.8	21,659.3	14,348.4	9,639.0	9,900.2	9,268.3	2
AVG. S CONTENT, % BY WEIGHT	3	0.3	0.2	0.3	0.2	0.2	0.3	3
AVG. PRICE, /MILLION BTU	4	303.2	320.4	344.8	365.2	371.1	404.7	4
TOTAL EST. OIL BILL, $1000	5	81,529.3	69,395.7	49,480.0	35,200.3	36,737.2	37,511.6	5
REGIONAL DATA								
NEW ENGLAND								
QUANTITY PURCHASED, 1000 BBLS	11	57.0	51.6	37.9	28.5	28.1	37.9	11
TOTAL HEATING VAL,BILLION BTU	12	326.9	298.0	221.1	165.8	161.6	215.9	12
AVG. S CONTENT, % BY WEIGHT	13	0.1	0.1	0.2	0.4	0.2	0.1	13
AVG. PRICE, /MILLION BTU	14	229.8	309.8	360.7	382.2	368.2	427.7	14
TOTAL EST. OIL BILL, $1000	15	751.2	923.1	797.5	633.9	594.9	923.4	15
MIDDLE ATLANTIC								
QUANTITY PURCHASED, 1000 BBLS	19	837.0	723.1	382.0	364.0	269.6	283.0	19
TOTAL HEATING VAL,BILLION BTU	20	4,825.9	4,178.9	2,195.6	2,124.7	1,562.3	1,635.2	20
AVG. S CONTENT, % BY WEIGHT	21	0.1	0.2	0.1	0.1	0.1	0.1	21
AVG. PRICE, /MILLION BTU	22	306.7	317.4	325.2	353.9	382.8	402.2	22
TOTAL EST. OIL BILL, $1000	23	14,802.8	13,265.4	7,139.7	7,520.2	5,981.1	6,577.4	23
EAST NORTH CENTRAL								
QUANTITY PURCHASED, 1000 BBLS	27	1,617.5	1,467.1	744.1	578.1	218.6	269.0	27
TOTAL HEATING VAL,BILLION BTU	28	9,315.4	8,467.2	4,296.9	3,345.7	1,265.5	1,568.7	28
AVG. S CONTENT, % BY WEIGHT	29	0.3	0.2	0.3	0.3	0.3	0.4	29
AVG. PRICE, /MILLION BTU	30	310.7	333.5	359.4	388.0	386.8	409.8	30
TOTAL EST. OIL BILL, $1000	31	28,947.2	28,239.4	15,443.5	12,980.9	4,894.9	6,428.4	31
WEST NORTH CENTRAL								
QUANTITY PURCHASED, 1000 BBLS	35	529.9	321.8	166.0	66.3	62.2	68.4	35
TOTAL HEATING VAL,BILLION BTU	36	3,066.3	1,864.4	962.7	381.0	360.7	396.8	36
AVG. S CONTENT, % BY WEIGHT	37	0.3	0.4	0.4	0.5	0.3	0.2	37
AVG. PRICE, /MILLION BTU	38	303.7	310.3	325.8	350.8	370.6	473.4	38
TOTAL EST. OIL BILL, $1000	39	9,312.2	5,785.2	3,136.2	1,336.8	1,336.8	1,878.3	39
SOUTH ATLANTIC								
QUANTITY PURCHASED, 1000 BBLS	43	544.2	450.1	573.5	226.8	578.3	602.1	43
TOTAL HEATING VAL,BILLION BTU	44	3,167.3	2,646.1	3,358.7	1,350.3	3,407.1	3,537.5	44
AVG. S CONTENT, % BY WEIGHT	45	0.2	0.3	0.2	0.3	0.3	0.3	45
AVG. PRICE, /MILLION BTU	46	294.4	301.1	364.5	367.7	380.8	408.5	46
TOTAL EST. OIL BILL, $1000	47	9,325.4	7,968.4	12,241.0	4,964.5	12,973.4	14,452.5	47
EAST SOUTH CENTRAL								
QUANTITY PURCHASED, 1000 BBLS	51	229.0	177.6	277.4	3.0	0.6	0.8	51
TOTAL HEATING VAL,BILLION BTU	52	1,345.5	1,039.7	1,633.7	17.5	3.6	4.7	52
AVG. S CONTENT, % BY WEIGHT	53	0.7	0.7	0.7	0.4	0.3	0.3	53
AVG. PRICE, /MILLION BTU	54	281.5	298.7	311.1	335.0	391.4	378.7	54
TOTAL EST. OIL BILL, $1000	55	3,787.5	3,105.4	5,082.2	58.7	14.0	18.0	55
WEST SOUTH CENTRAL								
QUANTITY PURCHASED, 1000 BBLS	59	35.4	25.7	1.6	3.3	11.6	52.3	59
TOTAL HEATING VAL,BILLION BTU	60	202.1	148.4	9.1	19.1	65.9	302.8	60
AVG. S CONTENT, % BY WEIGHT	61	0.8	0.8	0.2	0.1	0.1	0.2	61
AVG. PRICE, /MILLION BTU	62	269.4	268.4	259.0	248.6	287.9	372.1	62
TOTAL EST. OIL BILL, $1000	63	544.6	398.3	23.6	47.5	189.8	1,126.6	63
MOUNTAIN								
QUANTITY PURCHASED, 1000 BBLS	67	429.2	242.2	169.6	135.1	152.1	75.6	67
TOTAL HEATING VAL,BILLION BTU	68	2,502.8	1,404.3	991.0	790.2	892.2	444.3	68
AVG. S CONTENT, % BY WEIGHT	69	0.4	0.3	0.3	0.3	0.3	0.3	69
AVG. PRICE, /MILLION BTU	70	313.6	340.2	356.9	387.6	411.5	482.4	70
TOTAL EST. OIL BILL, $1000	71	7,849.7	4,777.7	3,536.6	3,062.7	3,671.1	2,143.2	71
PACIFIC								
QUANTITY PURCHASED, 1000 BBLS	75	372.3	279.7	129.7	276.3	412.7	208.3	75
TOTAL HEATING VAL,BILLION BTU	76	2,141.5	1,612.3	679.5	1,444.7	2,181.3	1,162.4	76
AVG. S CONTENT, % BY WEIGHT	77	0.2	0.2	0.1	0.1	0.1	0.1	77
AVG. PRICE, /MILLION BTU	78	289.9	306.0	306.0	318.1	324.6	341.0	78
TOTAL EST. OIL BILL, $1000	79	6,208.6	4,932.8	2,079.6	4,595.1	7,081.2	3,963.8	79

MONTHS FOR COMBUSTION TURBINE AND INTERNAL COMBUSTION UNITS,1979

LINE	MONTHLY SUMMARIES OF OIL PURCHASES							LINE	
	JULY 79	AUGUST 79	SEPTEMBER 79	OCTOBER 79	NOVEMBER 79	DECEMBER 79	TOTAL		NATIONAL DATA
1	2,297.2	2,418.3	1,901.5	924.8	1,661.5	2,352.8	27,441.1	1	QUANTITY PURCHASED, 1000 BBLS
2	13,211.3	13,941.4	10,874.1	5,302.7	9,505.1	13,368.5	157,912.2	2	TOTAL HEATING VAL,BILLION BTU
3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3	AVG. S CONTENT, % BY WEIGHT
4	440.2	457.9	486.8	495.7	528.8	543.0	401.4	4	AVG. PRICE, /MILLION BTU
5	58,156.3	63,841.9	52,929.9	26,286.4	50,266.5	72,586.5	633,921.6	5	TOTAL EST. OIL BILL, $1000
									REGIONAL DATA
									NEW ENGLAND
11	76.2	56.5	11.6	17.9	21.6	22.3	447.2	11	QUANTITY PURCHASED, 1000 BBLS
12	429.2	320.2	66.8	104.1	125.7	129.1	2,564.4	12	TOTAL HEATING VAL,BILLION BTU
13	0.0	0.1	0.3	0.4	0.4	0.4	0.2	13	AVG. S CONTENT, % BY WEIGHT
14	443.3	493.4	532.2	534.1	544.4	561.1	406.6	14	AVG. PRICE, /MILLION BTU
15	1,902.7	1,580.1	355.4	556.1	684.2	724.5	10,427.0	15	TOTAL EST. OIL BILL, $1000
									MIDDLE ATLANTIC
19	751.9	816.9	572.3	252.1	464.2	389.3	6,105.5	19	QUANTITY PURCHASED, 1000 BBLS
20	4,328.9	4,719.6	3,311.7	1,470.2	2,695.1	2,252.8	35,300.9	20	TOTAL HEATING VAL,BILLION BTU
21	0.1	0.1	0.1	0.1	0.2	0.1	0.1	21	AVG. S CONTENT, % BY WEIGHT
22	430.6	435.1	469.5	473.0	484.7	508.9	400.8	22	AVG. PRICE, /MILLION BTU
23	18,639.9	20,532.6	15,549.0	6,954.4	13,064.4	11,464.0	141,490.8	23	TOTAL EST. OIL BILL, $1000
									EAST NORTH CENTRAL
27	301.8	433.5	171.0	161.1	236.0	172.3	6,370.2	27	QUANTITY PURCHASED, 1000 BBLS
28	1,757.6	2,526.5	990.4	932.0	1,367.4	998.8	36,832.2	28	TOTAL HEATING VAL,BILLION BTU
29	0.4	0.5	0.3	0.3	0.3	0.4	0.3	29	AVG. S CONTENT, % BY WEIGHT
30	451.3	492.4	514.5	531.2	532.5	526.1	379.8	30	AVG. PRICE, /MILLION BTU
31	7,931.3	12,440.8	5,095.5	4,951.0	7,281.0	5,254.0	139,889.1	31	TOTAL EST. OIL BILL, $1000
									WEST NORTH CENTRAL
35	53.7	88.8	76.7	23.2	100.9	53.0	1,611.0	35	QUANTITY PURCHASED, 1000 BBLS
36	311.3	516.8	445.0	134.5	588.2	303.5	9,331.4	36	TOTAL HEATING VAL,BILLION BTU
37	0.3	0.3	0.1	0.1	0.2	0.2	0.3	37	AVG. S CONTENT, % BY WEIGHT
38	437.1	557.1	580.3	494.0	537.0	553.4	376.3	38	AVG. PRICE, /MILLION BTU
39	1,360.9	2,878.8	2,582.1	664.6	3,158.5	1,679.8	35,110.3	39	TOTAL EST. OIL BILL, $1000
									SOUTH ATLANTIC
43	631.1	500.9	557.4	128.6	240.3	267.1	5,300.5	43	QUANTITY PURCHASED, 1000 BBLS
44	3,656.1	2,919.8	3,221.8	760.2	1,379.3	1,572.3	30,976.6	44	TOTAL HEATING VAL,BILLION BTU
45	0.2	0.3	0.3	0.4	0.3	0.3	0.3	45	AVG. S CONTENT, % BY WEIGHT
46	422.6	451.5	505.2	464.3	597.2	486.2	407.6	46	AVG. PRICE, /MILLION BTU
47	15,451.3	13,182.1	16,275.9	3,529.5	8,237.2	7,644.4	126,245.5	47	TOTAL EST. OIL BILL, $1000
									EAST SOUTH CENTRAL
51	42.2	87.0	80.1	0.0	0.0	0.4	898.3	51	QUANTITY PURCHASED, 1000 BBLS
52	249.5	508.3	471.4	0.0	0.0	2.4	5,276.2	52	TOTAL HEATING VAL,BILLION BTU
53	0.7	0.5	0.7	0.0	0.0	0.3	0.7	53	AVG. S CONTENT, % BY WEIGHT
54	435.1	459.4	431.5	0.0	0.0	464.4	332.3	54	AVG. PRICE, /MILLION BTU
55	1,085.4	2,335.1	2,033.9	0.0	0.0	10.9	17,531.1	55	TOTAL EST. OIL BILL, $1000
									WEST SOUTH CENTRAL
59	1.7	10.8	0.8	6.5	7.8	12.5	169.9	59	QUANTITY PURCHASED, 1000 BBLS
60	10.1	63.4	4.4	38.4	46.0	72.8	982.5	60	TOTAL HEATING VAL,BILLION BTU
61	0.1	0.1	0.1	0.1	0.1	0.1	0.4	61	AVG. S CONTENT, % BY WEIGHT
62	328.8	269.8	404.0	275.1	209.0	222.2	296.8	62	AVG. PRICE, /MILLION BTU
63	33.1	171.1	17.8	105.6	96.2	161.8	2,916.1	63	TOTAL EST. OIL BILL, $1000
									MOUNTAIN
67	201.2	76.3	24.0	52.8	64.6	97.9	1,720.5	67	QUANTITY PURCHASED, 1000 BBLS
68	1,185.5	449.2	140.2	299.7	372.5	562.5	10,034.2	68	TOTAL HEATING VAL,BILLION BTU
69	0.3	0.3	0.3	0.2	0.2	0.1	0.3	69	AVG. S CONTENT, % BY WEIGHT
70	590.6	525.1	546.2	621.6	622.7	655.1	428.9	70	AVG. PRICE, /MILLION BTU
71	7,001.3	2,358.5	765.7	1,862.5	2,319.7	3,684.3	43,033.1	71	TOTAL EST. OIL BILL, $1000
									PACIFIC
75	237.3	347.5	407.7	282.6	526.0	1,338.1	4,818.0	75	QUANTITY PURCHASED, 1000 BBLS
76	1,283.1	1,917.6	2,222.5	1,563.7	2,931.0	7,474.4	26,613.8	76	TOTAL HEATING VAL,BILLION BTU
77	0.1	0.1	0.2	0.1	0.2	0.2	0.2	77	AVG. S CONTENT, % BY WEIGHT
78	370.2	436.1	461.4	490.0	526.3	561.4	440.7	78	AVG. PRICE, /MILLION BTU
79	4,750.3	8,362.8	10,254.7	7,662.7	15,425.3	41,962.6	117,279.5	79	TOTAL EST. OIL BILL, $1000

TABLE 15

GAS DELIVERIES FOR COMBUSTION TURBINE AND INTERNAL COMBUSTION UNITS, 1979

GEOGRAPHIC REGION AND STATE	LINE	NUMBER OF REPORTING		QUANTITY AND TYPE OF GAS RECEIVED IN THOUSANDS OF MCF					LINE
		COM-PANIES	PLANTS	NATURAL GAS	LNG 1/	SNG 2/	OTHER 3/	TOTAL	
NEW ENGLAND									
CONNECTICUT	2	0	0	0.0	0.0	0.0	0.0	0.0	2
MAINE	3	0	0	0.0	0.0	0.0	0.0	0.0	3
MASSACHUSETTS	4	1	1	193.9	0.0	0.0	0.0	193.9	4
NEW HAMPSHIRE	5	1	1	28.3	0.0	0.0	0.0	28.3	5
RHODE ISLAND	6	0	0	0.0	0.0	0.0	0.0	0.0	6
VERMONT	7	1	1	0.0 4/	0.0	0.0	0.0	0.0	7
..... TOTAL	9	3	3	222.2	0.0	0.0	0.0	222.2	9
MIDDLE ATLANTIC									
NEW JERSEY	12	3	8	4,424.9	0.0	0.0	0.0	4,424.9	12
NEW YORK	13	2	3	3,028.5	0.0	0.0	0.0	3,028.5	13
PENNSYLVANIA	14	1	2	369.0	0.0	0.0	0.0	369.0	14
..... TOTAL	16	6	13	7,822.4	0.0	0.0	0.0	7,822.4	16
EAST NORTH CENTRAL									
ILLINOIS	19	4	9	3,975.7	0.0	0.0	0.0	3,975.7	19
INDIANA	20	1	1	215.5	0.0	0.0	0.0	215.5	20
MICHIGAN	21	3	8	8,995.9	0.0	0.0	0.0	8,995.9	21
OHIO	22	4	5	1,133.5	0.0	0.0	0.0	1,133.5	22
WISCONSIN	23	5	9	5,652.2	0.0	0.0	0.0	5,652.2	23
..... TOTAL	25	17	32	19,972.8	0.0	0.0	0.0	19,972.8	25
WEST NORTH CENTRAL									
IOWA	28	3	3	344.3	0.0	0.0	0.0	344.3	28
KANSAS	29	4	6	3,965.9	0.0	0.0	0.0	3,965.9	29
MINNESOTA	30	1	2	53.7	0.0	0.0	0.0	53.7	30
MISSOURI	31	4	4	859.9	0.0	0.0	0.0	859.9	31
NEBRASKA	32	2	2	68.5	0.0	0.0	0.0	68.5	32
NORTH DAKOTA	33	0	0	0.0	0.0	0.0	0.0	0.0	33
SOUTH DAKOTA	34	0	0	0.0	0.0	0.0	0.0	0.0	34
..... TOTAL	36	14	17	5,292.4	0.0	0.0	0.0	5,292.4	36
SOUTH ATLANTIC									
DELAWARE	39	0	0	0.0	0.0	0.0	0.0	0.0	39
DISTRICT OF COLUMBIA	40	0	0	0.0	0.0	0.0	0.0	0.0	40
FLORIDA	41	6	9	9,570.7	0.0	0.0	0.0	9,570.7	41
GEORGIA	42	0	0	0.0	0.0	0.0	0.0	0.0	42
MARYLAND	43	2	4	9,202.6	0.0	0.0	0.0	9,202.6	43
NORTH CAROLINA	44	2	4	4.6	0.0	0.0	0.0	4.6	44
SOUTH CAROLINA	45	3	8	892.4	0.0	0.0	0.0	892.4	45
VIRGINIA	46	1	2	1,749.0	0.0	0.0	0.0	1,749.0	46
WEST VIRGINIA	47	0	0	0.0	0.0	0.0	0.0	0.0	47
..... TOTAL	49	14	27	21,419.4	0.0	0.0	0.0	21,419.4	49
EAST SOUTH CENTRAL									
ALABAMA	52	0	0	0.0	0.0	0.0	0.0	0.0	52
KENTUCKY	53	2	4	94.4	0.0	0.0	0.0	94.4	53
MISSISSIPPI	54	2	2	3,623.0	0.0	0.0	0.0	3,623.0	54
TENNESSEE	55	0	0	0.0	0.0	0.0	0.0	0.0	55
..... TOTAL	57	4	6	3,717.4	0.0	0.0	0.0	3,717.4	57
WEST SOUTH CENTRAL									
ARKANSAS	60	1	2	17.1	0.0	0.0	0.0	17.1	60
LOUISIANA	61	2	3	2,649.6	0.0	0.0	0.0	2,649.6	61
OKLAHOMA	62	1	5	3,288.2	0.0	0.0	0.0	3,288.2	62
TEXAS	63	7	15	42,540.1	0.0	0.0	0.0	42,540.1	63
..... TOTAL	65	11	25	48,495.0	0.0	0.0	0.0	48,495.0	65
MOUNTAIN									
ARIZONA	68	4	10	8,850.7	0.0	0.0	0.0	8,850.7	68
COLORADO	69	1	4	6,968.8	0.0	0.0	0.0	6,968.8	69
IDAHO	70	1	1	491.1	0.0	0.0	0.0	491.1	70
MONTANA	71	0	0	0.0	0.0	0.0	0.0	0.0	71
NEVADA	72	0	0	0.0	0.0	0.0	0.0	0.0	72
NEW MEXICO	73	1	1	298.0	0.0	0.0	0.0	298.0	73
UTAH	74	0	0	0.0	0.0	0.0	0.0	0.0	74
WYOMING	75	0	0	0.0	0.0	0.0	0.0	0.0	75
..... TOTAL	77	7	16	16,608.6	0.0	0.0	0.0	16,608.6	77
PACIFIC									
CALIFORNIA	80	4	7	3,956.5	0.0	0.0	0.0	3,956.5	80
OREGON	81	1	2	2,481.2	0.0	0.0	0.0	2,481.2	81
WASHINGTON	82	1	1	184.9	0.0	0.0	0.0	184.9	82
..... TOTAL	84	6	10	6,622.6	0.0	0.0	0.0	6,622.6	84
UNITED STATES TOTAL	86	82	149	130,172.7	0.0	0.0	0.0	130,172.7	86

1/ LIQUEFIED NATURAL GAS
2/ SYNTHETIC NATURAL GAS
3/ INCLUDES SMALL QUANTITIES OF COKE OVEN GAS, REFINERY GAS AND BLAST FURNACE GAS
4/ COMPUTER ROUNDING CAUSES QUANTITIES UNDER 50 MCF TO SHOW UP AS 0.0

TABLE 16

AVERAGE DELIVERED PRICES OF GAS FOR COMBUSTION TURBINE AND INTERNAL COMBUSTION UNITS, 1979

GEOGRAPHIC REGION AND STATE	LINE	QUANTITY AND PRICE BY TYPE OF PURCHASE												LINE
		INTERRUPTIBLE GAS			FIRM GAS			OFF PEAK GAS			TOTAL GAS PURCHASES			
		QUANTITY 1000 MCF	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER MCF	QUANTITY 1000 MCF	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER MCF	QUANTITY 1000 MCF	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER MCF	QUANTITY 1000 MCF	AVG. PRICE ¢ PER 10^6 BTU	AVG. PRICE $ PER MCF	
NEW ENGLAND														
CONNECTICUT	2	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	2
MAINE	3	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	3
MASSACHUSETTS	4	193.9	168.5	1.76	0.0	0.0	0.00	0.0	0.0	0.00	193.9	168.5	1.76	4
NEW HAMPSHIRE	5	28.3	295.4	2.95	0.0	0.0	0.00	0.0	0.0	0.00	28.3	295.4	2.95	5
RHODE ISLAND	6	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	6
VERMONT	7	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	7
..... TOTAL	9	222.2	184.1	1.92	0.0	0.0	0.00	0.0	0.0	0.00	222.2	184.1	1.92	9
MIDDLE ATLANTIC														
NEW JERSEY	12	4,424.9	257.0	2.65	0.0	0.0	0.00	0.0	0.0	0.00	4,424.9	257.0	2.65	12
NEW YORK	13	2,616.5	223.2	2.30	0.0	0.0	0.00	412.0	301.0	3.10	3,028.5	233.8	2.41	13
PENNSYLVANIA	14	369.0	320.0	3.22	0.0	0.0	0.00	0.0	0.0	0.00	369.0	320.0	3.22	14
..... TOTAL	16	7,410.4	248.1	2.55	0.0	0.0	0.00	412.0	301.0	3.10	7,822.4	250.9	2.58	16
EAST NORTH CENTRAL														
ILLINOIS	19	1,641.0	203.4	2.10	2,334.6	247.1	2.52	0.0	0.0	0.00	3,975.7	228.9	2.34	19
INDIANA	20	215.5	149.0	1.50	0.0	0.0	0.00	0.0	0.0	0.00	215.5	149.0	1.50	20
MICHIGAN	21	1,300.9	217.5	2.18	7,695.0	244.7	2.46	0.0	0.0	0.00	8,995.9	240.8	2.41	21
OHIO	22	894.2	239.6	2.44	56.4	225.4	2.32	182.9	182.1	1.82	1,133.5	229.8	2.34	22
WISCONSIN	23	5,617.5	228.0	2.30	34.6	278.4	2.82	0.0	0.0	0.00	5,652.2	228.4	2.30	23
..... TOTAL	25	9,669.2	221.7	2.24	10,120.7	245.3	2.47	182.9	182.1	1.82	19,972.8	233.3	2.35	25
WEST NORTH CENTRAL														
IOWA	28	332.4	192.8	1.92	11.9	171.6	1.72	0.0	0.0	0.00	344.3	192.1	1.92	28
KANSAS	29	3,965.9	139.2	1.39	0.0	0.0	0.00	0.0	0.0	0.00	3,965.9	139.2	1.39	29
MINNESOTA	30	53.7	184.7	1.81	0.0	0.0	0.00	0.0	0.0	0.00	53.7	184.7	1.81	30
MISSOURI	31	859.9	163.2	1.61	0.0	0.0	0.00	0.0	0.0	0.00	859.9	163.2	1.61	31
NEBRASKA	32	68.5	174.6	1.71	0.0	0.0	0.00	0.0	0.0	0.00	68.5	174.6	1.71	32
NORTH DAKOTA	33	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	33
SOUTH DAKOTA	34	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	34
..... TOTAL	36	5,280.5	147.4	1.46	11.9	171.6	1.72	0.0	0.0	0.00	5,292.4	147.4	1.47	36
SOUTH ATLANTIC														
DELAWARE	39	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	39
DISTRICT OF COLUMBIA	40	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	40
FLORIDA	41	2,325.7	160.8	1.65	7,245.0	101.6	1.02	0.0	0.0	0.00	9,570.7	116.3	1.17	41
GEORGIA	42	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	42
MARYLAND	43	8,890.6	173.3	1.87	90.2	222.2	2.29	221.8	276.7	2.86	9,202.6	176.2	1.89	43
NORTH CAROLINA	44	4.6	295.4	3.04	0.0	0.0	0.00	0.0	0.0	0.00	4.6	295.4	3.04	44
SOUTH CAROLINA	45	850.3	235.8	2.52	42.1	188.7	2.05	0.0	0.0	0.00	892.4	233.5	2.50	45
VIRGINIA	46	1,749.0	200.7	2.05	0.0	0.0	0.00	0.0	0.0	0.00	1,749.0	200.7	2.05	46
WEST VIRGINIA	47	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	47
..... TOTAL	49	13,820.3	178.5	1.90	7,377.3	103.6	1.04	221.8	276.7	2.86	21,419.4	154.7	1.61	49
EAST SOUTH CENTRAL														
ALABAMA	52	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	52
KENTUCKY	53	15.8	231.1	2.31	9.8	153.1	1.57	68.8	153.0	1.57	94.4	165.8	1.69	53
MISSISSIPPI	54	369.0	66.5	0.68	3,254.0	49.3	0.51	0.0	0.0	0.00	3,623.0	51.1	0.52	54
TENNESSEE	55	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	55
..... TOTAL	57	384.8	73.1	0.74	3,263.8	49.6	0.51	68.8	153.0	1.57	3,717.4	54.0	0.55	57
WEST SOUTH CENTRAL														
ARKANSAS	60	17.1	189.5	1.93	0.0	0.0	0.00	0.0	0.0	0.00	17.1	189.5	1.93	60
LOUISIANA	61	2.6	215.8	2.20	2,647.0	148.5	1.56	0.0	0.0	0.00	2,649.6	148.6	1.56	61
OKLAHOMA	62	34.0	182.9	1.90	3,254.2	148.8	1.54	0.0	0.0	0.00	3,288.2	149.1	1.55	62
TEXAS	63	2,659.2	201.2	2.12	39,880.8	105.5	1.09	0.0	0.0	0.00	42,540.1	111.5	1.16	63
..... TOTAL	65	2,712.9	200.9	2.11	45,782.1	111.1	1.15	0.0	0.0	0.00	48,495.0	116.1	1.21	65
MOUNTAIN														
ARIZONA	68	7,758.3	198.3	2.10	1,092.4	223.1	2.36	0.0	0.0	0.00	8,850.7	201.4	2.13	68
COLORADO	69	6,968.8	173.1	1.77	0.0	0.0	0.00	0.0	0.0	0.00	6,968.8	173.1	1.77	69
IDAHO	70	491.1	280.4	2.92	0.0	0.0	0.00	0.0	0.0	0.00	491.1	280.4	2.92	70
MONTANA	71	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	71
NEVADA	72	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	72
NEW MEXICO	73	298.0	207.9	2.15	0.0	0.0	0.00	0.0	0.0	0.00	298.0	207.9	2.15	73
UTAH	74	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	74
WYOMING	75	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	0.0	0.0	0.00	75
..... TOTAL	77	15,516.2	189.9	1.98	1,092.4	223.1	2.36	0.0	0.0	0.00	16,608.6	192.2	2.00	77
PACIFIC														
CALIFORNIA	80	3,956.5	266.1	2.80	0.0	0.0	0.00	0.0	0.0	0.00	3,956.5	266.1	2.80	80
OREGON	81	2,481.2	339.9	3.56	0.0	0.0	0.00	0.0	0.0	0.00	2,481.2	339.9	3.56	81
WASHINGTON	82	47.4	299.0	3.08	137.5	252.4	2.60	0.0	0.0	0.00	184.9	264.4	2.72	82
..... TOTAL	84	6,485.1	294.5	3.09	137.5	252.4	2.60	0.0	0.0	0.00	6,622.6	293.6	3.08	84
UNITED STATES TOTAL	86	61,501.6	206.6	2.14	67,785.7	129.1	1.33	885.5	259.4	2.66	130,172.7	166.7	1.72	86

TABLE 17

BASIC GAS STATISTICS DURING THE PAST TWELVE

	LINE	MONTHLY SUMMARIES OF GAS PURCHASES						LINE
		JANUARY 79	FEBRUARY 79	MARCH 79	APRIL 79	MAY 79	JUNE 79	
NATIONAL DATA								
QNTY PURCHASED: FIRM 1000 MCF	1	5,967.1	6,245.5	3,845.7	3,964.9	4,248.0	5,267.1	1
INTERRUPTIBLE 1000 MCF	2	1,376.4	2,460.3	3,997.4	3,510.8	3,222.9	5,376.0	2
TOTAL 1000 MCF	3	7,343.5	8,705.8	7,843.1	7,475.6	7,470.9	10,643.1	3
TOTAL HEATING VAL,BILLION BTU	4	7,544.6	8,934.1	8,063.9	7,640.8	7,705.6	11,032.2	4
AVG. PRICE /MILLION BTU	5	143.3	155.0	152.8	154.4	148.2	148.6	5
TOTAL EST. GAS BILL, $1000	6	10,815.0	13,850.5	12,319.8	11,800.9	11,421.3	16,398.5	6
REGIONAL DATA								
NEW ENGLAND								
QNTY PURCHASED: FIRM 1000 MCF	12	0.0	0.0	0.0	0.0	0.0	0.0	12
INTERRUPTIBLE 1000 MCF	13	0.0	0.0	0.0	0.0	0.0	6.2	13
TOTAL 1000 MCF	14	0.0	0.0	0.0	0.0	0.0	6.2	14
TOTAL HEATING VAL,BILLION BTU	15	0.0	0.0	0.0	0.0	0.0	6.2	15
AVG. PRICE /MILLION BTU	16	0.0	0.0	0.0	0.0	0.0	249.9	16
TOTAL EST. GAS BILL, $1000	17	0.0	0.0	0.0	0.0	0.0	15.5	17
MIDDLE ATLANTIC								
QNTY PURCHASED: FIRM 1000 MCF	21	0.0	0.0	0.0	0.0	0.0	0.0	21
INTERRUPTIBLE 1000 MCF	22	5.2	113.7	265.4	255.2	396.3	505.4	22
TOTAL 1000 MCF	23	5.2	113.7	265.4	255.2	396.3	505.4	23
TOTAL HEATING VAL,BILLION BTU	24	5.4	117.1	273.4	262.9	408.4	521.0	24
AVG. PRICE /MILLION BTU	25	172.4	191.5	199.2	223.8	216.7	213.8	25
TOTAL EST. GAS BILL, $1000	26	9.2	224.3	544.4	588.3	885.2	1,113.7	26
EAST NORTH CENTRAL								
QNTY PURCHASED: FIRM 1000 MCF	30	1,392.8	1,910.3	514.8	535.1	557.9	545.1	30
INTERRUPTIBLE 1000 MCF	31	678.0	904.5	1,099.8	811.2	463.6	427.3	31
TOTAL 1000 MCF	32	2,070.9	2,814.8	1,614.6	1,346.2	1,021.5	972.4	32
TOTAL HEATING VAL,BILLION BTU	33	2,090.4	2,837.6	1,631.5	1,358.1	1,029.0	978.4	33
AVG. PRICE /MILLION BTU	34	220.4	231.7	215.1	220.9	230.7	234.1	34
TOTAL EST. GAS BILL, $1000	35	4,607.5	6,574.2	3,508.7	2,999.6	2,373.8	2,290.1	35
WEST NORTH CENTRAL								
QNTY PURCHASED: FIRM 1000 MCF	39	0.0	0.0	0.0	0.0	0.0	0.0	39
INTERRUPTIBLE 1000 MCF	40	15.6	40.5	116.5	269.9	367.1	548.5	40
TOTAL 1000 MCF	41	15.6	40.5	116.5	269.9	367.1	548.5	41
TOTAL HEATING VAL,BILLION BTU	42	15.7	41.4	115.5	271.1	365.8	545.4	42
AVG. PRICE /MILLION BTU	43	134.6	168.7	155.8	133.0	142.4	144.7	43
TOTAL EST. GAS BILL, $1000	44	21.1	69.9	180.0	360.5	521.0	789.4	44
SOUTH ATLANTIC								
QNTY PURCHASED: FIRM 1000 MCF	48	258.0	119.0	499.0	1,370.0	564.0	69.9	48
INTERRUPTIBLE 1000 MCF	49	155.6	169.3	142.9	270.2	778.6	1,575.0	49
TOTAL 1000 MCF	50	413.6	288.3	641.9	1,640.2	1,342.6	1,644.9	50
TOTAL HEATING VAL,BILLION BTU	51	419.1	293.4	647.7	1,647.7	1,389.2	1,744.2	51
AVG. PRICE /MILLION BTU	52	102.1	113.9	99.4	91.7	131.1	160.5	52
TOTAL EST. GAS BILL, $1000	53	427.9	334.3	644.0	1,510.2	1,821.7	2,799.0	53
EAST SOUTH CENTRAL								
QNTY PURCHASED: FIRM 1000 MCF	57	346.0	287.9	0.0	304.0	310.0	301.4	57
INTERRUPTIBLE 1000 MCF	58	0.0	0.0	329.0	0.1	0.6	2.2	58
TOTAL 1000 MCF	59	346.0	287.9	329.0	304.1	310.6	303.6	59
TOTAL HEATING VAL,BILLION BTU	60	352.6	294.2	335.9	313.8	321.1	310.2	60
AVG. PRICE /MILLION BTU	61	42.9	41.4	45.5	48.6	51.8	50.2	61
TOTAL EST. GAS BILL, $1000	62	151.3	121.8	152.8	152.4	166.3	155.6	62
WEST SOUTH CENTRAL								
QNTY PURCHASED: FIRM 1000 MCF	66	3,934.2	3,827.3	2,651.9	1,654.8	2,789.1	4,197.7	66
INTERRUPTIBLE 1000 MCF	67	72.8	20.4	248.7	334.4	277.3	214.3	67
TOTAL 1000 MCF	68	4,007.0	3,847.8	2,900.6	1,989.2	3,066.3	4,412.0	68
TOTAL HEATING VAL,BILLION BTU	69	4,153.6	3,993.5	2,998.2	2,041.1	3,177.6	4,569.9	69
AVG. PRICE /MILLION BTU	70	113.0	106.6	105.0	124.9	115.3	103.1	70
TOTAL EST. GAS BILL, $1000	71	4,691.6	4,257.9	3,148.7	2,548.7	3,663.1	4,713.4	71
MOUNTAIN								
QNTY PURCHASED: FIRM 1000 MCF	75	36.1	101.0	180.0	101.0	27.0	153.0	75
INTERRUPTIBLE 1000 MCF	76	346.0	1,022.7	1,582.8	1,361.4	674.1	1,684.6	76
TOTAL 1000 MCF	77	382.1	1,123.7	1,762.8	1,462.4	701.1	1,837.6	77
TOTAL HEATING VAL,BILLION BTU	78	400.0	1,158.7	1,839.2	1,527.7	735.8	1,924.7	78
AVG. PRICE /MILLION BTU	79	159.2	153.3	194.9	203.0	176.1	177.9	79
TOTAL EST. GAS BILL, $1000	80	636.7	1,776.2	3,584.8	3,100.6	1,295.8	3,424.3	80
PACIFIC								
QNTY PURCHASED: FIRM 1000 MCF	84	0.0	0.0	0.0	0.0	0.0	0.0	84
INTERRUPTIBLE 1000 MCF	85	103.2	189.1	212.3	208.4	265.3	412.6	85
TOTAL 1000 MCF	86	103.2	189.1	212.3	208.4	265.3	412.6	86
TOTAL HEATING VAL,BILLION BTU	87	107.8	198.0	222.5	218.3	278.6	432.1	87
AVG. PRICE /MILLION BTU	88	250.0	248.3	249.9	247.6	249.2	254.0	88
TOTAL EST. GAS BILL, $1000	89	269.6	491.8	556.2	540.5	694.3	1,097.4	89

NOTE: OFF PEAK IS OMITTED FROM THIS TABLE

MONTHS FOR COMBUSTION TURBINE AND INTERNAL COMBUSTION UNITS,1979

MONTHLY SUMMARIES OF GAS PURCHASES

LINE	JULY 79	AUGUST 79	SEPTEMBER 79	OCTOBER 79	NOVEMBER 79	DECEMBER 79	TOTAL	LINE	
									NATIONAL DATA
1	7,305.0	8,233.8	6,420.1	5,143.3	5,096.1	6,049.2	67,785.7	1	QNTY PURCHASED: FIRM 1000 MCF
2	8,445.8	8,749.7	6,602.7	6,713.0	6,175.3	4,871.3	61,501.6	2	INTERRUPTIBLE 1000 MCF
3	15,750.8	16,983.5	13,022.8	11,856.3	11,271.4	10,920.5	129,287.3	3	TOTAL 1000 MCF
4	16,349.7	17,686.7	13,490.6	12,203.1	11,569.3	11,244.6	133,465.2	4	TOTAL HEATING VAL,BILLION BTU
5	156.7	158.7	168.6	183.0	200.2	206.0	166.1	5	AVG. PRICE /MILLION BTU
6	25,622.6	28,074.6	22,743.0	22,334.9	23,157.7	23,163.5	221,702.1	6	TOTAL EST. GAS BILL, $1000
									REGIONAL DATA
									NEW ENGLAND
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12	QNTY PURCHASED: FIRM 1000 MCF
13	9.3	202.1	4.6	0.0	0.0	0.0	222.2	13	INTERRUPTIBLE 1000 MCF
14	9.3	202.1	4.6	0.0	0.0	0.0	222.2	14	TOTAL 1000 MCF
15	9.3	211.2	4.6	0.0	0.0	0.0	231.3	15	TOTAL HEATING VAL,BILLION BTU
16	308.2	174.0	308.0	0.0	0.0	0.0	184.1	16	AVG. PRICE /MILLION BTU
17	28.7	367.4	14.2	0.0	0.0	0.0	425.7	17	TOTAL EST. GAS BILL, $1000
									MIDDLE ATLANTIC
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21	QNTY PURCHASED: FIRM 1000 MCF
22	1,012.5	1,601.3	723.1	1,266.1	866.0	400.2	7,410.4	22	INTERRUPTIBLE 1000 MCF
23	1,012.5	1,601.3	723.1	1,266.1	866.0	400.2	7,410.4	23	TOTAL 1000 MCF
24	1,042.4	1,648.2	743.8	1,304.0	888.9	411.9	7,627.5	24	TOTAL HEATING VAL,BILLION BTU
25	224.9	245.3	266.4	271.8	258.7	327.2	248.1	25	AVG. PRICE /MILLION BTU
26	2,344.4	4,042.7	1,981.6	3,544.3	2,299.5	1,347.7	18,925.4	26	TOTAL EST. GAS BILL, $1000
									EAST NORTH CENTRAL
30	606.0	652.5	617.5	871.0	1,053.1	864.6	10,120.7	30	QNTY PURCHASED: FIRM 1000 MCF
31	690.5	688.3	574.4	1,097.7	1,235.5	998.5	9,669.2	31	INTERRUPTIBLE 1000 MCF
32	1,296.5	1,340.8	1,191.9	1,968.6	2,288.6	1,863.1	19,789.9	32	TOTAL 1000 MCF
33	1,304.7	1,355.3	1,203.9	1,980.3	2,314.7	1,883.7	19,967.7	33	TOTAL HEATING VAL,BILLION BTU
34	234.4	204.5	245.7	245.7	256.8	250.6	233.7	34	AVG. PRICE /MILLION BTU
35	3,057.9	2,772.0	2,958.3	4,865.8	5,944.0	4,720.8	46,672.8	35	TOTAL EST. GAS BILL, $1000
									WEST NORTH CENTRAL
39	0.0	0.0	1.1	3.9	6.9	0.0	11.9	39	QNTY PURCHASED: FIRM 1000 MCF
40	742.4	952.8	911.4	458.8	554.3	302.6	5,280.5	40	INTERRUPTIBLE 1000 MCF
41	742.4	952.8	912.5	462.7	561.2	302.6	5,292.4	41	TOTAL 1000 MCF
42	738.0	944.6	906.3	459.0	555.6	301.0	5,259.5	42	TOTAL HEATING VAL,BILLION BTU
43	145.5	145.8	147.0	150.5	156.7	155.2	147.4	43	AVG. PRICE /MILLION BTU
44	1,073.9	1,377.7	1,332.2	690.6	870.9	467.2	7,754.6	44	TOTAL EST. GAS BILL, $1000
									SOUTH ATLANTIC
48	1,501.8	1,672.1	834.6	194.0	120.0	175.0	7,377.3	48	QNTY PURCHASED: FIRM 1000 MCF
49	2,779.4	2,862.1	1,743.1	1,782.8	1,188.6	372.7	13,820.3	49	INTERRUPTIBLE 1000 MCF
50	4,281.2	4,534.1	2,577.7	1,976.8	1,308.6	547.7	21,197.6	50	TOTAL 1000 MCF
51	4,498.3	4,748.1	2,713.6	2,047.3	1,347.8	559.8	22,056.3	51	TOTAL HEATING VAL,BILLION BTU
52	146.2	142.3	180.2	202.1	203.0	217.0	153.5	52	AVG. PRICE /MILLION BTU
53	6,577.7	6,756.8	4,888.6	4,137.0	2,735.8	1,214.6	33,847.6	53	TOTAL EST. GAS BILL, $1000
									EAST SOUTH CENTRAL
57	320.7	305.3	213.7	261.7	273.0	340.1	3,263.8	57	QNTY PURCHASED: FIRM 1000 MCF
58	41.4	4.9	4.0	0.3	2.3	0.0	384.8	58	INTERRUPTIBLE 1000 MCF
59	362.1	310.2	217.7	262.0	275.3	340.1	3,648.6	59	TOTAL 1000 MCF
60	368.9	317.5	224.1	267.2	281.1	348.9	3,735.6	60	TOTAL HEATING VAL,BILLION BTU
61	75.0	53.5	55.0	58.3	53.8	48.4	52.1	61	AVG. PRICE /MILLION BTU
62	276.6	170.0	123.2	155.9	151.2	168.9	1,946.0	62	TOTAL EST. GAS BILL, $1000
									WEST SOUTH CENTRAL
66	4,815.5	5,490.9	4,640.8	3,745.6	3,575.7	4,458.6	45,782.1	66	QNTY PURCHASED: FIRM 1000 MCF
67	216.4	206.7	263.9	267.3	323.0	267.7	2,712.9	67	INTERRUPTIBLE 1000 MCF
68	5,031.9	5,697.6	4,904.7	4,012.9	3,898.6	4,726.3	48,495.0	68	TOTAL 1000 MCF
69	5,234.8	5,999.3	5,092.2	4,163.9	4,021.9	4,870.6	50,316.5	69	TOTAL HEATING VAL,BILLION BTU
70	104.3	119.1	124.4	106.0	137.9	133.9	116.1	70	AVG. PRICE /MILLION BTU
71	5,458.2	7,147.1	6,332.3	4,412.5	5,546.4	6,522.3	58,442.3	71	TOTAL EST. GAS BILL, $1000
									MOUNTAIN
75	55.0	77.0	91.0	29.0	31.4	210.9	1,092.4	75	QNTY PURCHASED: FIRM 1000 MCF
76	2,588.7	1,786.4	1,956.2	1,180.1	854.7	478.5	15,516.2	76	INTERRUPTIBLE 1000 MCF
77	2,643.7	1,863.4	2,047.2	1,209.1	886.1	689.4	16,608.6	77	TOTAL 1000 MCF
78	2,764.2	1,958.9	2,139.1	1,250.2	914.9	709.7	17,323.2	78	TOTAL HEATING VAL,BILLION BTU
79	208.7	209.7	181.6	193.4	191.8	216.4	192.2	79	AVG. PRICE /MILLION BTU
80	5,768.1	4,107.7	3,884.1	2,418.2	1,755.0	1,535.8	33,287.4	80	TOTAL EST. GAS BILL, $1000
									PACIFIC
84	6.0	36.0	21.4	38.1	36.0	0.0	137.5	84	QNTY PURCHASED: FIRM 1000 MCF
85	365.2	445.2	422.0	660.0	1,150.9	2,051.1	6,485.1	85	INTERRUPTIBLE 1000 MCF
86	371.2	481.2	443.4	698.1	1,186.9	2,051.1	6,622.6	86	TOTAL 1000 MCF
87	389.1	503.6	462.9	731.2	1,244.4	2,158.9	6,947.6	87	TOTAL HEATING VAL,BILLION BTU
88	266.5	264.7	265.4	288.6	309.8	332.9	293.6	88	AVG. PRICE /MILLION BTU
89	1,037.0	1,333.2	1,228.4	2,110.6	3,854.9	7,186.3	20,400.2	89	TOTAL EST. GAS BILL, $1000

TABLE 18

PRIMARY ENERGY PURCHASE DATA DURING THE PAST TWELVE MONTHS FOR STEAM-ELECTRIC PLANTS, 1979

GEOGRAPHIC REGION AND STATE	LINE	TOTAL BTU (BILLIONS)				% OF TOTAL BTU			AVG. PRICE, ¢ PER 10^6 BTU			LINE
		COAL	OIL	GAS	TOTAL	COAL	OIL	GAS	COAL	OIL	GAS	
NEW ENGLAND												
CONNECTICUT	2	0.0	113,036.4	0.0	113,036.4	0.0	100.0	0.0	0.0	332.2	0.0	2
MAINE	3	0.0	15,747.5	0.0	15,747.5	0.0	100.0	0.0	0.0	286.1	0.0	3
MASSACHUSETTS	4	54.0	294,133.4	6,444.7	300,632.2	0.0	97.8	2.1	232.5	279.4	272.4	4
NEW HAMPSHIRE	5	28,207.2	29,098.6	0.0	57,305.7	49.2	50.8	0.0	152.5	269.7	0.0	5
RHODE ISLAND	6	0.0	6,954.8	1,398.8	8,353.6	0.0	83.3	16.7	0.0	318.7	247.0	6
VERMONT	7	335.2	107.5	534.2	976.9	34.3	11.0	54.7	177.2	571.3	262.6	7
..... TOTAL	9	28,596.4	459,078.2	8,377.7	496,052.3	5.8	92.5	1.7	152.9	292.7	267.6	9
MIDDLE ATLANTIC												
NEW JERSEY	12	59,556.6	112,771.4	27,458.1	199,786.1	29.8	56.4	13.7	167.1	337.2	255.9	12
NEW YORK	13	152,741.8	394,008.6	72,267.9	619,018.4	24.7	63.7	11.7	136.4	296.0	228.4	13
PENNSYLVANIA	14	988,319.6	130,281.6	176.3	1,118,777.5	88.3	11.6	0.0	120.1	329.1	256.9	14
..... TOTAL	16	1,200,618.0	637,061.6	99,902.3	1,937,581.9	62.0	32.9	5.2	124.5	310.1	236.0	16
EAST NORTH CENTRAL												
ILLINOIS	19	751,514.2	84,954.9	24,465.9	860,935.0	87.3	9.9	2.8	145.3	385.6	275.1	19
INDIANA	20	799,306.1	5,703.0	2,212.2	807,221.3	99.0	0.7	0.3	116.5	388.8	226.0	20
MICHIGAN	21	573,197.2	88,760.0	16,050.2	678,007.4	84.5	13.1	2.4	146.3	321.3	232.6	21
OHIO	22	1,187,102.7	16,718.8	1,405.0	1,205,226.5	98.5	1.4	0.1	132.8	330.6	177.3	22
WISCONSIN	23	276,586.1	4,142.4	13,945.3	294,673.7	93.9	1.4	4.7	126.9	302.9	224.1	23
..... TOTAL	25	3,587,706.2	200,279.2	58,078.6	3,846,064.0	93.3	5.2	1.5	133.5	350.9	246.9	25
WEST NORTH CENTRAL												
IOWA	28	223,819.6	9,036.4	7,835.4	240,691.4	93.0	3.8	3.3	122.2	364.4	199.9	28
KANSAS	29	168,519.1	15,052.2	96,586.3	280,157.7	60.2	5.4	34.5	99.4	227.2	144.2	29
MINNESOTA	30	228,699.9	5,699.5	5,061.1	239,460.5	95.5	2.4	2.1	101.1	264.2	172.4	30
MISSOURI	31	489,204.0	9,410.9	18,411.1	517,026.0	94.6	1.8	3.6	105.8	350.3	152.1	31
NEBRASKA	32	80,319.2	3,894.8	10,753.7	94,967.6	84.6	4.1	11.3	111.6	271.7	144.5	32
NORTH DAKOTA	33	128,183.3	335.6	0.0	128,519.0	99.7	0.3	0.0	46.8	403.5	0.0	33
SOUTH DAKOTA	34	34,650.1	543.3	169.0	35,362.4	98.0	1.5	0.5	65.6	359.9	190.0	34
..... TOTAL	36	1,353,395.2	43,972.8	138,816.7	1,536,184.7	88.1	2.9	9.0	100.7	293.5	149.5	36
SOUTH ATLANTIC												
DELAWARE	39	25,000.9	42,537.6	4,303.3	71,841.8	34.8	59.2	6.0	135.3	327.5	277.7	39
DISTRICT OF COLUMBIA	40	0.0	13,568.0	0.0	13,568.0	0.0	100.0	0.0	0.0	367.9	0.0	40
FLORIDA	41	188,846.7	455,256.3	154,704.5	798,807.4	23.6	57.0	19.4	161.8	292.6	127.5	41
GEORGIA	42	456,584.6	16,100.6	2,403.6	475,088.8	96.1	3.4	0.5	138.0	297.3	257.9	42
MARYLAND	43	133,718.5	86,727.2	0.0	220,445.7	60.7	39.3	0.0	143.9	305.4	0.0	43
NORTH CAROLINA	44	512,436.4	1,918.1	0.0	514,354.5	99.6	0.4	0.0	145.6	382.6	440.5	44
SOUTH CAROLINA	45	157,679.3	23,803.0	2,645.2	184,127.5	85.6	12.9	1.4	145.5	263.7	210.5	45
VIRGINIA	46	133,770.0	150,001.8	2,086.2	285,858.0	46.8	52.5	0.7	167.9	299.4	243.8	46
WEST VIRGINIA	47	665,308.6	3,173.8	85.5	668,567.9	99.5	0.5	0.0	127.6	417.5	277.2	47
..... TOTAL	49	2,273,345.0	793,086.3	166,228.3	3,232,659.7	70.3	24.5	5.1	141.2	298.4	136.2	49
EAST SOUTH CENTRAL												
ALABAMA	52	441,176.8	2,386.3	8,160.7	451,723.7	97.7	0.5	1.8	149.0	430.5	226.1	52
KENTUCKY	53	577,292.0	827.8	906.9	579,026.7	99.7	0.1	0.2	113.6	457.3	167.8	53
MISSISSIPPI	54	64,452.5	64,981.2	58,072.1	187,505.8	34.4	34.7	31.0	166.9	220.2	181.9	54
TENNESSEE	55	585,734.8	1,458.8	0.0	587,193.5	99.8	0.2	0.0	136.0	458.3	0.0	55
..... TOTAL	57	1,668,656.0	69,654.0	67,139.7	1,805,449.8	92.4	3.9	3.7	132.9	235.2	187.3	57
WEST SOUTH CENTRAL												
ARKANSAS	60	26,178.9	47,757.3	30,883.5	104,819.8	25.0	45.6	29.5	113.7	251.2	171.2	60
LOUISIANA	61	0.0	93,837.0	406,094.2	499,931.1	0.0	18.8	81.2	0.0	271.7	147.0	61
OKLAHOMA	62	76,031.0	885.8	345,488.6	422,405.4	18.0	0.2	81.8	115.0	431.9	154.4	62
TEXAS	63	507,870.0	19,189.3	1,388,920.1	1,915,979.4	26.5	1.0	72.5	97.9	282.9	160.0	63
..... TOTAL	65	610,079.9	161,669.5	2,171,386.3	2,943,135.7	20.7	5.5	73.8	100.7	267.8	156.8	65
MOUNTAIN												
ARIZONA	68	258,498.4	30,653.6	45,190.3	334,342.3	77.3	9.2	13.5	78.6	303.2	208.9	68
COLORADO	69	190,170.5	2,997.9	26,902.8	220,071.1	86.4	1.4	12.2	74.9	275.0	192.1	69
IDAHO	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70
MONTANA	71	59,881.3	93.8	1,897.1	61,872.2	96.8	0.2	3.1	36.0	256.8	210.4	71
NEVADA	72	95,915.8	9,948.3	43,155.3	149,019.5	64.4	6.7	29.0	105.9	278.2	228.4	72
NEW MEXICO	73	154,588.1	5,431.3	57,500.1	217,519.5	71.1	2.5	26.4	47.8	343.0	206.6	73
UTAH	74	99,177.9	1,587.3	5,308.2	106,073.4	93.5	1.5	5.0	103.0	342.3	161.0	74
WYOMING	75	234,788.7	63.9	65.2	234,917.8	99.9	0.0	0.0	47.0	455.5	320.5	75
..... TOTAL	77	1,093,020.7	50,776.1	180,019.1	1,323,815.8	82.6	3.8	13.6	69.1	302.2	209.0	77
PACIFIC												
CALIFORNIA	80	0.0	608,770.1	468,658.0	1,077,428.1	0.0	56.5	43.5	0.0	314.1	244.7	80
OREGON	81	20.5	159.0	902.1	1,081.5	1.9	14.7	83.4	172.9	369.9	291.1	81
WASHINGTON	82	77,760.0	2,838.1	0.0	80,598.1	96.5	3.5	0.0	83.6	260.8	0.0	82
..... TOTAL	84	77,780.5	611,767.2	469,560.0	1,159,107.7	6.7	52.8	40.5	83.6	313.9	244.7	84
UNITED STATES TOTAL	86	11,893,197.9	3,027,344.8	3,359,508.9	18,280,051.6	65.1	16.6	18.4	122.4	303.5	175.4	86

TABLE 19

PRIMARY ENERGY PURCHASE DATA DURING THE PAST TWELVE MONTHS FOR COMBUSTION TURBINE AND INTERNAL COMBUSTION UNITS, 1979

GEOGRAPHIC REGION AND STATE	LINE	TOTAL BTU (BILLIONS)			% OF TOTAL BTU		AVG. PRICE, ¢ PER 10^6 BTU		LINE
		OIL	GAS	TOTAL	OIL	GAS	OIL	GAS	
NEW ENGLAND									
CONNECTICUT	2	890.6	0.0	890.6	100.0	0.0	367.4	0.0	2
MAINE	3	70.4	0.0	70.4	100.0	0.0	458.8	0.0	3
MASSACHUSETTS	4	1,495.5	203.0	1,698.5	88.0	12.0	423.2	168.5	4
NEW HAMPSHIRE	5	14.1	28.3	42.4	33.2	66.8	473.4	295.4	5
RHODE ISLAND	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
VERMONT	7	93.9	0.0	93.9	100.0	0.0	465.1	0.0	7
..... TOTAL	9	2,564.4	231.3	2,795.7	91.7	8.3	406.6	184.1	9
MIDDLE ATLANTIC									
NEW JERSEY	12	16,590.0	4,558.8	21,148.8	78.4	21.6	410.6	257.0	12
NEW YORK	13	7,772.1	3,121.6	10,893.8	71.3	28.7	403.4	233.8	13
PENNSYLVANIA	14	10,938.7	371.4	11,310.1	96.7	3.3	384.2	320.0	14
..... TOTAL	16	35,300.9	8,051.8	43,352.7	81.4	18.6	400.8	250.9	16
EAST NORTH CENTRAL									
ILLINOIS	19	16,949.6	4,068.4	21,017.9	80.6	19.4	383.3	228.9	19
INDIANA	20	3,509.3	217.2	3,726.5	94.2	5.8	380.2	149.0	20
MICHIGAN	21	1,273.0	9,020.0	10,292.9	12.4	87.6	422.6	240.8	21
OHIO	22	9,996.9	1,153.1	11,150.0	89.7	10.3	367.1	229.8	22
WISCONSIN	23	5,103.4	5,692.0	10,795.4	47.3	52.7	382.1	228.4	23
..... TOTAL	25	36,832.2	20,150.6	56,982.8	64.6	35.4	379.8	233.3	25
WEST NORTH CENTRAL									
IOWA	28	964.0	343.3	1,307.3	73.7	26.3	400.4	192.1	28
KANSAS	29	1,198.9	3,947.4	5,146.3	23.3	76.7	370.1	139.2	29
MINNESOTA	30	2,157.2	52.7	2,209.9	97.6	2.4	341.9	184.7	30
MISSOURI	31	3,428.3	848.9	4,277.1	80.2	19.8	370.2	163.2	31
NEBRASKA	32	1,221.8	67.2	1,289.0	94.8	5.2	441.8	174.6	32
NORTH DAKOTA	33	75.1	0.0	75.1	100.0	0.0	356.9	0.0	33
SOUTH DAKOTA	34	286.1	0.0	286.1	100.0	0.0	378.2	0.0	34
..... TOTAL	36	9,331.4	5,259.5	14,590.9	64.0	36.0	376.3	147.4	36
SOUTH ATLANTIC									
DELAWARE	39	299.9	0.0	299.9	100.0	0.0	377.9	0.0	39
DISTRICT OF COLUMBIA	40	528.5	0.0	528.5	100.0	0.0	352.8	0.0	40
FLORIDA	41	20,674.4	9,638.5	30,312.9	68.2	31.8	411.0	116.3	41
GEORGIA	42	564.1	0.0	564.1	100.0	0.0	430.0	0.0	42
MARYLAND	43	3,142.6	9,896.9	13,039.6	24.1	75.9	438.5	176.2	43
NORTH CAROLINA	44	1,321.5	4.8	1,326.3	99.6	0.4	377.0	295.4	44
SOUTH CAROLINA	45	2,061.4	955.3	3,016.7	68.3	31.7	372.3	233.5	45
VIRGINIA	46	2,372.8	1,789.6	4,162.5	57.0	43.0	393.3	200.7	46
WEST VIRGINIA	47	11.4	0.0	11.4	100.0	0.0	624.9	0.0	47
..... TOTAL	49	30,976.6	22,285.2	53,261.8	58.2	41.8	407.6	154.7	49
EAST SOUTH CENTRAL									
ALABAMA	52	579.9	0.0	579.9	100.0	0.0	342.8	0.0	52
KENTUCKY	53	78.7	96.4	175.1	45.0	55.0	347.3	165.8	53
MISSISSIPPI	54	369.0	3,709.8	4,078.7	9.0	91.0	420.0	51.1	54
TENNESSEE	55	4,248.6	0.0	4,248.6	100.0	0.0	322.9	0.0	55
..... TOTAL	57	5,276.2	3,806.2	9,082.3	58.1	41.9	332.3	54.0	57
WEST SOUTH CENTRAL									
ARKANSAS	60	457.0	17.4	474.4	96.3	3.7	282.0	189.5	60
LOUISIANA	61	292.2	2,781.1	3,073.3	9.5	90.5	397.9	148.6	61
OKLAHOMA	62	0.0	3,409.8	3,409.8	0.0	100.0	0.0	149.1	62
TEXAS	63	233.4	44,108.2	44,341.5	0.5	99.5	199.2	111.5	63
..... TOTAL	65	982.5	50,316.5	51,299.1	1.9	98.1	296.8	116.1	65
MOUNTAIN									
ARIZONA	68	7,318.3	9,358.8	16,677.1	43.9	56.1	420.6	201.4	68
COLORADO	69	2,625.5	7,144.0	9,769.5	26.9	73.1	452.4	173.1	69
IDAHO	70	18.3	512.0	530.4	3.5	96.5	330.6	280.4	70
MONTANA	71	55.4	0.0	55.4	100.0	0.0	472.6	0.0	71
NEVADA	72	15.3	0.0	15.3	100.0	0.0	304.4	0.0	72
NEW MEXICO	73	0.0	308.3	308.3	0.0	100.0	0.0	207.9	73
UTAH	74	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
WYOMING	75	1.4	0.0	1.4	100.0	0.0	560.7	0.0	75
..... TOTAL	77	10,034.2	17,323.2	27,357.3	36.7	63.3	428.9	192.2	77
PACIFIC									
CALIFORNIA	80	17,214.2	4,161.9	21,376.0	80.5	19.5	375.2	266.1	80
OREGON	81	8,861.2	2,595.3	11,456.4	77.3	22.7	572.3	339.9	81
WASHINGTON	82	538.5	190.4	728.9	73.9	26.1	366.5	264.4	82
..... TOTAL	84	26,613.8	6,947.6	33,561.4	79.3	20.7	440.7	293.6	84
UNITED STATES TOTAL	86	157,912.2	134,371.8	292,283.9	54.0	46.0	401.4	166.7	86

TABLE 20

PRIMARY ENERGY PURCHASE DATA DURING THE PAST TWELVE MONTHS FOR ALL REPORTING PLANTS, 1979

GEOGRAPHIC REGION AND STATE	LINE	TOTAL BTU (BILLIONS)				% OF TOTAL BTU			AVG. PRICE, ¢ PER 10^6 BTU			LINE
		COAL	OIL	GAS	TOTAL	COAL	OIL	GAS	COAL	OIL	GAS	
NEW ENGLAND												
CONNECTICUT	2	0.0	113,927.0	0.0	113,927.0	0.0	100.0	0.0	0.0	332.5	0.0	2
MAINE	3	0.0	15,817.9	0.0	15,817.9	0.0	100.0	0.0	0.0	286.9	0.0	3
MASSACHUSETTS	4	54.0	295,628.9	6,647.7	302,330.6	0.0	97.8	2.2	232.5	280.1	269.3	4
NEW HAMPSHIRE	5	28,207.2	29,112.7	28.3	57,348.1	49.2	50.8	0.0	152.5	269.8	295.4	5
RHODE ISLAND	6	0.0	6,954.8	1,398.8	8,353.6	0.0	83.3	16.7	0.0	318.7	247.0	6
VERMONT	7	335.2	201.4	534.2	1,070.8	31.3	18.8	49.9	177.2	521.8	262.6	7
..... TOTAL	9	28,596.4	461,642.6	8,609.0	498,848.0	5.7	92.5	1.7	152.9	293.3	265.3	9
MIDDLE ATLANTIC												
NEW JERSEY	12	59,556.6	129,361.4	32,016.9	220,934.9	27.0	58.6	14.5	167.1	346.6	256.1	12
NEW YORK	13	152,741.8	401,780.8	75,389.6	629,912.2	24.2	63.8	12.0	136.4	298.1	228.6	13
PENNSYLVANIA	14	988,319.6	141,220.3	547.6	1,130,087.5	87.5	12.5	0.0	120.1	333.4	299.7	14
..... TOTAL	16	1,200,618.0	672,362.5	107,954.1	1,980,934.6	60.6	33.9	5.4	124.5	314.9	237.1	16
EAST NORTH CENTRAL												
ILLINOIS	19	751,514.2	101,904.4	28,534.3	881,953.0	85.2	11.6	3.2	145.3	385.3	268.5	19
INDIANA	20	799,306.1	9,212.3	2,429.4	810,947.8	98.6	1.1	0.3	116.5	385.5	219.1	20
MICHIGAN	21	573,197.2	90,033.0	25,070.2	688,300.4	83.3	13.1	3.6	146.3	322.8	235.6	21
OHIO	22	1,187,102.7	26,715.7	2,558.1	1,216,376.5	97.6	2.2	0.2	132.8	344.2	200.9	22
WISCONSIN	23	276,586.1	9,245.8	19,637.2	305,469.1	90.5	3.0	6.4	126.9	346.6	225.3	23
..... TOTAL	25	3,587,706.2	237,111.3	78,229.3	3,903,046.8	91.9	6.1	2.0	133.5	355.4	243.4	25
WEST NORTH CENTRAL												
IOWA	28	223,819.6	10,000.4	8,178.8	241,998.7	92.5	4.1	3.4	122.2	367.8	199.6	28
KANSAS	29	168,519.1	16,251.2	100,533.7	285,304.0	59.1	5.7	35.2	99.4	237.7	144.0	29
MINNESOTA	30	228,699.9	7,856.7	5,113.9	241,670.4	94.6	3.3	2.1	101.1	285.5	172.5	30
MISSOURI	31	489,204.0	12,839.2	19,260.0	521,303.2	93.8	2.5	3.7	105.8	355.6	152.6	31
NEBRASKA	32	80,319.2	5,116.6	10,820.9	96,256.6	83.4	5.3	11.2	111.6	312.3	144.7	32
NORTH DAKOTA	33	128,183.3	410.8	0.0	128,594.1	99.7	0.3	0.0	46.8	395.0	0.0	33
SOUTH DAKOTA	34	34,650.1	829.5	169.0	35,648.6	97.2	2.3	0.5	65.6	366.2	190.0	34
..... TOTAL	36	1,353,395.2	53,304.2	144,076.2	1,550,775.6	87.3	3.4	9.3	100.7	303.0	149.4	36
SOUTH ATLANTIC												
DELAWARE	39	25,000.9	42,837.4	4,303.3	72,141.7	34.7	59.4	6.0	135.3	327.9	277.7	39
DISTRICT OF COLUMBIA	40	0.0	14,096.5	0.0	14,096.5	0.0	100.0	0.0	0.0	367.3	0.0	40
FLORIDA	41	188,846.7	475,930.7	164,343.0	829,120.4	22.8	57.4	19.8	161.8	297.8	126.9	41
GEORGIA	42	456,584.6	16,664.7	2,403.6	475,652.9	96.0	3.5	0.5	138.0	301.8	257.9	42
MARYLAND	43	133,718.5	89,869.9	9,896.9	233,485.3	57.3	38.5	4.2	143.9	310.1	176.2	43
NORTH CAROLINA	44	512,436.4	3,239.6	4.8	515,680.8	99.4	0.6	0.0	145.6	380.3	295.5	44
SOUTH CAROLINA	45	157,679.3	25,864.3	3,600.5	187,144.1	84.3	13.8	1.9	145.5	272.3	216.6	45
VIRGINIA	46	133,770.0	152,374.6	3,875.8	290,020.5	46.1	52.5	1.3	167.9	300.9	223.9	46
WEST VIRGINIA	47	665,308.6	3,185.2	85.5	668,579.3	99.5	0.5	0.0	127.6	418.3	277.2	47
..... TOTAL	49	2,273,345.0	824,062.9	188,513.5	3,285,921.4	69.2	25.1	5.7	141.2	302.5	138.4	49
EAST SOUTH CENTRAL												
ALABAMA	52	441,176.8	2,966.2	8,160.7	452,303.6	97.5	0.7	1.8	149.0	413.4	228.1	52
KENTUCKY	53	577,292.0	906.5	1,003.3	579,201.8	99.7	0.2	0.2	113.6	447.8	167.6	53
MISSISSIPPI	54	64,452.5	65,350.2	61,781.9	191,584.6	33.6	34.1	32.2	166.9	221.3	174.1	54
TENNESSEE	55	585,734.8	5,707.4	0.0	591,442.2	99.0	1.0	0.0	136.0	357.5	0.0	55
..... TOTAL	57	1,668,656.0	74,930.2	70,945.9	1,814,532.1	92.0	4.1	3.9	132.9	242.0	180.2	57
WEST SOUTH CENTRAL												
ARKANSAS	60	26,178.9	48,214.3	30,900.9	105,294.1	24.9	45.8	29.3	113.7	251.5	171.2	60
LOUISIANA	61	0.0	94,129.2	408,875.3	503,004.5	0.0	18.7	81.3	0.0	272.1	147.0	61
OKLAHOMA	62	76,031.0	885.8	348,898.5	425,815.3	17.9	0.2	81.9	115.0	431.9	154.3	62
TEXAS	63	507,870.0	19,422.7	1,433,028.2	1,960,320.9	25.9	1.0	73.1	97.9	281.8	158.5	63
..... TOTAL	65	610,079.9	162,652.0	2,221,702.9	2,994,434.8	20.4	5.4	74.2	100.7	268.0	155.9	65
MOUNTAIN												
ARIZONA	68	258,498.4	37,971.8	54,549.1	351,019.3	73.6	10.8	15.5	78.6	325.8	207.6	68
COLORADO	69	190,170.5	5,623.4	34,046.8	229,840.6	82.7	2.4	14.8	74.9	357.8	188.1	69
IDAHO	70	0.0	18.3	512.0	530.4	0.0	3.5	96.5	0.0	330.6	280.4	70
MONTANA	71	59,881.3	149.1	1,897.1	61,927.6	96.7	0.2	3.1	36.0	336.9	210.4	71
NEVADA	72	95,915.8	9,963.6	43,155.3	149,034.8	64.4	6.7	29.0	105.9	278.2	228.4	72
NEW MEXICO	73	154,588.1	5,431.3	57,808.5	217,827.9	71.0	2.5	26.5	47.8	343.0	206.7	73
UTAH	74	99,177.9	1,587.3	5,308.2	106,073.4	93.5	1.5	5.0	103.0	342.3	161.0	74
WYOMING	75	234,788.7	65.3	65.2	234,919.2	99.9	0.0	0.0	47.0	457.7	320.5	75
..... TOTAL	77	1,093,020.7	60,810.2	197,342.2	1,351,173.1	80.9	4.5	14.6	69.1	323.1	207.5	77
PACIFIC												
CALIFORNIA	80	0.0	625,984.3	472,819.8	1,098,804.1	0.0	57.0	43.0	0.0	315.8	244.8	80
OREGON	81	20.5	9,020.2	3,497.3	12,537.9	0.2	71.9	27.9	172.9	568.7	327.3	81
WASHINGTON	82	77,760.0	3,376.6	190.4	81,327.0	95.6	4.2	0.2	83.6	277.6	264.4	82
..... TOTAL	84	77,780.5	638,381.0	476,507.6	1,192,669.1	6.5	53.5	40.0	83.6	319.1	245.5	84
UNITED STATES TOTAL	86	11,893,197.9	3,185,257.0	3,493,880.6	18,572,335.5	64.0	17.2	18.8	122.4	308.4	175.0	86

3. COAL, ORIGIN-BY-DESTINATION, ANNUAL TABLES, 1979

The percentages shown under the heading "PCT OF DELIV" SURFACE AND SPOT represent the percent of total coal shipments surface-mined (as opposed to coal mined underground) and the percent purchased on the spot market (as apposed to coal purchased under contract). The sum of the two columns <u>should</u> <u>not</u> equal 100 percent.

ORIGIN AND DESTINATION OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL SOURCE USBM DIST	COAL SOURCE STATE	COAL DESTINATION STATE	DELIVERIES 1000 TONS	PCT OF DELIV SURFACE	PCT OF DELIV SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	AVG WT PCT ASH	AVG DELIV PRICE $ PER TON
1	MD	MD	1001.7	92.6	19.0	12050	1.46	13.7	34.51
1	MD	N Y	7.3	100.0	100.0	11452	2.58	15.0	27.65
1	MD	OHIO	28.5	94.4	0.0	11870	2.51	14.0	26.14
1	MD	PA	326.4	100.0	21.5	11771	2.57	14.8	26.76
1	MD	W VA	255.0	39.6	100.0	11398	1.47	18.0	24.00
1	MD	WISC	55.2	100.0	0.0	12375	3.17	12.0	33.50
DISTRICT 1	MD	TOTAL	1674.0	86.3	31.2	11902	1.76	14.5	31.19
1	PA	DEL	998.5	100.0	55.0	12365	1.72	12.3	33.19
1	PA	MD	3317.3	91.1	19.6	12274	1.52	12.5	33.89
1	PA	MICH	640.2	98.6	3.0	12516	2.62	10.2	37.02
1	PA	N H	21.2	23.1	100.0	12981	3.04	10.7	38.21
1	PA	N J	461.3	97.5	6.3	12849	1.21	10.6	42.34
1	PA	N Y	5416.4	76.4	43.0	12139	1.84	13.7	31.67
1	PA	OHIO	17.9	100.0	100.0	12449	3.68	11.6	20.08
1	PA	PA	27387.1	45.3	28.3	12195	1.95	15.4	30.32
1	PA	VT	12.9	0.0	100.0	12963	1.54	10.7	45.95
1	PA	W VA	17.7	100.0	30.9	10870	1.26	15.7	18.87
1	PA	WISC	990.6	100.0	4.4	12395	2.87	10.8	34.33
DISTRICT 1	PA	TOTAL	39281.0	57.8	29.1	12216	1.92	14.6	31.23
1	W VA	MD	4.0	0.0	100.0	12567	2.00	14.0	33.10
1	W VA	N J	2.0	0.0	100.0	14011	1.64	4.8	47.92
1	W VA	PA	38.3	100.0	100.0	13269	2.25	9.2	33.24
1	W VA	VA	1.0	0.0	100.0	13274	0.64	7.6	43.59
1	W VA	W VA	2465.0	41.7	7.5	11496	2.07	18.6	27.98
DISTRICT 1	W VA	TOTAL	2510.3	42.4	9.1	11527	2.07	18.4	28.09
DISTRICT 1		TOTAL	43465.3	58.0	28.0	12165	1.92	14.8	31.05
2	PA	ALA	18.1	100.0	100.0	11847	2.21	13.1	28.62
2	PA	MD	336.0	61.0	100.0	12530	1.91	12.5	33.34
2	PA	MICH	190.2	100.0	0.0	12794	1.61	9.0	40.20
2	PA	MINN	7.2	0.0	100.0	12118	1.99	10.6	41.43
2	PA	N H	7.2	100.0	100.0	13140	1.78	7.9	39.00
2	PA	N Y	228.0	38.3	98.4	12875	1.96	8.9	36.87
2	PA	OHIO	1604.4	92.3	47.8	11998	3.10	12.9	28.69
2	PA	PA	5307.4	77.3	42.5	11755	2.09	15.5	25.65
2	PA	TENN	13.6	100.0	100.0	11843	2.38	14.5	28.59
2	PA	W VA	55.7	100.0	67.3	11818	1.19	14.2	24.96
2	PA	WISC	299.1	100.0	100.0	12156	3.21	12.8	31.66
DISTRICT 2		TOTAL	8066.9	80.1	49.1	11909	2.30	14.4	27.49
3	W VA	ILL	122.0	33.0	100.0	12132	2.00	12.0	33.99
3	W VA	IND	7.0	0.0	14.3	12013	0.70	12.2	39.87
3	W VA	IOWA	0.9	0.0	0.0	13200	2.03	9.7	51.98
3	W VA	KY	1.5	0.0	100.0	12444	2.63	14.1	15.51
3	W VA	MD	770.0	49.7	31.0	12530	0.88	10.9	43.60
3	W VA	MASS	2.0	0.0	0.0	13502	2.63	9.5	62.78
3	W VA	MICH	4015.3	20.5	6.6	12657	2.67	11.1	31.39
3	W VA	N H	1022.0	0.0	0.0	13438	2.57	7.7	41.01
3	W VA	N J	1287.9	77.6	1.7	12898	2.10	10.1	40.00
3	W VA	N Y	170.6	2.1	2.1	13140	2.49	8.0	39.98
3	W VA	OHIO	705.3	93.2	39.9	12028	1.24	12.7	34.55
3	W VA	PA	4671.1	30.9	9.6	12462	2.53	12.1	27.57
3	W VA	VA	199.0	0.0	100.0	12986	0.76	9.6	45.47
3	W VA	W VA	8670.2	42.9	10.5	12404	2.28	12.3	29.85
3	W VA	WISC	70.5	73.4	49.6	11809	1.77	11.4	45.22
DISTRICT 3		TOTAL	21715.3	37.4	11.7	12541	2.31	11.6	31.71
4	OHIO	ALA	811.0	100.0	0.0	11597	2.12	11.8	34.74
4	OHIO	GA	68.0	100.0	100.0	11140	2.26	11.7	30.67
4	OHIO	IND	411.8	100.0	100.0	11014	3.65	12.6	23.11
4	OHIO	KY	171.0	100.0	0.0	11226	2.42	15.4	26.90
4	OHIO	MICH	5014.6	49.6	13.1	11592	2.63	12.3	31.22
4	OHIO	MINN	8.3	3.5	0.0	12960	2.37	7.4	51.92
4	OHIO	OHIO	27582.3	63.3	26.5	11096	3.70	15.6	27.91
4	OHIO	PA	1999.1	23.2	16.8	11619	3.43	14.5	29.97
4	OHIO	TENN	1993.8	99.7	0.7	11096	3.68	16.2	27.01
4	OHIO	W VA	374.1	100.0	0.0	11216	0.92	14.3	30.96
4	OHIO	WISC	329.1	100.0	10.8	11820	3.10	6.9	33.48
DISTRICT 4		TOTAL	38763.0	63.3	22.8	11205	3.47	15.0	28.58
6	W VA	IND	15.3	0.0	0.0	12108	3.15	11.9	31.38
6	W VA	OHIO	3493.2	26.6	20.8	11561	3.64	14.2	29.01
6	W VA	PA	58.0	0.0	22.4	12587	2.91	9.6	34.35
6	W VA	W VA	4006.4	0.0	0.0	11920	4.33	14.0	19.42
DISTRICT 6		TOTAL	7572.9	12.3	9.8	11760	4.00	14.0	23.98

ORIGIN AND DESTINATION OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL SOURCE USBM DIST	STATE	COAL DESTINATION STATE	DELIVERIES 1000 TONS	PCT OF DELIV SURFACE	PCT OF DELIV SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	AVG WT PCT ASH	AVG DELIV PRICE $ PER TON
7	VA	ILL	156.0	0.0	100.0	12165	1.38	11.9	38.14
7	VA	KY	0.8	100.0	100.0	10526	3.00	15.6	26.97
7	VA	MO	34.0	0.0	100.0	12500	1.00	11.0	38.23
7	VA	N J	5.0	20.0	20.0	13766	1.49	7.1	51.31
7	VA	N C	115.5	19.3	63.6	12092	0.83	14.5	33.77
7	VA	VA	605.0	32.3	1.0	11682	0.87	16.8	36.18
7	VA	W VA	418.0	38.1	0.0	11406	1.07	15.9	36.33
DISTRICT 7	VA	TOTAL	1334.3	28.4	20.3	11716	1.00	15.6	36.35
7	W VA	ALA	217.9	0.0	7.0	12363	1.92	12.6	34.71
7	W VA	ILL	8.0	0.0	100.0	12567	1.57	10.1	39.49
7	W VA	KY	323.2	76.1	0.3	12740	0.93	10.5	44.33
7	W VA	N J	28.0	0.0	10.7	13846	1.48	6.5	50.29
7	W VA	N C	190.0	50.7	38.8	12259	0.94	12.7	34.57
7	W VA	OHIO	66.8	100.0	100.0	12695	0.76	9.7	35.09
7	W VA	TENN	95.7	3.2	3.2	11682	2.42	14.9	35.22
7	W VA	VA	91.4	10.0	39.4	12552	0.94	11.8	37.17
DISTRICT 7	W VA	TOTAL	1021.0	41.3	20.3	12480	1.29	11.7	38.49
DISTRICT 7		TOTAL	2355.2	34.0	20.3	12047	1.12	13.9	37.28
8	KY	ALA	1624.8	26.4	21.3	11778	1.30	11.6	39.94
8	KY	FLOR	1843.3	57.7	0.6	12218	1.40	8.9	46.11
8	KY	GA	8926.2	94.6	31.0	12210	1.52	11.6	34.18
8	KY	ILL	816.9	49.0	9.8	12899	0.64	6.8	51.44
8	KY	IND	562.2	100.0	60.0	11857	1.99	10.1	29.29
8	KY	IOWA	3.0	100.0	0.0	12329	0.84	8.6	43.88
8	KY	KY	7958.6	79.3	31.1	11864	1.33	11.5	32.57
8	KY	MICH	8692.6	74.2	27.9	12444	0.82	9.3	40.63
8	KY	MINN	20.8	94.8	100.0	12350	1.01	12.2	42.49
8	KY	MISS	621.7	69.3	7.0	11207	1.50	16.8	36.22
8	KY	MO	44.0	57.9	100.0	12500	1.00	9.9	38.18
8	KY	N J	24.4	63.1	4.5	13405	0.75	6.3	55.39
8	KY	N Y	401.0	100.0	0.0	13034	1.21	5.1	52.33
8	KY	N C	10849.4	32.1	8.2	12150	0.94	10.8	36.77
8	KY	OHIO	10859.4	65.3	33.5	11588	1.00	13.0	33.60
8	KY	PA	86.6	47.1	75.5	12977	0.97	6.8	42.01
8	KY	S C	5357.7	43.3	12.0	12369	1.32	10.6	36.26
8	KY	TENN	6913.3	61.1	4.5	11461	1.12	14.0	30.86
8	KY	VA	1969.4	65.6	33.8	12573	0.95	9.6	44.12
8	KY	W VA	2679.0	77.5	4.3	11856	0.96	12.2	38.10
8	KY	WISC	7.0	58.6	77.2	12620	1.04	9.4	40.13
DISTRICT 8	KY	TOTAL	70261.3	64.2	21.2	12022	1.13	11.4	36.12
8	TENN	ALA	359.4	95.9	100.0	12187	2.04	11.8	34.26
8	TENN	FLOR	20.3	100.0	83.6	12311	2.40	10.7	43.67
8	TENN	GA	1633.2	41.5	12.5	12317	1.15	10.5	39.43
8	TENN	KY	160.0	77.2	100.0	11690	1.86	15.1	29.10
8	TENN	N C	405.3	19.0	10.4	12295	1.08	11.4	35.13
8	TENN	S C	20.0	58.6	68.5	12111	1.70	13.1	30.94
8	TENN	TENN	4407.4	41.6	6.4	11952	1.66	13.7	32.74
DISTRICT 8	TENN	TOTAL	7005.6	44.1	15.4	12065	1.53	12.8	34.46
8	VA	ALA	10.1	100.0	100.0	11247	0.90	15.9	30.25
8	VA	GA	323.6	73.5	74.9	12377	1.20	11.5	37.00
8	VA	KY	605.7	0.0	0.0	13416	0.62	6.4	53.90
8	VA	MICH	139.0	100.0	46.0	12818	0.82	9.0	41.31
8	VA	MO	639.0	0.0	43.3	12944	1.39	8.1	46.49
8	VA	N J	462.6	76.0	1.6	13573	1.28	7.3	53.55
8	VA	N Y	2.0	0.0	100.0	12889	1.70	5.4	42.46
8	VA	N C	6377.9	42.6	6.9	12245	0.99	13.0	35.00
8	VA	OHIO	97.9	59.8	28.1	11654	0.90	13.9	29.92
8	VA	S C	966.2	47.5	2.6	12362	1.29	12.7	34.66
8	VA	TENN	532.2	11.8	18.0	12031	1.57	13.7	29.02
8	VA	VA	2030.6	18.0	15.8	12262	0.79	14.9	40.63
8	VA	W VA	158.0	52.9	0.1	11375	1.06	15.3	36.84
DISTRICT 8	VA	TOTAL	12344.7	36.4	12.3	12385	1.02	12.5	37.97
8	W VA	ALA	25.8	100.0	100.0	11815	0.74	13.2	36.54
8	W VA	DEL	12.4	100.0	0.0	12428	0.73	10.0	55.21
8	W VA	IND	5.0	0.0	100.0	12404	0.66	12.3	36.12
8	W VA	KY	82.2	63.5	0.5	11614	0.99	13.8	29.88
8	W VA	MD	13.0	100.0	100.0	12627	0.93	11.7	38.76
8	W VA	MICH	557.5	57.8	48.7	12746	1.46	9.6	36.97
8	W VA	N Y	8.0	0.0	100.0	13272	1.91	6.4	42.71
8	W VA	N C	3095.3	14.9	12.9	12146	0.84	13.7	32.04
8	W VA	OHIO	3686.4	25.1	23.9	11869	0.81	13.2	35.91
8	W VA	PA	11.4	100.0	0.0	11774	2.62	14.4	26.44
8	W VA	S C	30.9	31.6	9.7	12508	1.30	10.1	35.86
8	W VA	VA	508.8	10.8	57.4	12604	0.85	10.3	40.78
8	W VA	W VA	8738.2	38.2	1.2	11757	0.80	14.0	34.41
8	W VA	WISC	23.3	67.0	100.0	11711	1.05	13.5	45.68
DISTRICT 8	W VA	TOTAL	16798.4	31.2	12.1	11914	0.84	13.5	34.59
DISTRICT 8		TOTAL	106410.0	54.4	18.3	12050	1.10	11.9	35.98

ORIGIN AND DESTINATION OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL SOURCE USBM DIST	STATE	COAL DESTINATION STATE	DELIVERIES 1000 TONS	PCT OF DELIV SURFACE	SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	ASH	AVG DELIV PRICE $ PER TON
9	KY	ALA	1884.0	10.7	0.8	11573	3.68	13.8	37.32
9	KY	FLOR	2381.5	70.3	4.3	11613	2.89	10.3	32.81
9	KY	GA	2954.0	43.7	0.0	11499	2.51	9.6	33.25
9	KY	ILL	764.3	100.0	32.4	11167	2.48	11.2	30.02
9	KY	IND	3680.6	86.7	64.8	11153	4.07	13.4	20.77
9	KY	IOWA	176.8	47.0	38.3	11500	3.07	10.2	28.30
9	KY	KY	13879.2	67.6	7.6	10838	3.80	14.5	20.45
9	KY	MICH	439.1	99.0	22.0	11759	3.09	9.7	28.21
9	KY	MINN	5.4	46.7	100.0	12209	0.91	7.0	44.34
9	KY	MISS	248.8	100.0	100.0	11420	2.71	9.0	31.80
9	KY	MO	64.0	100.0	100.0	12000	1.30	7.0	36.78
9	KY	OHIO	1586.2	100.0	2.7	11028	2.89	13.5	23.90
9	KY	TENN	10517.2	9.8	1.3	11370	3.11	12.3	31.88
9	KY	WISC	2026.7	84.7	6.7	11773	3.35	10.2	32.09
DISTRICT 9		TOTAL	40607.7	53.4	11.4	11211	3.39	12.8	26.99
10	ILL	ALA	51.6	75.3	55.8	11566	2.14	9.1	28.74
10	ILL	FLOR	1481.4	31.3	0.0	11770	2.53	9.8	39.40
10	ILL	GA	2962.9	91.9	0.0	11356	2.53	9.3	29.11
10	ILL	ILL	18577.6	42.1	17.5	10577	3.12	11.4	24.72
10	ILL	IND	6749.2	13.4	0.0	10663	2.76	11.3	24.60
10	ILL	IOWA	1983.9	93.9	25.1	10572	2.72	9.2	28.63
10	ILL	KY	539.9	15.8	0.0	10437	3.22	16.9	25.90
10	ILL	MICH	846.7	96.9	0.0	11236	3.09	9.8	33.48
10	ILL	MINN	705.2	45.6	3.2	11504	2.80	9.4	32.29
10	ILL	MISS	260.5	100.0	14.5	12052	2.57	11.1	24.71
10	ILL	MO	12083.8	83.6	0.9	11032	2.51	10.3	19.92
10	ILL	TENN	483.4	14.7	0.0	11587	2.23	10.1	30.95
10	ILL	WISC	3866.8	58.9	1.6	11106	2.71	9.7	30.05
DISTRICT 10		TOTAL	50592.8	54.9	7.9	10859	2.81	10.7	25.13
11	IND	ALA	403.9	100.0	1.5	11031	1.72	10.2	30.60
11	IND	FLOR	47.9	67.0	0.0	11550	3.20	10.5	29.58
11	IND	GA	1631.2	100.0	4.3	10997	1.45	9.5	23.58
11	IND	ILL	1041.8	99.3	72.9	11021	1.99	9.9	28.91
11	IND	IND	20686.0	99.4	7.5	10817	2.94	11.0	22.13
11	IND	IOWA	79.5	100.0	0.0	11231	3.25	10.0	27.30
11	IND	KY	1908.0	100.0	4.7	11082	2.80	9.7	21.09
11	IND	MICH	1.3	100.0	100.0	10619	3.95	11.5	32.86
11	IND	MO	81.0	100.0	100.0	11000	1.10	9.0	33.37
11	IND	TENN	522.7	100.0	3.7	11050	2.06	9.3	29.15
11	IND	WISC	314.2	100.0	79.6	11262	4.03	9.9	29.94
DISTRICT 11		TOTAL	26717.7	99.4	10.6	10871	2.77	10.7	22.83
12	IOWA	IOWA	556.2	73.4	24.3	9492	3.72	15.5	24.56
12	IOWA	MO	1.4	100.0	0.0	9333	4.79	17.1	27.27
DISTRICT 12		TOTAL	557.6	73.5	24.2	9492	3.72	15.5	24.57
13	ALA	ALA	12760.5	62.2	16.2	11954	1.41	13.5	34.94
13	ALA	FLOR	530.0	78.8	73.9	12111	2.31	12.0	39.08
13	ALA	GA	713.1	100.0	0.0	12444	1.65	11.7	32.79
13	ALA	MISS	685.5	100.0	21.2	12304	2.28	12.0	35.66
13	ALA	TENN	4.3	13.8	100.0	11582	1.72	16.4	24.60
DISTRICT 13	ALA	TOTAL	14693.4	66.4	17.8	11999	1.49	13.3	35.02
13	GA	ALA	5.9	100.0	100.0	12000	2.40	14.1	26.83
13	GA	N J	10.8	100.0	37.0	13780	0.68	5.8	57.20
DISTRICT 13	GA	TOTAL	16.7	100.0	59.3	13151	1.29	8.7	46.47
13	TENN	ALA	391.6	49.9	79.7	12209	1.35	13.5	31.12
13	TENN	MINN	44.5	57.6	4.2	12077	2.33	10.9	42.33
13	TENN	TENN	3.1	89.2	89.2	12171	2.23	14.5	28.57
DISTRICT 13	TENN	TOTAL	439.2	50.9	72.1	12196	1.45	13.3	32.24
DISTRICT 13		TOTAL	15149.2	66.0	19.4	12006	1.49	13.2	34.95
14	ARK	MINN	10.9	0.0	100.0	12765	2.00	10.6	38.17
DISTRICT 14	ARK	TOTAL	10.9	0.0	100.0	12765	2.00	10.6	38.17
14	OKLA	ALA	7.8	100.0	100.0	12400	2.20	13.5	28.79
14	OKLA	FLOR	20.1	100.0	100.0	12684	2.77	11.2	36.96
14	OKLA	IOWA	61.3	100.0	53.2	12450	3.23	12.1	33.83
14	OKLA	KAN	5.3	100.0	100.0	11362	3.79	15.2	28.59
14	OKLA	MINN	9.7	90.4	100.0	12635	3.23	11.1	43.42
14	OKLA	MISS	7.3	100.0	100.0	12425	2.70	9.8	37.01
14	OKLA	MO	162.0	100.0	24.1	13500	1.50	7.0	43.37
14	OKLA	TENN	5.4	100.0	100.0	12994	2.79	11.3	34.95
14	OKLA	WISC	37.9	100.0	100.0	11559	4.18	11.5	28.47
DISTRICT 14	OKLA	TOTAL	316.8	99.7	52.1	12890	2.39	9.3	38.44
DISTRICT 14		TOTAL	327.7	96.4	53.7	12886	2.38	9.4	38.43

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15	KAN	KAN	1229.7	100.0	7.7	9534	5.03	24.7	15.38
15	KAN	MO	595.3	100.0	8.0	11436	4.00	15.8	24.74
DISTRICT 15	KAN	TOTAL	1825.0	100.0	7.8	10155	4.69	21.8	18.43
15	MO	ILL	2.9	100.0	100.0	10550	3.20	12.0	25.34
15	MO	IOWA	489.9	99.9	8.2	9952	3.27	11.6	34.24
15	MO	MO	4110.2	98.3	5.8	9873	4.78	18.8	18.31
DISTRICT 15	MO	TOTAL	4603.0	98.5	6.1	9882	4.62	18.0	20.01
15	OKLA	FLOR	53.6	100.0	100.0	12252	2.43	11.4	33.90
15	OKLA	IOWA	140.2	95.9	51.1	11886	3.70	14.0	36.35
15	OKLA	KAN	933.7	100.0	42.4	12028	2.68	10.8	30.36
15	OKLA	MINN	1.0	100.0	100.0	11300	3.90	15.5	42.67
15	OKLA	MO	1359.3	100.0	3.9	11701	3.91	13.1	23.62
15	OKLA	NEB	6.0	100.0	100.0	11202	0.56	7.6	37.78
15	OKLA	TENN	2.7	100.0	100.0	13000	2.80	11.3	35.00
DISTRICT 15	OKLA	TOTAL	2496.6	99.8	23.4	11846	3.40	12.2	27.13
15	TEX	TEX	24802.0	100.0	0.0	6559	0.73	11.7	7.58
DISTRICT 15	TEX	TOTAL	24802.0	100.0	0.0	6559	0.73	11.7	7.58
DISTRICT 15		TOTAL	33726.7	99.8	3.0	7598	1.67	13.1	11.31
16	COLO	ILL	1118.9	97.4	22.1	10873	0.61	9.1	39.36
16	COLO	IOWA	239.4	10.2	9.0	10104	0.36	7.9	45.62
16	COLO	MO	458.0	100.0	0.0	10700	0.30	7.5	37.32
16	COLO	NEB	141.3	99.3	100.0	10841	0.26	6.0	30.01
DISTRICT 16		TOTAL	1957.6	87.5	20.9	10736	0.48	8.4	38.97
17	COLO	COLO	6349.6	95.0	0.0	10838	0.46	9.1	16.28
17	COLO	ILL	643.4	22.5	9.7	11961	0.59	9.9	44.72
17	COLO	IND	762.8	0.0	0.0	11197	0.39	7.4	43.28
17	COLO	IOWA	99.6	98.6	26.8	10541	0.42	5.7	36.98
17	COLO	KAN	403.7	100.0	12.6	10754	0.57	10.4	29.77
17	COLO	MISS	675.1	0.0	0.0	11478	0.56	9.7	48.32
17	COLO	MO	436.0	100.0	0.0	10012	0.32	8.4	37.96
17	COLO	NEB	136.9	100.0	100.0	10709	0.54	9.5	29.93
17	COLO	TEX	33.1	100.0	0.0	10838	0.46	5.9	39.42
DISTRICT 17	COLO	TOTAL	9540.2	76.3	2.9	10941	0.47	9.1	24.67
17	N M	ARIZ	327.6	100.0	0.0	12094	0.45	14.2	35.60
DISTRICT 17	N M	TOTAL	327.6	100.0	0.0	12094	0.45	14.2	35.60
DISTRICT 17		TOTAL	9867.8	77.1	2.8	10980	0.47	9.2	25.04
18	ARIZ	ARIZ	8006.7	100.0	0.0	10827	0.42	9.4	12.30
18	ARIZ	NEV	3039.0	100.0	0.0	10879	0.68	11.3	19.95
DISTRICT 18	ARIZ	TOTAL	11045.7	100.0	0.0	10841	0.49	9.9	14.41
18	N M	ARIZ	3844.9	100.0	24.7	10039	0.45	13.4	24.16
18	N M	MO	279.0	100.0	0.0	10000	0.60	9.0	39.68
18	N M	NEV	195.0	100.0	0.0	10952	0.70	11.5	17.17
18	N M	N M	8676.3	100.0	0.0	8909	0.72	21.1	8.51
18	N M	TEX	76.0	100.0	0.0	9035	0.45	6.2	26.60
DISTRICT 18	N M	TOTAL	13071.2	100.0	7.3	9296	0.64	18.3	14.01
DISTRICT 18		TOTAL	24116.9	100.0	3.9	10004	0.57	14.5	14.19
19	WYO	ARK	1557.0	100.0	0.0	8407	0.34	5.0	19.11
19	WYO	COLO	3035.9	100.0	0.0	8653	0.40	5.3	12.89
19	WYO	ILL	9089.2	100.0	0.1	9458	0.46	6.5	34.58
19	WYO	IND	1895.7	100.0	0.0	10197	0.74	9.2	36.47
19	WYO	IOWA	7823.5	97.0	0.4	8974	0.53	7.8	19.49
19	WYO	KAN	6450.5	100.0	0.5	8795	0.40	6.2	16.68
19	WYO	KY	0.6	100.0	100.0	10526	3.00	15.6	22.04
19	WYO	MO	2434.1	100.0	0.4	9378	0.53	9.2	26.83
19	WYO	NEB	3641.7	100.0	19.6	9312	0.56	7.3	19.43
19	WYO	OHIO	3648.5	100.0	0.0	8151	0.50	5.8	25.40
19	WYO	OKLA	4367.4	100.0	0.0	8704	0.38	5.2	20.02
19	WYO	ORE	1.0	100.0	100.0	10027	0.53	3.5	34.67
19	WYO	S D	259.6	100.0	0.0	8033	0.44	6.3	11.18
19	WYO	TEX	8640.5	100.0	0.0	8596	0.40	5.8	28.61
19	WYO	WISC	2530.2	100.0	15.0	8779	0.52	6.8	20.61
19	WYO	WYO	13425.1	100.0	2.3	8744	0.51	9.3	8.21
DISTRICT 19		TOTAL	68800.5	99.7	2.2	8896	0.47	7.1	20.95

ORIGIN AND DESTINATION OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL SOURCE USBM DIST	STATE	COAL DESTINATION STATE	DELIVERIES 1000 TONS	PCT OF DELIV SURFACE	SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	ASH	AVG DELIV PRICE $ PER TON
20	UTAH	ILL	102.8	0.0	100.0	11176	0.48	9.6	47.25
20	UTAH	IND	1333.7	0.0	0.0	11856	0.60	8.8	56.59
20	UTAH	IOWA	10.9	0.0	59.6	12548	0.48	7.3	50.42
20	UTAH	KAN	10.8	0.0	100.0	11097	0.51	13.0	34.13
20	UTAH	MISS	254.0	0.0	0.0	11827	0.50	7.9	52.66
20	UTAH	MO	1.0	0.0	0.0	11400	0.80	8.0	18.60
20	UTAH	NEB	261.5	0.0	100.0	12173	0.84	8.4	39.43
20	UTAH	NEV	1107.6	0.0	20.9	11521	0.59	11.2	33.91
20	UTAH	OHIO	0.1	0.0	0.0	10996	0.54	11.8	44.80
20	UTAH	UTAH	4246.0	0.0	0.0	11679	0.51	10.8	24.06
DISTRICT 20		TOTAL	7328.4	0.0	8.4	11703	0.55	10.3	33.39
21	N D	MINN	699.9	100.0	2.6	7051	0.65	7.1	12.64
21	N D	N D	9430.0	100.0	29.7	6678	0.63	9.9	6.19
21	N D	S D	2477.3	100.0	0.0	6152	0.70	7.3	8.00
DISTRICT 21	N D	TOTAL	12607.1	100.0	22.4	6595	0.64	9.2	6.90
21	S D	N D	168.3	100.0	0.0	6500	0.46	7.8	9.71
DISTRICT 21	S D	TOTAL	168.3	100.0	0.0	6500	0.46	7.8	9.71
DISTRICT 21		TOTAL	12775.4	100.0	22.1	6594	0.64	9.2	6.94
22	MONT	ILL	4106.4	100.0	1.2	9308	0.45	5.3	32.91
22	MONT	IND	813.0	100.0	0.0	9408	0.40	4.3	32.40
22	MONT	IOWA	180.4	100.0	0.0	8630	0.71	10.5	23.26
22	MONT	KAN	5.8	100.0	0.0	8500	0.74	8.5	23.00
22	MONT	MICH	3727.0	100.0	0.0	9514	0.38	6.1	27.94
22	MONT	MINN	11449.5	100.0	0.4	8732	0.80	9.3	17.04
22	MONT	MONT	3510.9	100.0	0.0	8528	0.70	8.7	6.14
22	MONT	N D	3.3	100.0	0.0	8576	0.80	9.0	21.71
22	MONT	TEX	1609.0	100.0	0.0	9627	0.37	3.6	35.55
22	MONT	WISC	2718.5	100.0	1.5	8688	0.82	8.5	17.00
DISTRICT 22		TOTAL	28123.7	100.0	0.5	8960	0.64	7.7	20.98
23	WASH	WASH	4800.0	100.0	0.0	8100	0.87	16.0	13.55
DISTRICT 23		TOTAL	4800.0	100.0	0.0	8100	0.87	16.0	13.55
PENN ANTHRACITE		PA	1146.4	97.2	63.5	8728	0.60	26.7	13.99
PENN ANTHRACITE		TOTAL	1146.4	97.2	63.5	8728	0.60	26.7	13.99
POLAND		FLOR	548.6	66.9	0.0	11874	0.84	10.8	36.27
POLAND		TOTAL	548.6	66.9	0.0	11874	0.84	10.8	36.27
SOUTH AFRICA		FLOR	965.7	8.1	7.0	11904	0.65	12.6	37.79
SOUTH AFRICA		TEX	41.7	100.0	100.0	10931	0.43	13.6	38.22
SOUTH AFRICA		TOTAL	1007.4	11.9	10.8	11864	0.65	12.6	37.80
AUSTRALIA		FLOR	57.3	67.0	0.0	11700	0.50	11.0	36.39
AUSTRALIA		TOTAL	57.3	67.0	0.0	11700	0.50	11.0	36.39
IMPORTS		TOTAL	1613.2	32.5	6.8	11861	0.71	12.0	37.23
		NATIONAL TOTAL	556558.0	70.7	12.8	10685	1.73	11.6	26.15

4. COAL, DESTINATION-BY-ORIGIN DATA, ANNUAL TABLES, 1979

The percentages shown under the heading "PCT OF DELIV" SURFACE AND SPOT represent the percent of total coal shipments surface-mined (as opposed to coal mined underground) and the percent purchased on the spot market (as apposed to coal purchased under contract). The sum of the two columns <u>should</u> <u>not</u> equal 100 percent.

DESTINATION AND ORIGIN OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL DESTINATION STATE	COAL SOURCE USBM DIST	COAL SOURCE STATE	DELIVERIES 1000 TONS	PCT OF DELIV SURFACE	PCT OF DELIV SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	AVG WT PCT ASH	AVG DELIV PRICE $ PER TON
MASS	3	W VA	2.0	0.0	0.0	13502	2.63	9.5	62.78
N H	1	PA	21.2	23.1	100.0	12981	3.04	10.7	38.21
N H	2	PA	7.2	100.0	100.0	13140	1.78	7.9	39.00
N H	3	W VA	1022.0	0.0	0.0	13438	2.57	7.7	41.01
TOTAL FOR N H			1050.4	1.2	2.7	13427	2.57	7.8	40.94
VT	1	PA	12.9	0.0	100.0	12963	1.54	10.7	45.95
TOTAL FOR NEW ENGLAND REGION			1065.3	1.1	3.9	13421	2.56	7.8	41.04
N J	1	PA	461.3	97.5	6.3	12849	1.21	10.6	42.34
N J	1	W VA	2.0	0.0	100.0	14011	1.64	4.8	47.92
N J	3	W VA	1287.9	77.6	1.7	12898	2.10	10.1	40.00
N J	7	VA	5.0	20.0	20.0	13766	1.49	7.1	51.31
N J	7	W VA	28.0	0.0	10.7	13846	1.48	6.5	50.29
N J	8	KY	24.4	63.1	4.5	13405	0.75	6.3	55.39
N J	8	VA	462.6	76.0	1.6	13573	1.28	7.3	53.55
N J	13	GA	10.8	100.0	37.0	13780	0.68	5.8	57.20
TOTAL FOR N J			2282.0	80.1	3.1	13049	1.72	9.5	43.62
N Y	1	MD	7.3	100.0	100.0	11452	2.58	15.0	27.65
N Y	1	PA	5416.4	76.4	43.0	12139	1.84	13.7	31.67
N Y	2	PA	228.0	38.3	98.4	12875	1.96	8.9	36.87
N Y	3	W VA	170.6	2.1	2.1	13140	2.49	8.0	39.98
N Y	8	KY	401.0	100.0	0.0	13034	1.21	5.1	52.33
N Y	8	VA	2.0	0.0	100.0	12889	1.70	5.4	42.46
N Y	8	W VA	8.0	0.0	100.0	13272	1.91	6.4	42.71
TOTAL FOR N Y			6233.3	74.4	41.3	12252	1.82	12.8	33.43
PA	1	MD	326.4	100.0	21.5	11771	2.57	14.8	26.76
PA	1	PA	27387.1	45.3	28.3	12195	1.95	15.4	30.32
PA	1	W VA	38.3	100.0	100.0	13269	2.25	9.2	33.24
PA	2	PA	5307.4	77.3	42.5	11755	2.09	15.5	25.65
PA	3	W VA	4671.1	30.9	9.6	12462	2.53	12.1	27.57
PA	4	OHIO	1999.1	23.2	16.8	11619	3.43	14.5	29.97
PA	6	W VA	58.0	0.0	22.4	12587	2.91	9.6	34.35
PA	8	KY	86.6	47.1	75.5	12977	0.97	6.8	42.01
PA	8	W VA	11.4	100.0	0.0	11774	2.62	14.4	26.44
PA	PENN ANTHRACITE		1146.4	97.2	63.5	8728	0.60	26.7	13.99
TOTAL FOR PA			41031.8	48.6	28.5	12043	2.07	15.3	28.93
TOTAL FOR MIDDLE ATLANTIC REGION			49547.1	53.3	29.0	12116	2.03	14.7	30.17

DESTINATION AND ORIGIN OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL DESTINATION STATE	COAL SOURCE USBM DIST	COAL SOURCE STATE	DELIVERIES 1000 TONS	PCT OF DELIV SURFACE	PCT OF DELIV SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	AVG WT PCT ASH	AVG DELIV PRICE $ PER TON
ILL	3	W VA	122.0	33.0	100.0	12132	2.00	12.0	33.99
ILL	7	VA	156.0	0.0	100.0	12165	1.38	11.9	38.14
ILL	7	W VA	8.0	0.0	100.0	12567	1.57	10.1	39.49
ILL	8	KY	816.9	49.0	9.8	12899	0.64	6.8	51.44
ILL	9	KY	764.3	100.0	32.4	11167	2.48	11.2	30.02
ILL	10	ILL	18577.6	42.1	17.5	10577	3.12	11.4	24.72
ILL	11	IND	1041.8	99.3	72.9	11021	1.99	9.9	28.91
ILL	15	MO	2.9	100.0	100.0	10550	3.20	12.0	25.34
ILL	16	COLO	1118.9	97.4	22.1	10873	0.61	9.1	39.36
ILL	17	COLO	643.4	22.5	9.7	11961	0.59	9.9	44.72
ILL	19	WYO	9089.2	100.0	0.1	9458	0.46	6.5	34.58
ILL	20	UTAH	102.8	0.0	100.0	11176	0.48	9.6	47.25
ILL	22	MONT	4106.4	100.0	1.2	9308	0.45	5.3	32.91
TOTAL FOR ILL			36550.3	67.0	13.9	10281	1.91	9.3	29.88
IND	3	W VA	7.0	0.0	14.3	12013	0.70	12.2	39.87
IND	4	OHIO	411.8	100.0	100.0	11014	3.65	12.6	23.11
IND	6	W VA	15.3	0.0	0.0	12108	3.15	11.9	31.38
IND	8	KY	562.2	100.0	60.0	11857	1.99	10.1	29.29
IND	8	W VA	5.0	0.0	100.0	12404	0.66	12.3	36.12
IND	9	KY	3680.6	86.7	64.8	11153	4.07	13.4	20.77
IND	10	ILL	6749.2	13.4	0.0	10663	2.76	11.3	24.60
IND	11	IND	20686.0	99.4	7.5	10817	2.94	11.0	22.13
IND	17	COLO	762.8	0.0	0.0	11197	0.39	7.4	43.28
IND	19	WYO	1895.7	100.0	0.0	10197	0.74	9.2	36.47
IND	20	UTAH	1333.7	0.0	0.0	11856	0.60	8.8	56.59
IND	22	MONT	813.0	100.0	0.0	9408	0.40	4.3	32.40
TOTAL FOR IND			36922.2	76.8	12.7	10824	2.71	10.9	25.22
MICH	1	PA	640.2	98.6	3.0	12516	2.62	10.2	37.02
MICH	2	PA	190.2	100.0	0.0	12794	1.61	9.0	40.20
MICH	3	W VA	4015.3	20.5	6.6	12657	2.67	11.1	31.39
MICH	4	OHIO	5014.6	49.6	13.1	11592	2.63	12.3	31.22
MICH	8	KY	8692.6	74.2	27.9	12444	0.82	9.3	40.63
MICH	8	VA	139.0	100.0	46.0	12818	0.82	9.0	41.31
MICH	8	W VA	557.5	57.8	48.7	12746	1.46	9.6	36.97
MICH	9	KY	439.1	99.0	22.0	11759	3.09	9.7	28.21
MICH	10	ILL	846.7	96.9	0.0	11236	3.09	9.8	33.48
MICH	11	IND	1.3	100.0	100.0	10619	3.95	11.5	32.86
MICH	22	MONT	3727.0	100.0	0.0	9514	0.38	6.1	27.94
TOTAL FOR MICH			24263.5	66.0	15.7	11812	1.62	9.8	34.55
OHIO	1	MD	28.5	94.4	0.0	11870	2.51	14.0	26.14
OHIO	1	PA	17.9	100.0	100.0	12449	3.68	11.6	20.08
OHIO	2	PA	1604.4	92.3	47.8	11998	3.10	12.9	28.69
OHIO	3	W VA	705.3	93.2	39.9	12028	1.24	12.7	34.55
OHIO	4	OHIO	27582.3	63.3	26.5	11096	3.70	15.6	27.91
OHIO	6	W VA	3493.2	26.6	20.8	11561	3.64	14.2	29.01
OHIO	7	W VA	66.8	100.0	100.0	12695	0.76	9.7	35.09
OHIO	8	KY	10859.4	65.3	33.5	11588	1.00	13.0	33.60
OHIO	8	VA	97.9	59.8	28.1	11654	0.90	13.9	29.92
OHIO	8	W VA	3686.4	25.1	23.9	11869	0.81	13.2	35.91
OHIO	9	KY	1586.2	100.0	2.7	11028	2.89	13.5	23.90
OHIO	19	WYO	3648.5	100.0	0.0	8151	0.50	5.8	25.40
OHIO	20	UTAH	0.1	0.0	0.0	10996	0.54	11.8	44.80
TOTAL FOR OHIO			53376.9	63.6	25.8	11120	2.65	14.0	29.52
WISC	1	MD	55.2	100.0	0.0	12375	3.17	12.0	33.50
WISC	1	PA	990.6	100.0	4.4	12395	2.87	10.8	34.33
WISC	2	PA	299.1	100.0	100.0	12156	3.21	12.8	31.66
WISC	3	W VA	70.5	73.4	49.6	11809	1.77	11.4	45.22
WISC	4	OHIO	329.1	100.0	10.8	11820	3.10	6.9	33.48
WISC	8	KY	7.0	58.6	77.2	12620	1.04	9.4	40.13
WISC	8	W VA	23.3	67.0	100.0	11711	1.05	13.5	45.68
WISC	9	KY	2026.7	84.7	6.7	11773	3.35	10.2	32.09
WISC	10	ILL	3866.8	58.9	1.6	11106	2.71	9.7	30.05
WISC	11	IND	314.2	100.0	79.6	11262	4.03	9.9	29.94
WISC	14	OKLA	37.9	100.0	100.0	11559	4.18	11.5	28.47
WISC	19	WYO	2530.2	100.0	15.0	8779	0.52	6.8	20.61
WISC	22	MONT	2718.5	100.0	1.5	8688	0.82	8.5	17.00
TOTAL FOR WISC			13269.0	85.5	10.2	10422	2.06	9.1	26.45
TOTAL FOR EAST NORTH CENTRAL REGION			164382.0	69.4	17.5	10913	2.30	11.2	29.13

DESTINATION AND ORIGIN OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL DESTINATION STATE	COAL SOURCE USBM DIST	COAL SOURCE STATE	DELIVERIES 1000 TONS	PCT OF DELIV SURFACE	PCT OF DELIV SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	AVG WT PCT ASH	AVG DELIV PRICE $ PER TON
IOWA	3	W VA	0.9	0.0	0.0	13200	2.03	9.7	51.98
IOWA	8	KY	3.0	100.0	0.0	12329	0.84	8.6	43.88
IOWA	9	KY	176.8	47.0	38.3	11500	3.07	10.2	28.30
IOWA	10	ILL	1983.9	93.9	25.1	10572	2.72	9.2	28.63
IOWA	11	IND	79.5	100.0	0.0	11231	3.25	10.0	27.30
IOWA	12	IOWA	556.2	73.4	24.3	9492	3.72	15.5	24.56
IOWA	14	OKLA	61.3	100.0	53.2	12450	3.23	12.1	33.83
IOWA	15	MO	489.9	99.9	8.2	9952	3.27	11.6	34.24
IOWA	15	OKLA	140.2	95.9	51.1	11886	3.70	14.0	36.35
IOWA	16	COLO	239.4	10.2	9.0	10104	0.36	7.9	45.62
IOWA	17	COLO	99.6	98.6	26.8	10541	0.42	5.7	36.98
IOWA	19	WYO	7823.5	97.0	0.4	8974	0.53	7.8	19.49
IOWA	20	UTAH	10.9	0.0	59.6	12548	0.48	7.3	50.42
IOWA	22	MONT	180.4	100.0	0.0	8630	0.71	10.5	23.26
TOTAL FOR IOWA			11845.7	93.0	7.9	9447	1.27	8.7	23.09
KAN	14	OKLA	5.3	100.0	100.0	11362	3.79	15.2	28.59
KAN	15	KAN	1229.7	100.0	7.7	9534	5.03	24.7	15.38
KAN	15	OKLA	933.7	100.0	42.4	12028	2.68	10.8	30.36
KAN	17	COLO	403.7	100.0	12.6	10754	0.57	10.4	29.77
KAN	19	WYO	6450.5	100.0	0.5	8795	0.40	6.2	16.68
KAN	20	UTAH	10.8	0.0	100.0	11097	0.51	13.0	34.13
KAN	22	MONT	5.8	100.0	0.0	8500	0.74	8.5	23.00
TOTAL FOR KAN			9039.4	99.9	6.5	9321	1.28	9.4	18.53
MINN	2	PA	7.2	0.0	100.0	12118	1.99	10.6	41.43
MINN	4	OHIO	8.3	3.5	0.0	12960	2.37	7.4	51.92
MINN	8	KY	20.8	94.8	100.0	12350	1.01	12.2	42.49
MINN	9	KY	5.4	46.7	100.0	12209	0.91	7.0	44.34
MINN	10	ILL	705.2	45.6	3.2	11504	2.80	9.4	32.29
MINN	13	TENN	44.5	57.6	4.2	12077	2.33	10.9	42.33
MINN	14	ARK	10.9	0.0	100.0	12765	2.00	10.6	38.17
MINN	14	OKLA	9.7	90.4	100.0	12635	3.23	11.1	43.42
MINN	15	OKLA	1.0	100.0	100.0	11300	3.90	15.5	42.67
MINN	21	N D	699.9	100.0	2.6	7051	0.65	7.1	12.64
MINN	22	MONT	11449.5	100.0	0.4	8732	0.80	9.3	17.04
TOTAL FOR MINN			12962.3	96.7	1.1	8822	0.91	9.2	17.84
MO	7	VA	34.0	0.0	100.0	12500	1.00	11.0	38.23
MO	8	KY	44.0	57.9	100.0	12500	1.00	9.9	38.18
MO	8	VA	639.0	0.0	43.3	12944	1.39	8.1	46.49
MO	9	KY	64.0	100.0	100.0	12000	1.30	7.0	36.78
MO	10	ILL	12083.8	83.6	0.9	11032	2.51	10.3	19.92
MO	11	IND	81.0	100.0	100.0	11000	1.10	9.0	33.37
MO	12	IOWA	1.4	100.0	0.0	9333	4.79	17.1	27.27
MO	14	OKLA	162.0	100.0	24.1	13500	1.50	7.0	43.37
MO	15	KAN	595.3	100.0	8.0	11436	4.00	15.8	24.74
MO	15	MO	4110.2	98.3	5.8	9873	4.78	18.8	18.31
MO	15	OKLA	1359.3	100.0	3.9	11701	3.91	13.1	23.62
MO	16	COLO	458.0	100.0	0.0	10700	0.30	7.5	37.32
MO	17	COLO	436.0	100.0	0.0	10012	0.32	8.4	37.96
MO	18	N M	279.0	100.0	0.0	10000	0.60	9.0	39.68
MO	19	WYO	2434.1	100.0	0.4	9378	0.53	9.2	26.83
MO	20	UTAH	1.0	0.0	0.0	11400	0.80	8.0	18.60
TOTAL FOR MO			22782.1	87.9	4.4	10737	2.67	11.8	22.72
NEB	15	OKLA	6.0	100.0	100.0	11202	0.56	7.6	37.78
NEB	16	COLO	141.3	99.3	100.0	10841	0.26	6.0	30.01
NEB	17	COLO	136.9	100.0	100.0	10709	0.54	9.5	29.93
NEB	19	WYO	3641.7	100.0	19.6	9312	0.56	7.3	19.43
NEB	20	UTAH	261.5	0.0	100.0	12173	0.84	8.4	39.43
TOTAL FOR NEB			4187.5	93.7	30.1	9590	0.56	7.4	21.41
N D	21	N D	9430.0	100.0	29.7	6678	0.63	9.9	6.19
N D	21	S D	168.3	100.0	0.0	6500	0.46	7.8	9.71
N D	22	MONT	3.3	100.0	0.0	8576	0.80	9.0	21.71
TOTAL FOR N D			9601.6	100.0	29.2	6675	0.62	9.8	6.25
S D	19	WYO	259.6	100.0	0.0	8033	0.44	6.3	11.18
S D	21	N D	2477.3	100.0	0.0	6152	0.70	7.3	8.00
TOTAL FOR S D			2736.9	100.0	0.0	6330	0.67	7.2	8.30
TOTAL FOR WEST NORTH CENTRAL REGION			73155.4	94.1	9.2	9250	1.49	9.9	18.62

DESTINATION AND ORIGIN OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL DESTINATION STATE	COAL SOURCE USBM DIST	COAL SOURCE STATE	DELIVERIES 1000 TONS	PCT OF DELIV SURFACE	PCT OF DELIV SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	AVG WT PCT ASH	AVG DELIV PRICE $ PER TON
DEL	1	PA	998.5	100.0	55.0	12365	1.72	12.3	33.19
DEL	8	W VA	12.4	100.0	0.0	12428	0.73	10.0	55.21
TOTAL FOR DEL			1010.9	100.0	54.4	12366	1.71	12.3	33.46
FLOR	8	KY	1843.3	57.7	0.6	12218	1.40	8.9	46.11
FLOR	8	TENN	20.3	100.0	83.6	12311	2.40	10.7	43.67
FLOR	9	KY	2381.5	70.3	4.3	11613	2.89	10.3	32.81
FLOR	10	ILL	1481.4	31.3	0.0	11770	2.53	9.8	39.40
FLOR	11	IND	47.9	67.0	0.0	11550	3.20	10.5	29.58
FLOR	13	ALA	530.0	78.8	73.9	12111	2.31	12.0	39.08
FLOR	14	OKLA	20.1	100.0	100.0	12684	2.77	11.2	36.96
FLOR	15	OKLA	53.6	100.0	100.0	12252	2.43	11.4	33.90
FLOR	*	POLAND	548.6	66.9	0.0	11874	0.84	10.8	36.27
FLOR	*	SOUTH AFRICA	965.7	8.1	7.0	11904	0.65	12.6	37.79
FLOR	*	AUSTRALIA	57.3	67.0	0.0	11700	0.50	11.0	36.39
TOTAL FOR FLOR			7949.5	53.2	8.3	11878	2.01	10.3	38.43
GA	4	OHIO	68.0	100.0	100.0	11140	2.26	11.7	30.67
GA	8	KY	8926.2	94.6	31.0	12210	1.52	11.6	34.18
GA	8	TENN	1633.2	41.5	12.5	12317	1.15	10.5	39.43
GA	8	VA	323.6	73.5	74.9	12377	1.20	11.5	37.00
GA	9	KY	2954.0	43.7	0.0	11499	2.51	9.6	33.25
GA	10	ILL	2962.9	91.5	0.0	11356	2.53	9.3	29.11
GA	11	IND	1631.2	100.0	4.3	10997	1.45	9.5	23.58
GA	13	ALA	713.1	100.0	0.0	12444	1.65	11.7	32.79
TOTAL FOR GA			19212.2	82.2	17.4	11883	1.79	10.7	32.78
MD	1	MD	1001.7	92.6	19.0	12050	1.46	13.7	34.51
MD	1	PA	3317.3	91.1	19.6	12274	1.52	12.5	33.89
MD	1	W VA	4.0	0.0	100.0	12567	2.00	14.0	33.10
MD	2	PA	336.0	61.0	100.0	12530	1.91	12.5	33.34
MD	3	W VA	770.0	49.7	31.0	12530	0.88	10.9	43.60
MD	8	W VA	13.0	100.0	100.0	12627	0.93	11.7	38.76
TOTAL FOR MD			5442.0	83.6	26.3	12286	1.44	12.5	35.36
N C	7	VA	115.5	19.3	63.6	12092	0.83	14.5	33.77
N C	7	W VA	190.0	50.7	38.8	12259	0.94	12.7	34.57
N C	8	KY	10849.4	32.1	8.2	12150	0.94	10.8	36.77
N C	8	TENN	405.3	19.0	10.4	12295	1.08	11.4	35.13
N C	8	VA	6377.9	42.6	6.9	12245	0.99	13.0	35.00
N C	8	W VA	3095.3	14.9	12.9	12146	0.84	13.7	32.04
TOTAL FOR N C			21033.4	32.6	9.1	12182	0.94	11.9	35.47
S C	8	KY	5357.7	43.3	12.0	12369	1.32	10.6	36.26
S C	8	TENN	20.0	58.6	68.5	12111	1.70	13.1	30.94
S C	8	VA	966.2	47.5	2.6	12362	1.29	12.7	34.66
S C	8	W VA	30.9	31.6	9.7	12508	1.30	10.1	35.86
TOTAL FOR S C			6374.7	43.9	10.8	12368	1.31	10.9	36.00
VA	1	W VA	1.0	0.0	100.0	13274	0.64	7.6	43.59
VA	3	W VA	199.0	0.0	100.0	12986	0.76	9.6	45.47
VA	7	VA	605.0	32.3	1.0	11682	0.87	16.8	36.18
VA	7	W VA	91.4	10.0	39.4	12552	0.94	11.8	37.17
VA	8	KY	1969.4	65.6	33.8	12573	0.95	9.6	44.12
VA	8	VA	2030.6	18.0	15.8	12262	0.79	14.9	40.63
VA	8	W VA	508.8	10.8	57.4	12604	0.85	10.3	40.78
TOTAL FOR VA			5405.2	35.5	28.1	12374	0.86	12.5	41.54
W VA	1	MD	255.0	39.6	100.0	11398	1.47	18.0	24.00
W VA	1	PA	17.7	100.0	30.9	10870	1.26	15.7	18.87
W VA	1	W VA	2465.0	41.7	7.5	11496	2.07	18.6	27.98
W VA	2	PA	55.7	100.0	67.3	11818	1.19	14.2	24.96
W VA	3	W VA	8670.2	42.9	10.5	12404	2.28	12.3	29.85
W VA	4	OHIO	374.1	100.0	0.0	11216	0.92	14.3	30.96
W VA	6	W VA	4006.4	0.0	0.0	11920	4.33	14.0	19.42
W VA	7	VA	418.0	38.1	0.0	11406	1.07	15.9	36.33
W VA	8	KY	2679.0	77.5	4.3	11856	0.96	12.2	38.10
W VA	8	VA	158.0	52.5	0.1	11375	1.06	15.3	36.84
W VA	8	W VA	8738.2	38.2	1.2	11757	0.80	14.0	34.41
TOTAL FOR W VA			27837.3	39.3	5.8	11950	1.91	13.8	30.49
TOTAL FOR SOUTH ATLANTIC REGION			94265.2	51.0	12.5	12058	1.55	12.1	34.06

DESTINATION AND ORIGIN OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL DESTINATION STATE	COAL SOURCE USBM DIST	COAL SOURCE STATE	DELIVERIES 1000 TONS	PCT OF DELIV SURFACE	PCT OF DELIV SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	AVG WT PCT ASH	AVG DELIV PRICE $ PER TON
ALA	2	PA	18.1	100.0	100.0	11847	2.21	13.1	28.62
ALA	4	OHIO	811.0	100.0	0.0	11597	2.12	11.8	34.74
ALA	7	W VA	217.9	0.0	7.0	12363	1.92	12.6	34.71
ALA	8	KY	1624.8	26.4	21.3	11778	1.30	11.6	39.94
ALA	8	TENN	359.4	95.9	100.0	12187	2.04	11.8	34.26
ALA	8	VA	10.1	100.0	100.0	11247	0.90	15.9	30.25
ALA	8	W VA	25.8	100.0	100.0	11815	0.74	13.2	36.54
ALA	9	KY	1884.0	10.7	0.8	11573	3.68	13.8	37.32
ALA	10	ILL	51.6	75.3	55.8	11566	2.14	9.1	28.74
ALA	11	IND	403.9	100.0	1.5	11031	1.72	10.2	30.60
ALA	13	ALA	12760.5	62.2	16.2	11954	1.41	13.5	34.94
ALA	13	GA	5.9	100.0	100.0	12000	2.40	14.1	26.83
ALA	13	TENN	391.6	49.9	79.7	12209	1.35	13.5	31.12
ALA	14	OKLA	7.8	100.0	100.0	12400	2.20	13.5	28.79
TOTAL FOR ALA			18572.4	56.2	17.3	11877	1.68	13.1	35.39
KY	3	W VA	1.5	0.0	100.0	12444	2.63	14.1	15.51
KY	4	OHIO	171.0	100.0	0.0	11226	2.42	15.4	26.90
KY	7	VA	0.8	100.0	100.0	10526	3.00	15.6	26.97
KY	7	W VA	323.2	76.1	0.3	12740	0.93	10.5	44.33
KY	8	KY	7958.6	79.3	31.1	11864	1.33	11.5	32.57
KY	8	TENN	160.0	77.2	100.0	11690	1.86	15.1	29.10
KY	8	VA	605.7	0.0	0.0	13416	0.62	6.4	53.90
KY	8	W VA	82.2	63.5	0.5	11614	0.99	13.8	29.88
KY	9	KY	13879.2	67.6	7.6	10838	3.80	14.5	20.45
KY	10	ILL	539.9	15.8	0.0	10437	3.22	16.9	25.90
KY	11	IND	1908.0	100.0	4.7	11082	2.80	9.7	21.09
KY	19	WYO	0.6	100.0	100.0	10526	3.00	15.6	22.04
TOTAL FOR KY			25630.7	71.3	14.8	11262	2.81	13.0	25.59
MISS	8	KY	621.7	69.3	7.0	11207	1.50	16.8	36.22
MISS	9	KY	248.8	100.0	100.0	11420	2.71	9.0	31.80
MISS	10	ILL	260.5	100.0	14.5	12052	2.57	11.1	24.71
MISS	13	ALA	685.5	100.0	21.2	12304	2.28	12.0	35.66
MISS	14	OKLA	7.3	100.0	100.0	12425	2.70	9.8	37.01
MISS	17	COLO	675.1	0.0	0.0	11478	0.56	9.7	48.32
MISS	20	UTAH	254.0	0.0	0.0	11827	0.50	7.9	52.66
TOTAL FOR MISS			2752.9	59.3	17.5	11706	1.59	11.8	39.08
TENN	2	PA	13.6	100.0	100.0	11843	2.38	14.5	28.59
TENN	4	OHIO	1993.8	99.7	0.7	11096	3.68	16.2	27.01
TENN	7	W VA	95.7	3.2	3.2	11682	2.42	14.9	35.22
TENN	8	KY	6913.3	61.1	4.5	11461	1.12	14.0	30.86
TENN	8	TENN	4407.4	41.6	6.4	11952	1.66	13.7	32.74
TENN	8	VA	532.2	11.8	18.0	12031	1.57	13.7	29.02
TENN	9	KY	10517.2	9.8	1.3	11370	3.11	12.3	31.88
TENN	10	ILL	483.4	14.7	0.0	11587	2.23	10.1	30.95
TENN	11	IND	522.7	100.0	3.7	11050	2.06	9.3	29.15
TENN	13	ALA	4.3	13.8	100.0	11582	1.72	16.4	24.60
TENN	13	TENN	3.1	89.2	89.2	12171	2.23	14.5	28.57
TENN	14	OKLA	5.4	100.0	100.0	12994	2.79	11.3	34.95
TENN	15	OKLA	2.7	100.0	100.0	13000	2.80	11.3	35.00
TOTAL FOR TENN			25494.7	38.3	3.5	11487	2.29	13.3	31.25
TOTAL FOR EAST SOUTH CENTRAL REGION			72450.7	55.4	11.6	11516	2.29	13.1	30.61
ARK	19	WYO	1557.0	100.0	0.0	8407	0.34	5.0	19.11
OKLA	19	WYO	4367.4	100.0	0.0	8704	0.38	5.2	20.02
TEX	15	TEX	24802.0	100.0	0.0	6559	0.73	11.7	7.58
TEX	17	COLO	33.1	100.0	0.0	10838	0.46	5.9	39.42
TEX	18	N M	76.0	100.0	0.0	9035	0.45	6.2	26.60
TEX	19	WYO	8640.5	100.0	0.0	8596	0.40	5.8	28.61
TEX	22	MONT	1609.0	100.0	0.0	9627	0.37	3.6	35.55
TEX	*	SOUTH AFRICA	41.7	100.0	100.0	10931	0.43	13.6	38.22
TOTAL FOR TEX			35202.3	100.0	0.1	7214	0.63	9.9	14.13
TOTAL FOR WEST SOUTH CENTRAL REGION			41126.7	100.0	0.1	7417	0.59	9.2	14.94

DESTINATION AND ORIGIN OF COAL DELIVERED TO STEAM-ELECTRIC PLANTS 25 MW OR GREATER
FOR CALENDAR YEAR 1979

COAL DESTINATION STATE	COAL SOURCE USBM DIST	COAL SOURCE STATE	DELIVERIES 1000 TONS	PCT OF DELIV SUBBCE	PCT OF DELIV SPOT	AVG HEAT VALUE BTU/LB	AVG WT PCT SULFUR	AVG WT PCT ASH	AVG DELIV PRICE $ PER TON
ARIZ	17	N M	327.6	100.0	0.0	12094	0.45	14.2	35.60
ARIZ	18	ARIZ	8006.7	100.0	0.0	10827	0.42	9.4	12.30
ARIZ	18	N M	3844.9	100.0	24.7	10039	0.45	13.4	24.16
TOTAL FOR ARIZ			12179.2	100.0	7.8	10612	0.43	10.8	16.67
COLO	17	COLO	6349.6	95.0	0.0	10838	0.46	9.1	16.28
COLO	19	WYO	3035.9	100.0	0.0	8653	0.40	5.3	12.89
TOTAL FOR COLO			9385.5	96.6	0.0	10131	0.44	7.9	15.18
MONT	22	MONT	3510.9	100.0	0.0	8528	0.70	8.7	6.14
NEV	18	ARIZ	3039.0	100.0	0.0	10879	0.68	11.3	19.95
NEV	18	N M	195.0	100.0	0.0	10952	0.70	11.5	17.17
NEV	20	UTAH	1107.6	0.0	20.9	11521	0.59	11.2	33.91
TOTAL FOR NEV			4341.6	74.5	5.3	11046	0.65	11.3	23.39
N M	18	N M	8676.3	100.0	0.0	8909	0.72	21.1	8.51
UTAH	20	UTAH	4246.0	0.0	0.0	11679	0.51	10.8	24.06
WYO	19	WYO	13425.1	100.0	2.3	8744	0.51	9.3	8.21
TOTAL FOR MOUNTAIN REGION			55764.5	89.8	2.7	9800	0.54	11.5	13.54
ORE	19	WYO	1.0	100.0	100.0	10027	0.53	3.5	34.67
WASH	23	WASH	4800.0	100.0	0.0	8100	0.87	16.0	13.55
TOTAL FOR PACIFIC REGION			4801.0	100.0	0.0	8100	0.87	16.0	13.55
NATIONAL TOTAL			556558.0	70.7	12.8	10685	1.73	11.6	26.15

* DENOTES IMPORTED COAL

5. QUANTITY OF COAL COMPLYING WITH 1979 AIR POLUTION CONTROL REGULATIONS FOR SULFUR

Methodology

The data presented in Chapter 5 are based on a comparison of the sulfur content of coal (on shipment-by-shipment basis) delivered to 384 power plants reporting coal deliveries on FPC Form 423 in 1979 with the respective plant sulfur regulations contained in the State Implementation Plans (SIP). The sulfur regulations used in this analysis were provided by the Environmental Protection Agency (EPA) and reflect SIP revisions recorded by EPA as of January 1979.

In some instances the units in which sulfur regulations are specified (e.g. pounds of sulfur per million Btu, pounds of SO2 per million Btu) differ from those used for reporting the sulfur content of coal on Form 423 (percent sulfur by weight). In such instances the sulfur content of the coal was converted to conform to the units specified in the sulfur regulation. In addition, for particular plants the sulfur regulations were calculated from available data in the SIP and does not reflect precisely the enforceable regulation for that plant. Such calculations were necessary in the following instances:

1. The sulfur regulations for coal-fired power plants in New York, Pennsylvania, Florida, Kentucky, New Jersey, South Dakota, Texas, Tennessee, and Wisconsin are enforced on an individual boiler basis. Where required (i.e. when a plant has multiple coal-fired boilers, each with a different sulfur limitation), an average limitation was computed for the entire plant.

2. Sulfur regulations for some plants in Arizona and Georgia and for all plants in Colorado, Illinois, Iowa, Kansas, Minnesota, Missouri, Montana, North Carolina, North Dakota, and Ohio are enforced on an individual stack basis. Where required, an average limitation was computed for the entire plant.

3. The sulfur regulations for some plants in Arkansas, Oklahoma, Missouri, Texas, Wisconsin, and Wyoming are stated in ambient air quality and actual emission is quite complex. It depends upon topography of the surrounding area, stack heights, exit temperature of the flue gas, wind and weather conditions. No violations of National Ambient Air Quality Standards (NAAQS) were detected in these areas in 1979; consequently, the sulfur dioxide emission for such plants were not regulated.

The study was performed with the aid of a computer. Based on the comparison of the coal's sulfur content with the plant's sulfur regulation, the total quantity of coal delivered to a power plant fell into one of the following categories:

1. All coal shipments to the plant met the 1979 sulfur regulations.

2. All coal shipments to the plant exceeded the 1979 sulfur regulations.

3. Some of the coal shipments met the sulfur regulation, while other shipments to the same plant exceeded the regulation.

Blending (i.e. mixing quantities of complying and noncomplying coal to reduce the average sulfur level) would not be reguired if each of the plant's coal shipments complied with sulfur limitations. Consequently, the quantity of coal complying with regulations "before blending" (column 5) remained the same "after blending" (column 9), and the averaged sulfur content of the complying coal represented the sulfur content of all coal shipments (column 4).

Blending would serve no useful purpose if each of the plant's coal shipments exceeded sulfur limitations. Consequently, the quantity of coal not complying with regulations "before blending" (column 7) remained the same "after blending" (column 10) and the weighted average sulfur content of the noncomplying coal represented the sulfur content of all coal shipments (column 4).

When the comparison of each shipment with SIP regulations revealed that some coal shipments to a plant met the sulfur regulations, while other shipments to the same plant did not meet the regulation, a blending routine was initiated to compute the weighted average sulfur content of the complying and noncomplying deliveries for a second comparison with the plant's sulfur regulation. If the average sulfur content did not exceed the sulfur regulation, full compliance was achieved (i.e. the quantities of coal complying or not complying to the regulation "before blending" were summed to show all shipments complying "after blending"), and the average sulfur content of the complying and noncomplying coal shipments represented the sulfur content of all shipments (column 4). If the average sulfur content of the complying and noncomplying coal to "salvage" as much of the noncomplying coal as possible, using the following equation:

$$I = \frac{R-C}{N-R} \times Q$$

Where:

I = the incremental tonnage of complying coal (thousand tons)
R = the plant's 1979 sulfur regulation
C = the weighted averaged sulfur content of the complying coal (same units as R)
N = the weighted average sulfur content of the noncomplying coal (same units as R)
Q = the quantity of complying coal (thousand tons)

The quantity of coal complying with the sulfur regulation "before blending" was increased by the value of "I" to reflect the new quantity of complying coal "after blending." This blending routine simply adds coal from the noncomplying tonnage (column 7) to the complying tonnage (column 5) until the blend has reached the sulfur limits of the SIP regulations; i.e., the addition of one more tons of noncomplying coal to the blend would push the sulfur content of the entire blend above the SIP standard. Thus, the sulfur content of the complying blend (column 9) equals the SIP sulfur regulations (column 2), while the sulfur content of the residual noncomplying tonnage (column 10) is the same as that shown (column 8) for the noncomplying quantity.

Compliance with SO2 emission standards can also be achieved by SO2 removal from stack gases by Flue Gas Desulfurization (FGD) systems. All operational FGD systems on coal-fired electric plants in 1979 are indicated by the number in parenthesis in column 11. The numbers in column 11 correspond to those in Table 28, Chapter 1 of this report, which is a description of the operation of FGD systems.

COAL TO PLANTS DURING 12 MONTHS ENDING 79/12
MEETING, OR NOT MEETING 1979 SULFUR REGULATIONS

COMPANY/PLANT NAME	1979 SULFUR REGULATION	TOTAL QUANTITY RECEIVED (1000 TONS)	TOTAL QUANTITY RECEIVED AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY NOT MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	AFTER BLENDING QUANTITY MEETING (1000 TONS)	AFTER BLENDING QUANTITY NOT MEETING (1000 TONS)	NUMBER REFERS TO TABLE 28, CHAPTER 1
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
ALABAMA ELEC COOP INC										
TOMBIGEE	4.000##	661.90	2.327	660.49	2.322	1.41	4.523	661.90	0.0	1
UTILITY TOTALS	-	661.90	-	660.49	-	1.41	-	661.90	0.0	
ALABAMA POWER CO (SC)										
BARRY	1.800##	958.40	1.554	789.84	1.416	168.56	2.199	958.40	0.0	
GASTON	1.200##	4720.21	3.103	51.74	0.830	4668.48	3.128	61.67	4658.54	
GADSDEN	4.000##	271.98	3.668	206.64	3.492	65.34	4.224	271.98	0.0	
GORGAS #2 & #3	4.000##	4471.61	2.140	4357.05	2.078	114.56	4.484	4471.61	0.0	
GREENE	4.000##	452.46	2.793	452.46	2.793	0.0	0.0	452.46	0.0	
MILLER	1.200##	725.73	1.049	724.71	1.049	1.03	1.204	725.73	0.0	
UTILITY TOTALS	-	11600.39	-	6582.44	-	5017.97	-	6941.85	4658.54	
AMES, CITY OF										
AMES	5.000##	175.33	5.740	74.63	0.819	100.70	9.387	145.76	29.57	
UTILITY TOTALS	-	175.33	-	74.63	-	100.70	-	145.76	29.57	
APPALACHIAN POWER (AEP)										
CLINCH RIVER	2.520##	1747.40	1.231	1743.70	1.227	3.70	2.910	1747.40	0.0	
GLEN LYN	2.880##	785.80	1.578	779.90	1.568	5.90	2.915	785.80	0.0	
KANAWHA RIVER	1.610##	998.50	1.288	998.50	1.288	0.0	0.0	998.50	0.0	
AMOS	2.010##	6989.60	1.363	6989.60	1.363	0.0	0.0	6989.60	0.0	
MOUNTAINEER	1.200##	159.80	1.056	157.90	1.053	1.90	1.305	159.80	0.0	
UTILITY TOTALS	-	10681.10	-	10669.60	-	11.50	-	10681.10	0.0	
ARIZONA ELECTRIC POWER COOP INC										
APACHE	1.000##	950.02	0.939	589.06	0.831	360.95	1.116	950.02	0.0	2
UTILITY TOTALS	-	950.02	-	589.06	-	360.95	-	950.02	0.0	
ARIZONA PUBLIC SERVICE										
CHOLLA	1.000##	1521.00	0.808	1521.00	0.808	0.0	0.0	1521.00	0.0	3
FOUR CORNERS	16.000**	6288.00	1.585	6288.00	1.585	0.0	0.0	6288.00	0.0	
UTILITY TOTALS	-	7809.00	-	7809.00	-	0.0	-	7809.00	0.0	
ASSOCIATED ELEC COOP-MISSOURI										
HILL	16.000**	1536.00	8.902	1536.00	8.902	0.0	0.0	1536.00	0.0	
MADRID	16.000**	2852.80	5.865	2852.80	5.865	0.0	0.0	2852.80	0.0	
UTILITY TOTALS	-	4388.80	-	4388.80	-	0.0	-	4388.80	0.0	
ATLANTIC CITY ELECTRIC										
ENGLAND	1.000*	635.84	2.980	0.0	0.0	635.84	2.980	0.0	635.84	
UTILITY TOTALS	-	635.84	-	0.0	-	635.84	-	0.0	635.84	
AUSTIN UTILITIES										
AUSTIN	2.000*	48.70	1.876	48.70	1.876	0.0	0.0	48.70	0.0	
UTILITY TOTALS	-	48.70	-	48.70	-	0.0	-	48.70	0.0	
BALTIMORE GAS & ELECTRIC										
WAGNER	1.000*	545.00	0.868	545.00	0.868	0.0	0.0	545.00	0.0	
UTILITY TOTALS	-	545.00	-	545.00	-	0.0	-	545.00	0.0	
BASIN ELECTRIC POWER COOP										
LELAND OLDS	3.000##	2804.00	1.635	2804.00	1.635	0.0	0.0	2804.00	0.0	
WM J NEAL	3.000##	273.47	1.209	273.47	1.209	0.0	0.0	273.47	0.0	
UTILITY TOTALS	-	3077.47	-	3077.47	-	0.0	-	3077.47	0.0	
BIG RIVERS RURAL ELEC COOP										
COLEMAN	5.200##	1642.00	4.820	1067.80	3.598	574.20	7.092	1642.00	0.0	
REID	6.000##	1276.40	6.516	432.50	4.096	843.90	7.757	901.19	375.21	
R D GREEN	1.200##	50.20	7.547	4.30	0.982	45.90	8.162	4.43	45.77	4
UTILITY TOTALS	-	2968.60	-	1504.60	-	1464.00	-	2547.62	420.98	
BLACK HILLS POWER & LIGHT										
BEN FRENCH	3.000##	101.70	1.111	101.70	1.111	0.0	0.0	101.70	0.0	
KIRK	3.000##	157.89	1.103	157.89	1.103	0.0	0.0	157.89	0.0	
NEIL SIMPSON	16.000**	114.46	1.090	114.46	1.090	0.0	0.0	114.46	0.0	
OSAGE	16.000**	245.60	1.102	245.60	1.102	0.0	0.0	245.60	0.0	
UTILITY TOTALS	-	619.65	-	619.65	-	0.0	-	619.65	0.0	
BURLINGTON ELECTRIC DEPARTMENT										
MORAN	1.000*	12.93	1.544	0.0	0.0	12.93	1.544	0.0	12.93	
UTILITY TOTALS	-	12.93	-	0.0	-	12.93	-	0.0	12.93	
CARDINAL OPERATING CO (AEP)										
CARDINAL	4.760##	4358.20	3.131	3441.80	2.555	916.40	5.295	4358.20	0.0	
UTILITY TOTALS	-	4358.20	-	3441.80	-	916.40	-	4358.20	0.0	
CAROLINA POWER & LIGHT										
ASHEVILLE	2.300##	885.20	1.645	843.60	1.599	41.60	2.585	885.20	0.0	
CAPE FEAR	2.300##	500.02	1.637	471.92	1.564	28.10	2.856	500.02	0.0	
ROBINSON	3.500##	366.40	2.466	363.70	2.457	2.70	3.635	366.40	0.0	
LEE	2.300##	702.12	1.568	678.02	1.533	24.10	2.544	702.12	0.0	
ROXBORO	2.300##	3823.19	1.154	3823.19	1.154	0.0	0.0	3823.19	0.0	
SUTTON	2.300##	797.98	1.470	721.68	1.319	76.29	2.902	797.98	0.0	
WEATHERSPOON	2.300##	241.90	1.503	240.20	1.490	1.70	3.343	241.90	0.0	
UTILITY TOTALS	-	7316.81	-	7142.31	-	174.49	-	7316.81	0.0	
CEDAR FALLS UTILITIES										
STREETER	5.000##	79.19	3.699	67.31	3.303	11.88	5.940	79.19	0.0	
UTILITY TOTALS	-	79.19	-	67.31	-	11.88	-	79.19	0.0	
CENTRAL ELEC PWR COOP-MISSOURI										
CHAMOIS	16.000**	74.00	6.672	74.00	6.672	0.0	0.0	74.00	0.0	
UTILITY TOTALS	-	74.00	-	74.00	-	0.0	-	74.00	0.0	

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NOTE: THE AVERAGE SULFUR CONTENTS IN COLUMNS (4), (6), AND (8) ARE GIVEN IN THE SAME UNITS AS IN COLUMN (2)

COAL TO PLANTS DURING 12 MONTHS ENDING 79/12
MEETING, OR NOT MEETING 1979 SULFUR REGULATIONS

COMPANY/PLANT NAME	1979 SULFUR REGULATION	TOTAL QUANTITY RECEIVED (1000 TONS)	TOTAL QUANTITY RECEIVED AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY NOT MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	AFTER BLENDING QUANTITY MEETING (1000 TONS)	AFTER BLENDING QUANTITY NOT MEETING (1000 TONS)	NUMBER REFERS TO TABLE 28, CHAPTER 1
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
CENTRAL ILLINOIS PUBLIC SERVICE										
COFFEEN	6.000##	2388.70	7.899	9.20	5.934	2379.50	7.907	9.52	2379.18	
GRAND TOWER	6.000##	467.80	5.353	443.70	5.312	24.10	6.103	467.80	0.0	
HUTSONVILLE	6.000##	395.40	3.323	385.20	3.247	10.20	6.189	395.40	0.0	
MEREDOSIA	1.200##	795.00	5.139	0.0	0.0	795.00	5.139	0.0	795.00	
NEWTON	1.200##	1402.00	4.909	165.20	0.923	1236.80	5.441	175.99	1226.01	
UTILITY TOTALS	-	5448.90	-	1003.30	-	4445.60	-	1048.71	4400.19	
CENTRAL ILLINOIS LIGHT										
DUCK CREEK	1.200##	1118.34	6.369	0.0	0.0	1118.34	6.369	0.0	1118.34	
EDWARDS	1.800##	1328.22	1.283	1328.22	1.283	0.0	0.0	1328.22	0.0	
WALLACE	1.800##	165.98	1.056	165.98	1.056	0.0	0.0	165.98	0.0	
UTILITY TOTALS	-	2612.54	-	1494.20	-	1118.34	-	1494.20	1118.34	
CENTRAL OPERATING CO (AEP)										
SPORN	3.300##	2200.80	1.680	2200.80	1.680	0.0	0.0	2200.80	0.0	
UTILITY TOTALS	-	2200.80	-	2200.80	-	0.0	-	2200.80	0.0	
CENTRAL POWER & LIGHT (CSW)										
COLETO CREEK	1.200##	74.80	0.815	74.80	0.815	0.0	0.0	74.80	0.0	
UTILITY TOTALS	-	74.80	-	74.80	-	0.0	-	74.80	0.0	
CENTRAL TELE AND UTIL CORP										
CLARK	16.000**	182.27	1.031	182.27	1.031	0.0	0.0	182.27	0.0	
UTILITY TOTALS	-	182.27	-	182.27	-	0.0	-	182.27	0.0	
CITY OF INDEPENDENCE PWR & LT										
BLUE VALLEY	16.000**	168.10	6.317	168.10	6.317	0.0	0.0	168.10	0.0	
UTILITY TOTALS	-	168.10	-	168.10	-	0.0	-	168.10	0.0	
CITY PUB SERV-SAN ANTONIO										
DEELEY	1.200##	2014.30	0.906	2014.30	0.906	0.0	0.0	2014.30	0.0	
UTILITY TOTALS	-	2014.30	-	2014.30	-	0.0	-	2014.30	0.0	
CITY UTILITIES OF SPRINGFIELD										
JAMES RIVER	16.000**	195.25	6.447	195.25	6.447	0.0	0.0	195.25	0.0	
SOUTHWEST	16.000**	238.03	6.483	238.03	6.483	0.0	0.0	238.03	0.0	
UTILITY TOTALS	-	433.28	-	433.28	-	0.0	-	433.28	0.0	
CLEVELAND ELECTRIC ILLUM CO										
ASHTABULA	5.000##	1112.18	6.388	245.70	4.097	866.48	7.038	354.56	757.62	
AVON LAKE	1.700##	2303.40	4.343	419.20	1.129	1884.20	5.058	490.48	1812.92	
EASTLAKE	1.400##	2546.94	5.384	292.26	1.207	2254.68	5.925	304.73	2242.21	
LAKE SHORE	1.900##	587.40	1.163	587.20	1.162	0.20	3.467	587.40	0.0	
UTILITY TOTALS	-	6545.97	-	1544.36	-	5005.56	-	1737.17	4812.75	
COLORADO SPRINGS DEPT PUB UTILS										
DRAKE	16.000**	1016.60	0.897	1016.60	0.897	0.0	0.0	1016.60	0.0	
NIXON	1.200##	217.30	0.884	217.30	0.884	0.0	0.0	217.30	0.0	
UTILITY TOTALS	-	1233.90	-	1233.90	-	0.0	-	1233.90	0.0	
COLORADO-UTE ELECTRIC ASSN										
HAYDEN	16.000**	1692.00	0.912	1692.00	0.912	0.0	0.0	1692.00	0.0	
NUCLA	16.000**	119.00	1.513	119.00	1.513	0.0	0.0	119.00	0.0	
UTILITY TOTALS	-	1811.00	-	1811.00	-	0.0	-	1811.00	0.0	
COLUMBIA WATER & LIGHT										
COLUMBIA	16.000**	72.83	7.390	72.83	7.390	0.0	0.0	72.83	0.0	
UTILITY TOTALS	-	72.83	-	72.83	-	0.0	-	72.83	0.0	
COLUMBUS & SOUTHERN OHIO ELEC										
CONESVILLE	5.660##	3551.70	7.892	35.80	5.440	3515.90	7.917	39.29	3512.41	
PICWAY	6.040##	188.10	7.488	19.90	4.918	168.20	7.792	32.64	155.46	
POSTON	3.720##	390.00	7.050	0.90	3.388	389.10	7.058	0.99	389.01	
UTILITY TOTALS	-	4129.80	-	56.60	-	4073.20	-	72.92	4056.88	
COMMONWEALTH EDISON-INDIANA										
STATE LINE	1.200##	1423.00	0.916	1423.00	0.916	0.0	0.0	1423.00	0.0	
UTILITY TOTALS	-	1423.00	-	1423.00	-	0.0	-	1423.00	0.0	
COMMONWEALTH EDISON										
FISK	1.800##	666.70	0.926	666.70	0.926	0.0	0.0	666.70	0.0	
CRAWFORD	1.800##	913.50	1.068	913.50	1.068	0.0	0.0	913.50	0.0	
JOLIET	1.800##	3747.00	1.052	3649.00	1.028	98.00	1.932	3747.00	0.0	
KINCAID	6.000##	2752.00	6.941	0.0	0.0	2752.00	6.941	0.0	2752.00	
POWERTON	1.800##	3978.00	1.573	3455.00	0.804	523.00	6.655	3978.00	0.0	
WAUKEGAN	1.800##	1721.00	0.954	1721.00	0.954	0.0	0.0	1721.00	0.0	
WILL COUNTY	1.800##	2158.40	0.954	2158.00	0.953	0.40	6.775	2158.40	0.0	
UTILITY TOTALS	-	15936.60	-	12563.20	-	3373.40	-	13184.60	2752.00	
CONSUMERS POWER										
COBB	1.500*	1647.85	2.577	469.40	0.839	1178.45	3.260	644.79	1003.06	
KARN/WEADOCK	1.500*	2284.48	2.235	722.73	0.836	1561.75	2.883	1069.72	1214.76	
CAMPBELL	1.500*	1542.10	2.181	119.50	0.772	1422.60	2.299	228.38	1313.72	
WHITING	1.500*	918.20	0.815	918.20	0.815	0.0	0.0	918.20	0.0	
UTILITY TOTALS	-	6392.63	-	2229.83	-	4162.80	-	2861.10	3531.53	
COOPERATIVE POWER ASSOC										
COAL CREEK	1.200##	1147.70	1.954	0.0	0.0	1147.70	1.954	0.0	1147.70	
UTILITY TOTALS	-	1147.70	-	0.0	-	1147.70	-	0.0	1147.70	
CORN BELT PWR COOP										
HUMBOLDT	5.000##	100.94	5.189	32.54	2.843	68.40	6.305	86.32	14.62	
WISDOM	5.000##	98.27	6.269	25.44	4.223	72.83	6.984	35.40	62.87	
UTILITY TOTALS	-	199.21	-	57.98	-	141.23	-	121.73	77.48	

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COAL TO PLANTS DURING 12 MONTHS ENDING 79/12
MEETING, OR NOT MEETING 1979 SULFUR REGULATIONS

COMPANY/PLANT NAME	1979 SULFUR REGULATION	TOTAL QUANTITY RECEIVED (1000 TONS)	TOTAL QUANTITY RECEIVED AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY NOT MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	AFTER BLENDING QUANTITY MEETING (1000 TONS)	AFTER BLENDING QUANTITY NOT MEETING (1000 TONS)	NUMBER REFERS TO TABLE 28, CHAPTER 1
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
CRAWFORDSVILLE ELEC LT & PWR										
CRAWFORDSVILLE	16.000**	3.00	7.306	3.00	7.306	0.0	0.0	3.00	0.0	
UTILITY TOTALS	-	3.00	-	3.00	-	0.0	-	3.00	0.0	
DAIRYLAND POWER COOPERATIVE										
ALMA	1.200##	615.00	4.048	131.10	0.788	483.90	4.931	145.58	469.42	
GENOA #3	16.000**	906.70	4.991	906.70	4.991	0.0	0.0	906.70	0.0	
STONEMAN	16.000**	151.20	5.438	151.20	5.438	0.0	0.0	151.20	0.0	
ALMA/MADGETT	1.200##	64.80	0.856	64.80	0.856	0.0	0.0	64.80	0.0	
UTILITY TOTALS	-	1737.70	-	1253.80	-	483.90	-	1268.28	469.42	
DANVILLE WTR GAS & ELEC										
BRANTLY	3.300*	17.99	0.990	17.99	0.990	0.0	0.0	17.99	0.0	
UTILITY TOTALS	-	17.99	-	17.99	-	0.0	-	17.99	0.0	
DELMARVA POWER & LIGHT										
INDIAN RIVER	16.000**	1010.90	2.772	1010.90	2.772	0.0	0.0	1010.90	0.0	
UTILITY TOTALS	-	1010.90	-	1010.90	-	0.0	-	1010.90	0.0	
DUKE POWER										
ALLEN	2.300##	2326.87	1.462	2283.76	1.439	43.11	2.702	2326.87	0.0	
BELEWS CREEK	2.300##	4605.26	1.497	4573.91	1.486	31.35	3.136	4605.26	0.0	
BUCK	2.300##	703.08	1.733	646.71	1.650	56.37	2.683	703.08	0.0	
CLIFFSIDE	2.300##	1248.27	2.244	610.29	1.577	637.98	2.882	1248.27	0.0	
DAN RIVER	2.300##	533.43	1.639	474.91	1.493	58.52	2.824	533.43	0.0	
LEE	2.300##	710.97	1.761	649.33	1.668	61.64	2.741	710.97	0.0	
MARSHALL	2.300##	4011.90	1.687	3722.32	1.628	289.58	2.442	4011.90	0.0	
RIVERBEND	2.300##	654.18	2.030	452.02	1.832	202.15	2.473	654.18	0.0	
UTILITY TOTALS	-	14793.96	-	13413.25	-	1380.70	-	14793.96	0.0	
DUQUESNE LIGHT										
ELRAMA	0.670##	1516.64	3.533	0.0	0.0	1516.64	3.533	0.0	1516.64	
PHILLIPS	0.700##	975.35	3.638	0.0	0.0	975.35	3.638	0.0	975.35	
CHESWICK	0.600##	1328.17	2.956	0.0	0.0	1328.17	2.956	0.0	1328.17	
UTILITY TOTALS	-	3820.16	-	0.0	-	3820.16	-	0.0	3820.16	10
EAST KENTUCKY RURAL ELEC COOP										
COOPER	3.200##	818.70	2.415	815.70	2.411	3.00	3.464	818.70	0.0	
DALE	1.800##	275.00	1.377	275.00	1.377	0.0	0.0	275.00	0.0	
SPURLOCK	1.200##	555.10	2.140	2.00	1.146	553.10	2.144	2.11	552.99	
UTILITY TOTALS	-	1648.80	-	1092.70	-	556.10	-	1095.81	552.99	
EASTERN IOWA LT & PWR										
FAIR	6.000##	110.53	5.144	110.53	5.144	0.0	0.0	110.53	0.0	
UTILITY TOTALS	-	110.53	-	110.53	-	0.0	-	110.53	0.0	
ELECTRIC ENERGY										
JOPPA	6.000##	3084.00	3.612	3082.00	3.610	2.00	6.162	3084.00	0.0	
UTILITY TOTALS	-	3084.00	-	3082.00	-	2.00	-	3084.00	0.0	
EMPIRE DIST ELECTRIC										
RIVERTON	16.000**	215.44	2.986	215.44	2.986	0.0	0.0	215.44	0.0	
ASBURY	16.000**	610.80	9.231	610.80	9.231	0.0	0.0	610.80	0.0	
UTILITY TOTALS	-	826.24	-	826.24	-	0.0	-	826.24	0.0	
FLORIDA POWER CORP										
CRYSTAL RIVER	6.170##	1559.37	2.791	1559.37	2.791	0.0	0.0	1559.37	0.0	
UTILITY TOTALS	-	1559.37	-	1559.37	-	0.0	-	1559.37	0.0	
FREMONT DEPT OF PUB UTILS										
WRIGHT	2.500##	248.90	0.742	248.90	0.742	0.0	0.0	248.90	0.0	
UTILITY TOTALS	-	248.90	-	248.90	-	0.0	-	248.90	0.0	
GEORGIA POWER (SOUTHERN CO)										
ARKWRIGHT	0.310*	366.10	1.801	0.0	0.0	366.10	1.801	0.0	366.10	
ATKINSON	0.200*	877.40	1.755	0.0	0.0	877.40	1.755	0.0	877.40	
HAMMOND	3.000*	1634.50	1.701	1573.80	1.647	60.70	3.103	1634.50	0.0	
HARLLEE BRANCH	3.000*	1998.60	0.999	1998.60	0.999	0.0	0.0	1998.60	0.0	
MITCHELL	0.160*	433.00	1.235	0.0	0.0	433.00	1.235	0.0	433.00	
WANSLEY	3.000*	4783.20	2.034	4424.20	1.944	359.00	3.148	4783.20	0.0	
YATES	0.240*	2645.50	1.826	0.0	0.0	2645.50	1.826	0.0	2645.50	
BOWEN	3.000*	6145.30	1.945	6145.30	1.945	0.0	0.0	6145.30	0.0	
UTILITY TOTALS	-	18883.60	-	14141.90	-	4741.70	-	14561.60	4322.00	
GREENWOOD UTILS										
HENDERSON STATIO	4.800##	61.00	1.661	61.00	1.661	0.0	0.0	61.00	0.0	
UTILITY TOTALS	-	61.00	-	61.00	-	0.0	-	61.00	0.0	
GULF POWER										
CRIST	1.500##	1582.00	4.318	96.60	1.194	1485.40	4.521	106.38	1475.62	
SCHOLTZ	6.170##	180.70	4.546	156.70	4.020	24.00	7.977	180.70	0.0	
SMITH	6.170##	825.20	1.194	825.20	1.194	0.0	0.0	825.20	0.0	
UTILITY TOTALS	-	2587.90	-	1078.50	-	1509.40	-	1112.28	1475.62	
HAMILTON, CITY OF										
HAMILTON	1.400##	197.36	1.495	150.67	1.181	46.69	2.507	180.48	16.88	
UTILITY TOTALS	-	197.36	-	150.67	-	46.69	-	180.48	16.88	
HENDERSON MUNICIPAL PWR & LT										
HENDERSON	5.200##	138.00	4.146	138.00	4.146	0.0	0.0	138.00	0.0	
UTILITY TOTALS	-	138.00	-	138.00	-	0.0	-	138.00	0.0	
HOLLAND BOARD OF PUBLIC WKS										
JAMES DE YOUNG	1.500*	154.00	1.313	87.10	0.938	66.90	1.801	154.00	0.0	
UTILITY TOTALS	-	154.00	-	87.10	-	66.90	-	154.00	0.0	

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NOTE: THE AVERAGE SULFUR CONTENTS IN COLUMNS (4), (6), AND (8) ARE GIVEN IN THE SAME UNITS AS IN COLUMN (2)

COAL TO PLANTS DURING 12 MONTHS ENDING 79/12
MEETING, OR NOT MEETING 1979 SULFUR REGULATIONS

COMPANY/PLANT NAME	1979 SULFUR REGULATION	TOTAL QUANTITY RECEIVED (1000 TONS)	TOTAL QUANTITY RECEIVED AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY NOT MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	AFTER BLENDING QUANTITY MEETING (1000 TONS)	AFTER BLENDING QUANTITY NOT MEETING (1000 TONS)	NUMBER REFERS TO TABLE 28, CHAPTER 1
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
HOOSIER ENERGY DIV-INDIANA REC										
FRANK E RATTS	16.000**	760.10	6.648	760.10	6.648	0.0	0.0	760.10	0.0	
UTILITY TOTALS	-	760.10	-	760.10	-	0.0	-	760.10	0.0	
HOUSTON LIGHTING & POWER										
PARISH	3.000##	2816.20	1.005	2816.20	1.005	0.0	0.0	2816.20	0.0	
UTILITY TOTALS	-	2816.20	-	2816.20	-	0.0	-	2816.20	0.0	
ILLINOIS POWER										
HAVANA	1.800##	593.85	0.870	593.85	0.870	0.0	0.0	593.85	0.0	
HENNEPIN	6.000##	813.60	4.679	801.49	4.654	12.11	6.349	813.60	0.0	
VERMILION	6.000##	461.49	5.568	361.47	5.266	100.02	6.659	461.49	0.0	
WOOD RIVER	1.800##	811.65	1.119	811.65	1.119	0.0	0.0	811.65	0.0	
BALDWIN	1.800##	5002.95	5.470	218.41	1.297	4784.53	5.660	246.87	4756.08	
UTILITY TOTALS	-	7683.54	-	2786.87	-	4896.66	-	2927.46	4756.08	
INDIANA & MICHIGAN ELEC (AEP)										
BREED	16.000**	959.00	6.755	959.00	6.755	0.0	0.0	959.00	0.0	
TANNERS CREEK	1.200##	2446.50	4.286	1091.80	0.940	1354.70	6.982	1140.89	1305.61	
UTILITY TOTALS	-	3405.50	-	2050.80	-	1354.70	-	2099.89	1305.61	
INDIANA-KENTUCKY ELECTRIC CORP										
CLIFTY CREEK	1.200##	3842.00	7.216	0.0	0.0	3842.00	7.216	0.0	3842.00	
UTILITY TOTALS	-	3842.00	-	0.0	-	3842.00	-	0.0	3842.00	
INDIANAPOLIS POWER & LIGHT										
STOUT	1.200##	1592.00	3.172	0.0	0.0	1592.00	3.172	0.0	1592.00	
PRITCHARD	16.000**	541.00	3.953	541.00	3.953	0.0	0.0	541.00	0.0	
PERRY	2.220##	391.00	4.069	37.00	1.945	354.00	4.291	41.91	349.09	
PETERSBURG	16.000**	2986.00	5.740	2986.00	5.740	0.0	0.0	2986.00	0.0	
UTILITY TOTALS	-	5510.00	-	3564.00	-	1946.00	-	3568.91	1941.09	11
INTERSTATE POWER										
DUBUQUE	6.000##	175.10	4.966	124.40	4.341	50.70	6.499	175.10	0.0	
FOX LAKE	2.000*	67.00	0.710	67.00	0.710	0.0	0.0	67.00	0.0	
LANSING	5.000##	721.90	2.350	601.30	1.655	120.60	5.815	721.90	0.0	
KAPP	6.000##	444.70	5.290	301.00	4.732	143.70	6.458	444.70	0.0	
UTILITY TOTALS	-	1408.70	-	1093.70	-	315.00	-	1408.70	0.0	
IOWA ELECTRIC LIGHT & POWER										
BOONE	5.000##	14.20	6.804	3.20	4.974	11.00	7.337	3.24	10.96	
6TH ST	6.000##	118.00	4.007	117.00	3.990	1.00	6.045	118.00	0.0	
PRAIRE CREEK #4	6.000##	441.10	3.422	415.10	3.212	26.00	6.781	441.10	0.0	
SUTHERLAND	5.000##	399.40	8.183	0.40	4.820	399.00	8.186	0.42	398.98	
UTILITY TOTALS	-	972.70	-	535.70	-	437.00	-	562.76	409.94	
IOWA-ILLINOIS GAS & ELECTRIC										
RIVERSIDE	6.000##	469.30	5.075	459.20	5.049	10.10	6.234	469.30	0.0	
UTILITY TOTALS	-	469.30	-	459.20	-	10.10	-	469.30	0.0	
IOWA PUBLIC SERVICE										
GEORGE NEAL	5.000##	2616.10	0.972	2610.30	0.961	5.80	5.757	2616.10	0.0	
MAYNARD	5.000##	34.40	0.860	34.40	0.860	0.0	0.0	34.40	0.0	
NEAL#3	5.000##	1923.00	1.545	1923.00	1.545	0.0	0.0	1923.00	0.0	
UTILITY TOTALS	-	4573.50	-	4567.70	-	5.80	-	4573.50	0.0	
IOWA POWER & LIGHT										
COUNCIL BLUFFS	5.000##	2562.60	0.897	2562.60	0.897	0.0	0.0	2562.60	0.0	
DES MOINES	5.000##	462.19	4.123	270.75	2.252	191.44	6.769	462.19	0.0	
UTILITY TOTALS	-	3024.79	-	2833.35	-	191.44	-	3024.79	0.0	
IOWA SOUTHERN UTILITIES										
BRIDGEPORT	5.000##	7.70	5.524	4.70	4.733	3.00	6.764	5.41	2.29	
BURLINGTON	6.000##	451.60	4.784	451.60	4.784	0.0	0.0	451.60	0.0	
UTILITY TOTALS	-	459.30	-	456.30	-	3.00	-	457.01	2.29	
JAMESTOWN BD OF PUB UTILS										
SAMUEL A CARLSON	1.900#	88.81	1.806	68.31	1.473	20.50	2.916	88.81	0.0	
UTILITY TOTALS	-	88.81	-	68.31	-	20.50	-	88.81	0.0	
KANSAS CITY POWER & LIGHT										
GRAND AVE	16.000**	149.80	6.542	149.80	6.542	0.0	0.0	149.80	0.0	
HAWTHORNE	16.000**	1196.50	3.256	1196.50	3.256	0.0	0.0	1196.50	0.0	
LA CYGNE	1.500#	3204.40	2.240	2056.30	0.421	1148.10	5.498	2611.26	593.14	
MONTROSE	16.000**	1802.20	11.297	1802.20	11.297	0.0	0.0	1802.20	0.0	
TATAN	1.200##	412.20	0.869	412.20	0.869	0.0	0.0	412.20	0.0	
UTILITY TOTALS	-	6765.10	-	5617.00	-	1148.10	-	6171.96	593.14	12
KANSAS CITY BD PUB UTILS (CTU)										
KAW	1.500#	374.61	2.770	13.14	1.416	361.46	2.819	13.98	360.63	
QUINDARO	1.500#	356.59	2.624	18.59	1.345	338.00	2.694	21.00	335.59	
UTILITY TOTALS	-	731.20	-	31.73	-	699.46	-	34.98	696.22	
KENTUCKY POWER (AEP)										
BIG SANDY	6.000##	2132.00	2.106	2132.00	2.106	0.0	0.0	2132.00	0.0	
UTILITY TOTALS	-	2132.00	-	2132.00	-	0.0	-	2132.00	0.0	
KENTUCKY UTILITIES										
BROWN	6.000##	1513.68	4.133	1215.29	3.401	298.39	7.114	1513.68	0.0	
GHENT	6.000##	2400.61	3.372	2400.61	3.372	0.0	0.0	2400.61	0.0	
GREEN RIVER	5.200##	301.04	3.996	251.91	3.573	49.13	6.165	301.04	0.0	
PINEVILLE	1.800##	28.06	1.678	16.29	1.561	11.77	1.840	28.06	0.0	13
TYRONE	1.800##	27.61	1.400	26.26	1.379	1.35	1.812	27.61	0.0	
UTILITY TOTALS	-	4271.00	-	3910.36	-	360.64	-	4271.00	0.0	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
LAKE SUPERIOR DIST POWER										
BAY FRONT	1.200##	116.90	2.284	4.90	0.697	112.01	2.353	7.04	109.86	
UTILITY TOTALS	-	116.90	-	4.90	-	112.01	-	7.04	109.86	
LANSING BD OF WTR & LT										
ECKERT	1.500*	608.20	1.014	458.40	0.779	149.90	1.735	608.20	0.0	
ERICKSON	1.500*	462.50	1.990	114.60	0.827	347.90	2.373	202.95	259.55	
OTTAWA	1.500*	51.50	1.035	33.00	0.654	18.50	1.716	51.50	0.0	
UTILITY TOTALS	-	1122.20	-	606.00	-	516.20	-	862.65	259.55	
LOGANSPORT INDIANA ELECTRIC DEPT										
LOGANSPORT	16.000**	67.50	3.204	67.50	3.204	0.0	0.0	67.50	0.0	
UTILITY TOTALS	-	67.50	-	67.50	-	0.0	-	67.50	0.0	
LOUISVILLE GAS & ELECTRIC										
CANE RUN	1.200##	1634.00	6.097	0.0	0.0	1634.00	6.097	0.0	1634.00	
PADDYS RUN	1.200##	88.20	6.494	0.0	0.0	88.20	6.494	0.0	88.20	
MILL CREEK	1.200##	2234.90	6.484	0.0	0.0	2234.90	6.484	0.0	2234.90	
UTILITY TOTALS	-	3957.10	-	0.0	-	3957.10	-	0.0	3957.10	14
LOWER COLORADO RIVER AUTHORITY										
SAM SEYMOUR/FAYE	1.200##	1609.00	0.769	1609.00	0.769	0.0	0.0	1609.00	0.0	
UTILITY TOTALS	-	1609.00	-	1609.00	-	0.0	-	1609.00	0.0	
MADISON GAS & ELECTRIC										
BLOUNT	16.000**	199.40	5.357	199.40	5.357	0.0	0.0	199.40	0.0	
UTILITY TOTALS	-	199.40	-	199.40	-	0.0	-	199.40	0.0	
MANITOWOC PUBLIC UTILITIES										
MANITOWOC	1.200##	58.31	1.787	4.35	1.076	53.95	1.845	5.19	53.12	
UTILITY TOTALS	-	58.31	-	4.35	-	53.95	-	5.19	53.12	
MARQUETTE BD OF LT & PWR										
SHIRAS	2.000*	128.20	1.509	128.20	1.509	0.0	0.0	128.20	0.0	
UTILITY TOTALS	-	128.20	-	128.20	-	0.0	-	128.20	0.0	
MARSHALL MUN UTIL										
MARSHALL	16.000**	11.00	7.164	11.00	7.164	0.0	0.0	11.00	0.0	
UTILITY TOTALS	-	11.00	-	11.00	-	0.0	-	11.00	0.0	
MARSHFIELD ELEC & WTR DEPT										
WILDWOOD	1.200##	73.10	4.283	0.0	0.0	73.10	4.283	0.0	73.10	
UTILITY TOTALS	-	73.10	-	0.0	-	73.10	-	0.0	73.10	
MENASHA ELEC & WTR UTILITIES										
MENASHA	16.000**	39.66	3.396	39.66	3.396	0.0	0.0	39.66	0.0	
UTILITY TOTALS	-	39.66	-	39.66	-	0.0	-	39.66	0.0	
METROPOLITAN EDISON (GPU)										
PORTLAND	1.800##	778.19	3.490	3.50	1.626	774.69	3.498	3.86	774.33	
TITUS	2.030##	579.82	1.923	363.14	1.680	216.68	2.331	579.82	0.0	
UTILITY TOTALS	-	1358.01	-	366.64	-	991.37	-	583.68	774.33	
MICHIGAN ST UNIVERSITY										
PLANT #65	2.000*	164.75	0.850	164.75	0.850	0.0	0.0	164.75	0.0	
UTILITY TOTALS	-	164.75	-	164.75	-	0.0	-	164.75	0.0	
MINNESOTA POWER & LIGHT										
AURORA	2.000*	334.10	1.082	334.10	1.082	0.0	0.0	334.10	0.0	
BOSWELL	2.000*	2449.50	0.870	2449.50	0.870	0.0	0.0	2449.50	0.0	
UTILITY TOTALS	-	2783.60	-	2783.60	-	0.0	-	2783.60	0.0	
MINNKOTA POWER COOP										
YOUNG	3.000##	3886.81	2.050	3886.81	2.050	0.0	0.0	3886.81	0.0	
UTILITY TOTALS	-	3886.81	-	3886.81	-	0.0	-	3886.81	0.0	
MISSISSIPPI POWER (SOUTHERN CO)										
JACKSON COUNTY	1.200##	929.10	0.937	929.10	0.937	0.0	0.0	929.10	0.0	
WATSON	2.400##	1184.70	4.172	0.0	0.0	1184.70	4.172	0.0	1184.70	
UTILITY TOTALS	-	2113.80	-	929.10	-	1184.70	-	929.10	1184.70	
MISSOURI PUBLIC SERVICE										
SIBLEY	16.000**	816.19	5.905	816.19	5.905	0.0	0.0	816.19	0.0	
UTILITY TOTALS	-	816.19	-	816.19	-	0.0	-	816.19	0.0	
MONONGAHELA POWER (APS)										
ALBRIGHT	4.420##	947.93	2.658	947.93	2.658	0.0	0.0	947.93	0.0	
FT MARTIN	3.200##	2917.46	3.055	1068.61	1.439	1848.85	3.989	2917.46	0.0	
PLEASANTS	1.200##	1190.01	4.433	6.27	0.938	1183.75	4.451	6.78	1183.23	
RIVESVILLE	3.930##	376.27	2.221	375.69	2.218	0.58	4.302	376.27	0.0	
WILLOW ISLAND	3.760##	544.08	2.143	525.09	2.076	18.99	3.987	544.08	0.0	
HARRISON	4.110##	3234.45	3.968	1076.28	2.630	2158.16	4.635	3234.45	0.0	
UTILITY TOTALS	-	9210.20	-	3999.87	-	5210.33	-	8026.97	1183.23	
MONTANA-DAKOTA UTILITIES										
HESKETT	3.000##	484.50	1.918	484.50	1.918	0.0	0.0	484.50	0.0	
LEWIS & CLARK	1.000#	303.90	0.738	283.00	0.711	20.90	1.104	303.90	0.0	
UTILITY TOTALS	-	788.40	-	767.50	-	20.90	-	788.40	0.0	
MOORHEAD PUB SERV DEPT										
MOORHEAD	2.000*	161.87	0.560	161.87	0.560	0.0	0.0	161.87	0.0	
UTILITY TOTALS	-	161.87	-	161.87	-	0.0	-	161.87	0.0	
MUSCATINE PWR & WTR										
MUSCATINE	6.000##	339.36	5.076	339.36	5.076	0.0	0.0	339.36	0.0	
UTILITY TOTALS	-	339.36	-	339.36	-	0.0	-	339.36	0.0	

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(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
NEBRASKA PUBLIC POWER SYS										
GERALD GENTLEMAN	1.200##	1298.17	0.884	1298.17	0.884	0.0	0.0	1298.17	0.0	
KRAMER	2.500##	253.61	0.917	253.61	0.917	0.0	0.0	253.61	0.0	
SHELDON	2.500##	366.17	1.298	366.17	1.298	0.0	0.0	366.17	0.0	
UTILITY TOTALS	-	1917.95	-	1917.95	-	0.0	-	1917.95	0.0	
NEVADA POWER										
GARDNER	0.150#	1107.60	0.510	0.0	0.0	1107.60	0.510	0.0	1107.60	17
UTILITY TOTALS	-	1107.60	-	0.0	-	1107.60	-	0.0	1107.60	
NEW ENGLAND POWER (NEES)										
SALEM HARBOR	1.200##	2.00	3.896	0.0	0.0	2.00	3.896	0.0	2.00	
UTILITY TOTALS	-	2.00	-	0.0	-	2.00	-	0.0	2.00	
NEW YORK ST ELEC & GAS										
GOUDEY	1.900#	436.60	1.632	305.50	1.369	131.10	2.244	436.60	0.0	
GREENIDGE	1.900#	537.20	1.708	414.90	1.566	122.30	2.189	537.20	0.0	
HICKLING	1.900#	347.30	0.903	347.30	0.903	0.0	0.0	347.30	0.0	
JENNISON	1.900#	287.52	0.790	287.52	0.790	0.0	0.0	287.52	0.0	
MILLIKEN	1.900#	796.60	1.517	754.40	1.477	42.20	2.238	796.60	0.0	
UTILITY TOTALS	-	2405.22	-	2109.62	-	295.60	-	2405.22	0.0	
NIAGRA-MOHAWK POWER										
HUNTLEY	1.400#	1550.00	1.194	1122.00	1.091	428.00	1.463	1550.00	0.0	
DUNKIRK	1.900#	1459.00	1.690	1019.00	1.529	440.00	2.063	1459.00	0.0	
UTILITY TOTALS	-	3009.00	-	2141.00	-	868.00	-	3009.00	0.0	
NORTHERN INDIANA PUBLIC SERVICE										
BAILLY	16.000**	1017.80	5.581	1017.80	5.581	0.0	0.0	1017.80	0.0	
MITCHELL	1.200##	1342.60	1.799	909.90	0.780	432.70	3.942	1049.27	293.33	18
MICHIGAN CITY	1.200##	1894.10	4.650	0.0	0.0	1894.10	4.650	0.0	1894.10	
SCHAHFER	1.200##	1090.90	1.879	152.90	1.117	938.00	2.003	168.70	922.20	
UTILITY TOTALS	-	5345.40	-	2080.60	-	3264.80	-	2235.78	3109.62	
NORTHERN MICHIGAN ELECTRIC COOP										
ADVANCE	2.000*	105.73	1.675	81.39	1.538	24.34	2.134	105.73	0.0	
UTILITY TOTALS	-	105.73	-	81.39	-	24.34	-	105.73	0.0	
NORTHERN STATES POWER										
BLACK DOG	1.500*	662.80	1.291	542.70	0.842	120.10	3.322	662.80	0.0	
HIGH BRIDGE	1.500*	597.50	1.181	510.50	0.794	87.00	3.450	597.50	0.0	
KING	1.500*	1270.20	1.140	1082.30	0.762	187.90	3.315	1270.20	0.0	
MINN VALLEY	2.000*	44.70	0.894	42.80	0.800	1.90	3.000	44.70	0.0	
RIVERSIDE	1.500*	776.30	0.800	776.30	0.800	0.0	0.0	776.30	0.0	
SHERBURN CTY	2.000*	5401.60	0.756	5401.60	0.756	0.0	0.0	5401.60	0.0	19
WILMARTH	16.000**	18.50	1.330	18.50	1.330	0.0	0.0	18.50	0.0	
UTILITY TOTALS	-	8771.60	-	8374.70	-	396.90	-	8771.60	0.0	
OHIO EDISON										
EDGEWATER	1.700##	381.10	4.250	30.90	1.547	350.20	4.488	32.60	348.50	
GORGE STEAM	2.560##	286.90	5.704	7.50	1.541	279.40	5.816	9.85	277.05	
MAD RIVER	4.620##	150.52	1.737	150.52	1.737	0.0	0.0	150.52	0.0	
NILES	5.410##	533.20	5.192	342.50	4.478	190.70	6.474	533.20	0.0	
BURGER	16.000**	1441.70	6.009	1441.70	6.009	0.0	0.0	1441.70	0.0	
TORONTO	8.100##	551.90	5.339	551.90	5.339	0.0	0.0	551.90	0.0	
SAMMIS	2.910##	3740.53	3.929	1127.90	1.980	2612.63	4.771	1691.55	2048.98	
NORWALK	8.000##	20.60	7.088	15.40	6.460	5.20	8.946	20.60	0.0	
UTILITY TOTALS	-	7106.45	-	3668.32	-	3438.13	-	4431.91	2674.54	
OHIO ELEC CO (AEP)										
GAVIN	9.500##	9163.20	4.906	9155.60	4.902	7.60	10.276	9163.20	0.0	
UTILITY TOTALS	-	9163.20	-	9155.60	-	7.60	-	9163.20	0.0	
OHIO POWER (AEP)										
KAMMER	3.200##	1992.90	7.240	0.0	0.0	1992.90	7.240	0.0	1992.90	
MUSKINGUM	6.480##	3817.30	9.897	60.90	5.642	3756.40	9.966	75.54	3741.76	
MITCHELL	3.120##	3263.50	5.382	1250.00	2.324	2013.50	7.280	1489.13	1774.32	
UTILITY TOTALS	-	9073.70	-	1310.90	-	7762.80	-	1564.72	7508.98	
OHIO VALLEY ELECTRIC COOP										
KYGER CREEK	8.200##	3159.00	6.827	3142.00	6.817	17.00	8.703	3159.00	0.0	
UTILITY TOTALS	-	3159.00	-	3142.00	-	17.00	-	3159.00	0.0	
OKLAHOMA GAS & ELECTRIC										
MUSKOGEE	1.200##	1978.70	0.870	1969.77	0.865	8.93	1.937	1978.70	0.0	
SOONER	1.200##	1439.09	0.870	1439.09	0.870	0.0	0.0	1439.09	0.0	
UTILITY TOTALS	-	3417.79	-	3408.86	-	8.93	-	3417.79	0.0	
OMAHA PUBLIC POWER DISTRICT										
NORTH OMAHA	2.500##	1231.00	1.667	1231.00	1.667	0.0	0.0	1231.00	0.0	
NEBRASKA CITY	1.200##	789.61	0.899	789.61	0.899	0.0	0.0	789.61	0.0	
UTILITY TOTALS	-	2020.61	-	2020.61	-	0.0	-	2020.61	0.0	
ORRVILLE MUNICIPAL UTILITIES										
VINE STREET	7.000##	109.00	6.087	109.00	6.087	0.0	0.0	109.00	0.0	
UTILITY TOTALS	-	109.00	-	109.00	-	0.0	-	109.00	0.0	
OTTER TAIL POWER										
BIG STONE	3.000##	2477.30	2.260	2477.30	2.260	0.0	0.0	2477.30	0.0	
HOOT LAKE	2.000*	519.50	0.687	519.50	0.687	0.0	0.0	519.50	0.0	
UTILITY TOTALS	-	2996.80	-	2996.80	-	0.0	-	2996.80	0.0	
OWENSBORO MUNICIPAL UTILITIES										
SMITH	6.000##	984.00	5.190	984.00	5.190	0.0	0.0	984.00	0.0	
UTILITY TOTALS	-	984.00	-	984.00	-	0.0	-	984.00	0.0	

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#-POUNDS OF SULFUR/MILLION BTU
##-POUNDS OF SO2/MILLION BTU
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NOTE: THE AVERAGE SULFUR CONTENTS IN COLUMNS (4), (6), AND (8) ARE GIVEN IN THE SAME UNITS AS IN COLUMN (2)

COAL TO PLANTS DURING 12 MONTHS ENDING 79/12
MEETING, OR NOT MEETING 1979 SULFUR REGULATIONS

COMPANY/PLANT NAME	1979 SULFUR REGULATION	TOTAL QUANTITY RECEIVED (1000 TONS)	TOTAL QUANTITY RECEIVED AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY NOT MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	AFTER BLENDING QUANTITY MEETING (1000 TONS)	AFTER BLENDING QUANTITY NOT MEETING (1000 TONS)	NUMBER REFERS TO TABLE 28, CHAPTER 1
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
PACIFIC POWER & LIGHT										
CENTRALIA	5.970##	4800.00	2.160	4800.00	2.160	0.0	0.0	4800.00	0.0	
JIM BRIDGER	16.000**	5061.00	1.162	5061.00	1.162	0.0	0.0	5061.00	0.0	20
JOHNSTON	16.000**	3829.00	1.137	3829.00	1.137	0.0	0.0	3829.00	0.0	
WYODAK	1.200##	1672.00	1.258	914.00	1.122	758.00	1.422	1235.13	436.87	
UTILITY TOTALS	-	15362.00	-	14604.00	-	758.00	-	14925.13	436.87	
PAINESVILLE ELECTRIC LT DEPT										
PAINESVILLE	5.200##	78.20	3.443	78.20	3.443	0.0	0.0	78.20	0.0	
UTILITY TOTALS	-	78.20	-	78.20	-	0.0	-	78.20	0.0	
PELLA MUNICIPAL POWER & LIGHT										
PELLA	5.000##	100.77	6.294	17.46	0.812	83.31	7.443	47.39	53.38	
UTILITY TOTALS	-	100.77	-	17.46	-	83.31	-	47.39	53.38	
PENNSYLVANIA ELECTRIC (GPU)										
FRONT ST	2.300##	334.00	2.410	168.00	1.693	166.00	3.135	290.13	43.87	
HOMER CITY	4.000##	5321.00	3.382	4318.00	2.849	1003.00	5.679	5321.00	0.0	
KEYSTONE	4.000##	3806.00	2.990	3806.00	2.990	0.0	0.0	3806.00	0.0	
SEWARD	4.000##	552.00	3.774	552.00	3.774	0.0	0.0	552.00	0.0	
SHAWVILLE	4.000##	1757.00	3.376	1712.00	3.353	45.00	4.260	1757.00	0.0	
WARREN	4.000##	306.00	3.390	279.00	3.289	27.00	4.431	306.00	0.0	
WILLIAMSBURG	4.000##	122.00	3.016	122.00	3.016	0.0	0.0	122.00	0.0	
CONEMAUGH	4.000##	2783.00	3.886	2298.00	3.793	485.00	4.329	2783.00	0.0	
UTILITY TOTALS	-	14981.00	-	13255.00	-	1726.00	-	14937.13	43.87	
PENNSYLVANIA POWER & LIGHT										
BRUNNER ISLAND	4.000##	3516.00	3.473	2980.00	3.356	536.00	4.126	3516.00	0.0	
HOLTWOOD	4.000##	328.00	1.394	328.00	1.394	0.0	0.0	328.00	0.0	
MARTINS CREEK	4.000##	632.00	3.453	501.00	3.249	131.00	4.231	632.00	0.0	
SUNBURY	4.000##	1420.00	2.377	1408.00	2.361	12.00	4.245	1420.00	0.0	
MONTOUR	4.000##	3864.00	2.563	3840.00	2.550	24.00	4.580	3864.00	0.0	
UTILITY TOTALS	-	9760.00	-	9057.00	-	703.00	-	9760.00	0.0	
PENNSYLVANIA POWER										
MANSFIELD	1.200##	3307.30	5.484	0.0	0.0	3307.30	5.484	0.0	3307.30	21
NEW CASTLE	0.720##	919.33	2.641	0.0	0.0	919.33	2.641	0.0	919.33	
UTILITY TOTALS	-	4226.63	-	0.0	-	4226.63	-	0.0	4226.63	
PERU UTILITIES										
PERU	16.000**	50.09	6.127	50.09	6.127	0.0	0.0	50.09	0.0	
UTILITY TOTALS	-	50.09	-	50.09	-	0.0	-	50.09	0.0	
PHILADELPHIA ELECTRIC										
CROMBY	0.620##	323.00	3.559	0.0	0.0	323.00	3.559	0.0	323.00	
EDDYSTONE	0.600##	887.00	3.733	0.0	0.0	887.00	3.733	0.0	887.00	
UTILITY TOTALS	-	1210.00	-	0.0	-	1210.00	-	0.0	1210.00	
PIQUA MUNICIPAL POWER SYSTEM										
PIQUA	4.780##	98.79	3.864	73.91	3.078	24.88	6.197	98.79	0.0	
UTILITY TOTALS	-	98.79	-	73.91	-	24.88	-	98.79	0.0	
PORTLAND GENERAL ELECTRIC										
BOARDMAN	1.200##	1.02	1.057	1.02	1.057	0.0	0.0	1.02	0.0	
UTILITY TOTALS	-	1.02	-	1.02	-	0.0	-	1.02	0.0	
POTOMAC ELECTRIC POWER										
CHALK	1.000*	1092.00	1.778	0.0	0.0	1092.00	1.778	0.0	1092.00	
DICKERSON	1.000*	1136.00	0.969	810.00	0.892	326.00	1.159	1136.00	0.0	
POTOMAC RIVER	1.910##	1042.00	1.138	1031.00	1.129	11.00	1.989	1042.00	0.0	
MORGANTOWN	3.500##	2431.00	2.738	2400.00	2.725	31.00	3.783	2431.00	0.0	
UTILITY TOTALS	-	5701.00	-	4241.00	-	1460.00	-	4609.00	1092.00	
PUBLIC SERVICE CO OF NEW MEXICO										
SAN JUAN	16.000**	2388.30	1.722	2388.30	1.722	0.0	0.0	2388.30	0.0	22
UTILITY TOTALS	-	2388.30	-	2388.30	-	0.0	-	2388.30	0.0	
PUBLIC SERV CO OF INDIANA										
EDWARDSPORT	16.000**	196.50	4.515	196.50	4.515	0.0	0.0	196.50	0.0	
GIBSON STATION	16.000**	6082.30	5.336	6082.30	5.336	0.0	0.0	6082.30	0.0	
NOBLESVILLE	16.000**	110.30	6.525	110.30	6.525	0.0	0.0	110.30	0.0	
GALLAGHER	16.000**	1284.40	6.014	1284.40	6.014	0.0	0.0	1284.40	0.0	
WABASH RIVER	1.200##	1825.70	4.092	0.0	0.0	1825.70	4.092	0.0	1825.70	
CAYUGA	16.000**	2815.60	4.816	2815.60	4.816	0.0	0.0	2815.60	0.0	
UTILITY TOTALS	-	12314.80	-	10489.10	-	1825.70	-	10489.10	1825.70	
PUBLIC SERV CO OF NEW HAMPSHIRE										
MERRIMACK	2.800*	1050.40	1.917	1050.40	1.917	0.0	0.0	1050.40	0.0	
UTILITY TOTALS	-	1050.40	-	1050.40	-	0.0	-	1050.40	0.0	
PUBLIC SERV ELEC & GAS-NJ										
HUDSON	0.200*	669.10	1.191	0.0	0.0	669.10	1.191	0.0	669.10	
MERCER	0.200*	888.60	1.268	0.0	0.0	888.60	1.268	0.0	888.60	
UTILITY TOTALS	-	1557.70	-	0.0	-	1557.70	-	0.0	1557.70	
PUBLIC SERVICE CO OF COLORADO										
ARAPHOE	16.000**	853.10	0.839	853.10	0.839	0.0	0.0	853.10	0.0	
CAMEO	16.000**	162.20	0.816	162.20	0.816	0.0	0.0	162.20	0.0	
CHEROKEE	16.000**	1973.60	0.795	1973.60	0.795	0.0	0.0	1973.60	0.0	
COMANCHE	16.000**	2734.10	0.811	2734.10	0.811	0.0	0.0	2734.10	0.0	
VALMONT	16.000**	435.30	1.037	435.30	1.037	0.0	0.0	435.30	0.0	
UTILITY TOTALS	-	6158.30	-	6158.30	-	0.0	-	6158.30	0.0	
PUBLIC SERV CO OF OKLAHOMA (CSW)										
NORTHEASTERN	16.000**	949.60	0.907	949.60	0.907	0.0	0.0	949.60	0.0	
UTILITY TOTALS	-	949.60	-	949.60	-	0.0	-	949.60	0.0	

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NOTE: THE AVERAGE SULFUR CONTENTS IN COLUMNS (4), (6), AND (8) ARE GIVEN IN THE SAME UNITS AS IN COLUMN (2)

COAL TO PLANTS DURING 12 MONTHS ENDING 79/12
MEETING, OR NOT MEETING 1979 SULFUR REGULATIONS

COMPANY/PLANT NAME	1979 SULFUR REGULATION	TOTAL QUANTITY RECEIVED (1000 TONS)	TOTAL QUANTITY RECEIVED AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY NOT MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	AFTER BLENDING QUANTITY MEETING (1000 TONS)	AFTER BLENDING QUANTITY NOT MEETING (1000 TONS)	NUMBER REFERS TO TABLE 28, CHAPTER 1
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
PUB UTILS COMM - NEW ULM										
NEW ULM	16.000**	78.02	3.952	78.02	3.952	0.0	0.0	78.02	0.0	
UTILITY TOTALS	-	78.02	-	78.02	-	0.0	-	78.02	0.0	
RICHMOND POWER & LIGHT										
WHITEWATER	1.790##	193.54	3.998	11.22	1.316	182.32	4.163	13.46	180.08	
UTILITY TOTALS	-	193.54	-	11.22	-	182.32	-	13.46	180.08	
ROCHESTER DEPT PUB UTIL										
SILVER LAKE	2.000*	254.39	2.091	6.70	1.761	247.69	2.100	22.71	231.68	
UTILITY TOTALS	-	254.39	-	6.70	-	247.69	-	22.71	231.68	
ROCHESTER GAS & ELEC CORP										
ROCHESTER 3	1.900#	200.60	2.120	74.40	1.510	126.20	2.480	124.43	76.17	
ROCHESTER 7	1.900#	529.70	1.839	335.70	1.550	194.00	2.338	529.70	0.0	
UTILITY TOTALS	-	730.30	-	410.10	-	320.20	-	654.13	76.17	
SALT RIVER PROJECT										
NAVAJO	1.420##	8006.70	0.782	8006.70	0.782	0.0	0.0	8006.70	0.0	
CORONADO	0.800##	1701.50	0.909	651.60	0.750	1049.90	1.008	808.23	893.27	23
UTILITY TOTALS	-	9708.20	-	8658.30	-	1049.90	-	8814.93	893.27	
SAVANNAH ELECTRIC & POWER										
PORT WENTWORTH	0.920##	328.60	1.952	0.0	0.0	328.60	1.952	0.0	328.60	
UTILITY TOTALS	-	328.60	-	0.0	-	328.60	-	0.0	328.60	
SOUTH CAROLINA ELECTRIC & GAS										
CANADYS	3.500##	552.06	2.262	486.06	2.062	66.00	3.739	552.06	0.0	
MCMEEKIN	3.500##	604.33	2.018	599.63	2.004	4.70	3.806	604.33	0.0	
URGUHART	2.300##	447.50	2.388	120.80	1.713	326.70	2.638	330.59	116.91	
WATEREE	3.500##	1437.50	2.169	1437.50	2.169	0.0	0.0	1437.50	0.0	
UTILITY TOTALS	-	3041.39	-	2643.99	-	397.40	-	2924.49	116.91	
SOUTH CAROLINA PUB SERV AUTH										
GEORGETOWN	1.200##	1397.13	1.744	23.61	0.996	1373.52	1.757	32.26	1364.87	24
GRAINGER	3.500##	326.30	2.776	294.75	2.617	31.55	4.265	326.30	0.0	
JEFFERIES	3.500##	532.49	2.646	532.49	2.646	0.0	0.0	532.49	0.0	
UTILITY TOTALS	-	2255.92	-	850.85	-	1405.07	-	891.05	1364.87	
SOUTH MISSISSIPPI ELEC PWR ASSN										
R D MORROW	1.200##	578.10	2.593	0.0	0.0	578.10	2.593	0.0	578.10	25
UTILITY TOTALS	-	578.10	-	0.0	-	578.10	-	0.0	578.10	
SOUTHERN CALIFORNIA EDISON										
MOHAVE	0.150#	3234.00	0.623	0.0	0.0	3234.00	0.623	0.0	3234.00	
UTILITY TOTALS	-	3234.00	-	0.0	-	3234.00	-	0.0	3234.00	
SOUTHERN ILLINOIS POWER COOP										
MARION	6.000##	859.13	5.857	395.64	5.041	463.49	6.554	859.13	0.0	26
UTILITY TOTALS	-	859.13	-	395.64	-	463.49	-	859.13	0.0	
SOUTHERN INDIANA GAS & ELEC										
A B BROWN	1.200##	445.32	5.765	0.0	0.0	445.32	5.765	0.0	445.32	27
CULLEY	1.200##	1124.98	6.191	0.0	0.0	1124.98	6.191	0.0	1124.98	
WARRICK	1.200##	2436.96	6.005	0.0	0.0	2436.96	6.005	0.0	2436.96	
UTILITY TOTALS	-	4007.26	-	0.0	-	4007.26	-	0.0	4007.26	
SOUTHWEST PUB SERV-NEW MEXICO										
HARRINGTON	1.200##	2089.00	0.929	2089.00	0.929	0.0	0.0	2089.00	0.0	
UTILITY TOTALS	-	2089.00	-	2089.00	-	0.0	-	2089.00	0.0	
SOUTHWESTERN ELEC PWR (CSW)										
FLINT CREEK	1.200##	1557.00	0.797	1557.00	0.797	0.0	0.0	1557.00	0.0	
WELSH STATION	1.200##	1797.00	0.797	1797.00	0.797	0.0	0.0	1797.00	0.0	
UTILITY TOTALS	-	3354.00	-	3354.00	-	0.0	-	3354.00	0.0	
SPRINGFIELD WTR LT & PWR DEPT										
DALLMAN	6.000##	751.80	6.186	182.30	5.321	569.50	6.463	449.65	302.15	
LAKESIDE	6.000##	116.60	6.216	20.00	5.321	96.60	6.401	53.97	62.73	
UTILITY TOTALS	-	868.40	-	202.30	-	666.10	-	503.51	364.89	
ST JOSEPH LIGHT & POWER										
LAKEROAD	16.000**	305.50	7.952	305.50	7.952	0.0	0.0	305.50	0.0	
UTILITY TOTALS	-	305.50	-	305.50	-	0.0	-	305.50	0.0	
TAMPA ELECTRIC										
GANNON	1.500##	1375.91	2.123	383.60	1.322	992.31	2.432	456.96	919.05	
BIG BEND	1.500##	2426.33	4.603	414.81	1.155	2011.52	5.314	452.33	1974.00	
UTILITY TOTALS	-	3802.24	-	798.41	-	3003.83	-	909.19	2893.05	
TENNESSEE VALLEY AUTHORITY										
ALLEN	4.000##	1884.07	3.845	1504.73	3.627	379.34	4.711	1884.07	0.0	
BULL RUN	4.000##	2573.13	1.679	2573.05	1.679	0.08	4.475	2573.13	0.0	
COLBERT	4.000##	2574.68	3.332	2527.92	3.297	46.76	5.208	2574.68	0.0	
GALLATIN	5.000##	3578.49	4.338	3195.40	4.203	383.09	5.467	3578.49	0.0	
SEVIER	4.000##	2416.56	3.095	2277.33	3.012	139.23	4.450	2416.56	0.0	
JOHNSONVILLE	1.200##	3361.58	5.539	302.11	1.080	3059.48	5.979	309.70	3051.88	
KINGSTON	1.200##	5542.83	2.154	0.76	1.061	5542.06	2.154	0.87	5541.96	
PARADISE	5.200##	5660.54	8.271	0.0	0.0	5660.54	8.271	0.0	5660.54	
SHAWNEE	1.200##	3870.67	3.558	1971.96	1.025	1898.71	6.188	2041.14	1829.53	
WATTS BAR	4.000##	344.33	3.434	343.92	3.433	0.41	4.239	344.33	0.0	
WIDOWS CREEK	1.200##	3735.43	3.748	681.04	1.085	3054.39	4.342	705.97	3029.46	
CUMBERLAND	5.000##	5793.71	6.362	1658.26	4.503	4135.45	7.107	2049.41	3744.30	28
UTILITY TOTALS	-	41336.02	-	17036.48	-	24299.54	-	18478.35	22857.67	

*-% SULFUR BY WEIGHT
#-POUNDS OF SULFUR/MILLION BTU
##-POUNDS OF SO2/MILLION BTU
**-NO 1979 FEDERALLY ENFORCEABLE SULFUR REGULATION. SULFER UNITS ARE EXPRESSED IN LBS SO2/MILLION BTU
NOTE: THE AVERAGE SULFUR CONTENTS IN COLUMNS (4), (6), AND (8) ARE GIVEN IN THE SAME UNITS AS IN COLUMN (2)

COAL TO PLANTS DURING 12 MONTHS ENDING 79/12
MEETING, OR NOT MEETING 1979 SULFUR REGULATIONS

COMPANY/PLANT NAME	1979 SULFUR REGULATION	TOTAL QUANTITY RECEIVED (1000 TONS)	TOTAL QUANTITY RECEIVED AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY NOT MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	AFTER BLENDING QUANTITY MEETING (1000 TONS)	AFTER BLENDING QUANTITY NOT MEETING (1000 TONS)	NUMBER REFERS TO TABLE 28, CHAPTER 1
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
TEXAS PWR & LT (TEXAS UTILS)										
BIG BROWN	16.000**	5164.00	1.735	5164.00	1.735	0.0	0.0	5164.00	0.0	
MARTIN LAKE	1.200##	10408.00	2.661	0.0	0.0	10408.00	2.661	0.0	10408.00	
MONTICELLO	1.200##	9230.00	1.959	0.0	0.0	9230.00	1.959	0.0	9230.00	
UTILITY TOTALS	-	24802.00	-	5164.00	-	19638.00	-	5164.00	19638.00	29
THE CINCINNATI GAS & ELECTRIC CO										
MIAMI FORT	3.300##	2927.30	3.540	1344.40	1.342	1582.90	5.407	2593.73	333.57	
BECKJORD	2.020##	2558.50	4.376	412.80	1.584	2145.70	4.913	475.01	2083.49	
UTILITY TOTALS	-	5485.80	-	1757.20	-	3728.60	-	3068.74	2417.06	
THE DAYTON POWER & LIGHT CO										
TAIT	1.250##	354.60	1.017	343.70	1.003	10.90	1.469	354.60	0.0	
HUTCHINGS	1.200##	655.70	1.014	603.50	0.986	52.20	1.337	655.70	0.0	
STUART	3.160##	6311.00	2.204	5813.90	1.910	497.10	5.643	6311.00	0.0	
UTILITY TOTALS	-	7321.30	-	6761.10	-	560.20	-	7321.30	0.0	
THE DETROIT EDISON CO										
CONNERS CREEK	1.250*	414.00	0.786	412.00	0.782	2.00	1.580	414.00	0.0	
HARBOR BEACH	1.500*	251.00	1.960	112.00	0.794	139.00	2.900	168.48	82.52	
MARYSVILLE	1.500*	316.00	0.801	313.00	0.789	3.00	2.100	316.00	0.0	
PENNSALT	1.000*	120.00	0.835	119.00	0.833	1.00	1.090	120.00	0.0	
RIVER ROUGE	1.500*	1434.00	0.794	1434.00	0.794	0.0	0.0	1434.00	0.0	
ST CLAIR	1.500*	2899.00	0.673	2559.00	0.360	340.00	3.032	2899.00	0.0	
TRENTON CHANNEL	1.000*	1648.00	0.922	1523.00	0.824	125.00	2.120	1648.00	0.0	
MONROE	1.200*	6912.00	2.375	1319.00	0.818	5593.00	2.742	1645.75	5266.25	
UTILITY TOTALS	-	13994.00	-	7791.00	-	6203.00	-	8645.23	5348.77	
THE KANSAS POWER & LIGHT CO										
JEFFERY ENERGY C	1.500##	3031.50	0.818	3031.50	0.818	0.0	0.0	3031.50	0.0	
LAWRENCE	1.500#	1420.10	0.580	1420.10	0.580	0.0	0.0	1420.10	0.0	
TECUMSEH	1.500#	431.00	0.576	431.00	0.576	0.0	0.0	431.00	0.0	
UTILITY TOTALS	-	4882.60	-	4882.60	-	0.0	-	4882.60	0.0	
THE MONTANA POWER CO										
COLSTRIP	1.000#	2529.00	0.815	2331.00	0.799	198.00	1.006	2529.00	0.0	
CORETTE	1.000#	678.00	0.885	678.00	0.885	0.0	0.0	678.00	0.0	
UTILITY TOTALS	-	3207.00	-	3009.00	-	198.00	-	3207.00	0.0	
THE POTOMAC EDISON CO-MD (APS)										
SMITH	1.000*	237.99	1.011	113.28	0.864	124.71	1.145	219.53	18.46	
UTILITY TOTALS	-	237.99	-	113.28	-	124.71	-	219.53	18.46	
THE TOLEDO EDISON CO										
ACME	3.000##	308.60	3.703	95.20	1.439	213.40	4.713	181.95	126.65	
BAY SHORE	1.200##	1494.00	1.477	461.40	1.013	1032.60	1.684	639.67	854.33	
UTILITY TOTALS	-	1802.60	-	556.60	-	1246.00	-	821.62	980.98	
THE UNITED GAS IMP CO										
HUNLOCK CREEK	4.000##	148.38	1.239	148.38	1.239	0.0	0.0	148.38	0.0	
UTILITY TOTALS	-	148.38	-	148.38	-	0.0	-	148.38	0.0	
TRAVERSE, CITY OF										
BAYSIDE	2.000*	24.00	0.885	24.00	0.885	0.0	0.0	24.00	0.0	
UTILITY TOTALS	-	24.00	-	24.00	-	0.0	-	24.00	0.0	
UNION ELECTRIC										
MERAMEC	2.330##	1298.00	2.129	1298.00	2.129	0.0	0.0	1298.00	0.0	
RUSH ISLAND	2.000*	2817.00	0.902	2817.00	0.902	0.0	0.0	2817.00	0.0	
SIOUX	2.300##	2385.00	3.690	860.00	1.268	1525.00	5.056	1182.03	1202.97	
LABADIE	16.000**	5840.90	4.136	5840.90	4.136	0.0	0.0	5840.90	0.0	
UTILITY TOTALS	-	12340.90	-	10815.90	-	1525.00	-	11137.93	1202.97	
UNITED POWER ASSOCIATION										
STANTON	3.000##	1005.10	1.856	1005.10	1.856	0.0	0.0	1005.10	0.0	
ELK RIVER	2.000*	81.70	0.760	81.70	0.760	0.0	0.0	81.70	0.0	
UTILITY TOTALS	-	1086.80	-	1086.80	-	0.0	-	1086.80	0.0	
UPPER PENINSULA GEN CO										
PRESQUE ISLE	1.500*	2120.00	0.574	2120.00	0.574	0.0	0.0	2120.00	0.0	
UTILITY TOTALS	-	2120.00	-	2120.00	-	0.0	-	2120.00	0.0	
UPPER PENINSULA POWER										
ESCANABA	2.000*	58.00	1.526	58.00	1.526	0.0	0.0	58.00	0.0	
UTILITY TOTALS	-	58.00	-	58.00	-	0.0	-	58.00	0.0	
UTAH POWER & LIGHT										
CARBON	1.000*	524.00	0.608	524.00	0.608	0.0	0.0	524.00	0.0	
EMERY	1.200##	1225.00	0.922	1198.00	0.915	27.00	1.248	1225.00	0.0	
GADSBY	1.000*	408.00	0.575	408.00	0.575	0.0	0.0	408.00	0.0	
HUNTINGTON	1.000*	1998.00	0.452	1998.00	0.452	0.0	0.0	1998.00	0.0	
HALE	1.000*	91.00	0.592	91.00	0.592	0.0	0.0	91.00	0.0	
NAUGHTON	16.000**	2503.00	1.158	2503.00	1.159	0.0	0.0	2503.00	0.0	
UTILITY TOTALS	-	6749.00	-	6722.00	-	27.00	-	6749.00	0.0	
VINELAND, CITY OF										
H M DOWN	1.000*	88.49	1.331	4.74	1.000	83.75	1.350	4.74	83.75	
UTILITY TOTALS	-	88.49	-	4.74	-	83.75	-	4.74	83.75	
VIRGINIA, MINN DEPT OF PUB UTIL										
VIRGINIA	1.500##	127.20	1.987	0.0	0.0	127.20	1.987	0.0	127.20	
UTILITY TOTALS	-	127.20	-	0.0	-	127.20	-	0.0	127.20	
VIRGINIA ELECTRIC & POWER										
BREMO BLUFF	3.150##	650.00	1.622	642.00	1.596	8.00	3.675	650.00	0.0	
CHESTERFIELD	3.100##	1093.00	1.649	1093.00	1.649	0.0	0.0	1093.00	0.0	
MOUNT STORM	2.900##	3022.00	3.367	712.00	2.265	2310.00	3.707	1272.25	1749.75	
PORTSMOUTH	3.090##	69.00	1.516	69.00	1.516	0.0	0.0	69.00	0.0	
UTILITY TOTALS	-	4834.00	-	2516.00	-	2318.00	-	3084.25	1749.75	

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NOTE: THE AVERAGE SULFUR CONTENTS IN COLUMNS (4), (6), AND (8) ARE GIVEN IN THE SAME UNITS AS IN COLUMN (2)

COAL TO PLANTS DURING 12 MONTHS ENDING 79/12
MEETING, OR NOT MEETING 1979 SULFUR REGULATIONS

COMPANY/PLANT NAME	1979 SULFUR REGULATION	TOTAL QUANTITY RECEIVED (1000 TONS)	TOTAL QUANTITY RECEIVED AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	BEFORE BLENDING QUANTITY NOT MEETING (1000 TONS)	BEFORE BLENDING AVG. SULFUR CONTENT	AFTER BLENDING QUANTITY MEETING (1000 TONS)	AFTER BLENDING QUANTITY NOT MEETING (1000 TONS)	NUMBER REFERS TO TABLE 28, CHAPTER 1
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
WEST PENN POWER (APS)										
ARMSTRONG	4.000##	1122.00	3.227	1097.50	3.206	24.50	4.179	1122.00	0.0	
MITCHELL	0.600##	814.10	3.115	0.0	0.0	814.10	3.115	0.0	814.10	
HATFIELD	4.000##	3591.50	4.117	1131.20	3.282	2460.30	4.501	2752.36	839.14	
UTILITY TOTALS	-	5527.60	-	2228.70	-	3298.90	-	3874.36	1653.24	
W ILLINOIS PWR COOP										
PEARL (GTS)	6.000##	57.24	5.325	38.81	4.834	18.43	6.358	57.24	0.0	
UTILITY TOTALS	-	57.24	-	38.81	-	18.43	-	57.24	0.0	
WILLMAR MUN UTIL COMM										
WILLMAR	2.000*	68.73	0.868	62.22	0.740	6.51	2.090	68.73	0.0	
UTILITY TOTALS	-	68.73	-	62.22	-	6.51	-	68.73	0.0	
WINFIELD MUN ELEC LT DEPT										
WINFIELD	16.000**	5.75	1.741	5.75	1.741	0.0	0.0	5.75	0.0	
UTILITY TOTALS	-	5.75	-	5.75	-	0.0	-	5.75	0.0	
WISCONSIN ELECTRIC POWER										
OAK CREEK	16.000**	2690.30	3.769	2690.30	3.769	0.0	0.0	2690.30	0.0	
PORT WASHINGTON	16.000**	692.61	4.978	692.61	4.978	0.0	0.0	692.61	0.0	
VALLEY	16.000**	679.44	4.994	679.44	4.994	0.0	0.0	679.44	0.0	
UTILITY TOTALS	-	4062.35	-	4062.35	-	0.0	-	4062.35	0.0	
WISCONSIN POWER & LIGHT										
BLACKHAWK	16.000**	56.53	5.017	56.53	5.017	0.0	0.0	56.53	0.0	
COLUMBIA	1.200##	3766.44	1.347	1799.84	0.934	1966.60	1.725	2711.76	1054.68	
EDGEWATER	16.000**	1048.90	4.891	1048.90	4.891	0.0	0.0	1048.90	0.0	
NELSON DEWEY	16.000**	539.20	6.908	539.20	6.908	0.0	0.0	539.20	0.0	
ROCK RIVER	16.000**	261.21	4.977	261.21	4.977	0.0	0.0	261.21	0.0	
UTILITY TOTALS	-	5672.28	-	3705.68	-	1966.60	-	4617.60	1054.68	
WISCONSIN PUBLIC SERVICE CORP										
PULLIAM	16.000**	972.00	5.206	972.00	5.206	0.0	0.0	972.00	0.0	
WESTON	16.000**	337.33	6.441	337.33	6.441	0.0	0.0	337.33	0.0	
UTILITY TOTALS	-	1309.33	-	1309.33	-	0.0	-	1309.33	0.0	
U.S. TOTALS	-	556557.87	-	372402.06	-	184155.62	-	400954.50	155703.44	

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NOTE: THE AVERAGE SULFUR CONTENTS IN COLUMNS (4), (6), AND (8) ARE GIVEN IN THE SAME UNITS AS IN COLUMN (2)

Appendix A

PLANT FOSSIL FUEL QUANTITY, QUALITY AND PRICE DATA FOR CALENDAR YEAR 1979

Coal: Includes bituminous, subbituminous, lignite, anthracite, and small quantities of petroleum coke.

Oil : Includes F02, F04, F05, F06, crude, topped crude, kerosene, jet-fuel, re-refined motor oil, liquefied petroleum gas, and oil delivered to plants in Hawaii (Tables 1 through 20 of Chapter 2 include data for contiguous United States only).

Gas : Includes natural gas, coke oven gas, blast furnace gas, refinery gas, and gas delivered to plants in Alaska.

Note: Due to computer rounding any quantity less than 50 tons 50 barrels or 50 cubic feet shows up as 0.0.

PLANT FOSSIL FUEL QUANTITY, QUALITY, AND PRICE DATA FOR CALENDAR YEAR 1979

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
NEW ENGLAND REGION														
CONNECTICUT														
THE CONNECTICUT LT & PWR CO(NU)														
DEVON	0.0	0.0	0.0	0.0	1855.9	347.4	21.59	0.40	0.0	0.0	0.0	0.0	100.0	0.0
MONTVILLE	0.0	0.0	0.0	0.0	1752.8	338.2	20.79	0.45	0.0	0.0	0.0	0.0	100.0	0.0
NORWALK HARBOR	0.0	0.0	0.0	0.0	2711.4	342.8	21.01	0.46	0.0	0.0	0.0	0.0	100.0	0.0
COS COB (GT)	0.0	0.0	0.0	0.0	27.0	431.6	24.00	0.01	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	6347.1	343.2	21.13	0.44	0.0	0.0	0.0	0.0	100.0	0.0
THE HARTFORD ELEC LIGHT CO(NU)														
MIDDLETOWN	0.0	0.0	0.0	0.0	3612.0	334.6	20.52	0.48	0.0	0.0	0.0	0.0	100.0	0.0
SOUTH MEADOW	0.0	0.0	0.0	0.0	91.0	436.5	24.52	0.0	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	3703.0	336.9	20.62	0.47	0.0	0.0	0.0	0.0	100.0	0.0
THE UNITED ILLUMINATING CO														
BRIDGEPORT HARBOR	0.0	0.0	0.0	0.0	4729.8	321.5	19.95	0.41	0.0	0.0	0.0	0.0	100.0	0.0
ENGLISH	0.0	0.0	0.0	0.0	46.4	334.2	20.80	0.48	0.0	0.0	0.0	0.0	100.0	0.0
NEW HAVEN HBR	0.0	0.0	0.0	0.0	3540.0	325.6	20.20	0.46	0.0	0.0	0.0	0.0	100.0	0.0
STEEL	0.0	0.0	0.0	0.0	61.0	321.6	19.65	0.29	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	8377.2	323.3	20.06	0.43	0.0	0.0	0.0	0.0	100.0	0.0
MAINE														
BANGOR HYDRO														
GRAHAM	0.0	0.0	0.0	0.0	100.0	258.1	16.12	2.16	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	100.0	258.1	16.12	2.16	0.0	0.0	0.0	0.0	100.0	0.0
CENTRAL MAINE POWER														
CAPE (GT)	0.0	0.0	0.0	0.0	12.0	481.3	28.24	0.22	0.0	0.0	0.0	0.0	100.0	0.0
MASON	0.0	0.0	0.0	0.0	336.0	240.9	15.08	2.39	0.0	0.0	0.0	0.0	100.0	0.0
WYMAN	0.0	0.0	0.0	0.0	2086.0	294.7	18.39	1.22	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	2434.0	288.1	17.98	1.38	0.0	0.0	0.0	0.0	100.0	0.0
MASSACHUSETTS														
BOSTON EDISON														
EDGAR	0.0	0.0	0.0	0.0	741.4	350.5	21.91	0.98	0.0	0.0	0.0	0.0	100.0	0.0
FRAMINGTON (GT)	0.0	0.0	0.0	0.0	2.5	451.6	26.09	0.30	0.0	0.0	0.0	0.0	100.0	0.0
L STREET	0.0	0.0	0.0	0.0	507.4	293.0	18.13	0.94	0.0	0.0	0.0	0.0	100.0	0.0
MYSTIC	0.0	0.0	0.0	0.0	6953.2	326.5	20.31	0.92	0.0	0.0	0.0	0.0	100.0	0.0
NEW BOSTON	0.0	0.0	0.0	0.0	5957.1	314.6	19.43	0.88	0.0	0.0	0.0	0.0	100.0	0.0
W MEDWAY (GT)	0.0	0.0	0.0	0.0	3.0	399.6	23.11	0.30	193.9	168.5	1.76	0.0	7.8	92.2
COMPANY TOTALS	0.0	0.0	0.0	0.0	14164.7	321.6	19.95	0.91	193.9	168.5	1.76	0.0	99.8	0.2
CAMBRIDGE ELEC LT CO (NEGA)														
KENDALL SQUARE	0.0	0.0	0.0	0.0	305.0	311.1	19.01	0.48	2878.0	265.7	2.66	0.0	39.3	60.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	305.0	311.1	19.01	0.48	2878.0	265.7	2.66	0.0	39.3	60.7
FITCHBURG GAS & ELECTRIC														
FITCHBURG	0.0	0.0	0.0	0.0	4.0	510.5	29.49	0.31	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	4.0	510.5	29.49	0.31	0.0	0.0	0.0	0.0	100.0	0.0
HOLYOKE GAS & ELECTRIC														
HOLYOKE	0.0	0.0	0.0	0.0	53.7	308.0	18.98	1.00	232.7	230.0	2.30	0.0	58.7	41.3
COMPANY TOTALS	0.0	0.0	0.0	0.0	53.7	308.0	18.98	1.00	232.7	230.0	2.30	0.0	58.7	41.3
HOLYOKE WATER POWER (NU)														
MOUNT TOM	0.0	0.0	0.0	0.0	990.0	328.5	20.50	1.26	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	990.0	328.5	20.50	1.26	0.0	0.0	0.0	0.0	100.0	0.0
MONTAUP ELECTRIC														
SOMERSET	0.0	0.0	0.0	0.0	1542.1	257.7	16.08	2.07	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	1542.1	257.7	16.08	2.07	0.0	0.0	0.0	0.0	100.0	0.0
NEW BEDFORD GAS&EO LT (NEGA)														
CANNON	0.0	0.0	0.0	0.0	132.0	342.1	21.36	0.98	66.0	256.6	2.57	0.0	92.6	7.4
COMPANY TOTALS	0.0	0.0	0.0	0.0	132.0	342.1	21.36	0.98	66.0	256.6	2.57	0.0	92.6	7.4
NEW ENGLAND POWER (NEES)														
BRAYTON	0.0	0.0	0.0	0.0	12356.0	249.3	15.62	2.10	0.0	0.0	0.0	0.0	100.0	0.0
GLOUCESTER (IC)	0.0	0.0	0.0	0.0	4.9	398.1	23.00	0.10	0.0	0.0	0.0	0.0	100.0	0.0
SALEM HARBOR	2.0	232.5	62.78	2.63	6054.0	258.9	16.25	2.00	0.0	0.0	0.0	0.1	99.9	0.0
UXBRIDGE (GT)	0.0	0.0	0.0	0.0	4.9	403.6	23.17	0.10	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	2.0	232.5	62.78	2.63	18419.8	252.5	15.83	2.07	0.0	0.0	0.0	0.0	100.0	0.0
TAUNTON MUNICIPAL LIGHTING PLT														
CLEARY	0.0	0.0	0.0	0.0	579.7	303.8	18.78	1.92	0.0	0.0	0.0	0.0	100.0	0.0
WEST WATER STA	0.0	0.0	0.0	0.0	24.7	260.4	16.27	0.97	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	604.4	302.0	18.68	1.88	0.0	0.0	0.0	0.0	100.0	0.0
THE CANAL ELECTRIC CO														
CANAL	0.0	0.0	0.0	0.0	9768.0	268.6	16.81	2.13	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	9768.0	268.6	16.81	2.13	0.0	0.0	0.0	0.0	100.0	0.0
WESTERN MASS ELECTRIC (NU)														
SILVER LAKE (GT)	0.0	0.0	0.0	0.0	7.0	422.1	24.39	0.15	0.0	0.0	0.0	0.0	100.0	0.0
WEST SPRINGFIELD	0.0	0.0	0.0	0.0	1271.0	268.3	16.79	2.02	3268.0	281.7	2.82	0.0	70.9	29.1
COMPANY TOTALS	0.0	0.0	0.0	0.0	1278.0	269.1	16.83	2.01	3268.0	281.7	2.82	0.0	71.0	29.0
NEW HAMPSHIRE														
PUBLIC SERV CO OF NEW HAMPSHIRE														
MERRIMACK	1050.4	152.5	40.94	2.57	3.8	466.8	26.62	0.14	0.0	0.0	0.0	99.9	0.1	0.0
NEWINGTON STATION	0.0	0.0	0.0	0.0	3534.0	272.1	16.99	1.80	0.0	0.0	0.0	0.0	100.0	0.0
SCHILLER	0.0	0.0	0.0	0.0	1126.7	261.8	16.32	1.87	28.3	295.4	2.95	0.0	99.6	0.4
COMPANY TOTALS	1050.4	152.5	40.94	2.57	4664.5	269.8	16.84	1.82	28.3	295.4	2.95	49.2	50.8	0.0

PLANT FOSSIL FUEL QUANTITY, QUALITY, AND PRICE DATA FOR CALENDAR YEAR 1979

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	% OF TOTAL BTUS DELIVERED OIL	% OF TOTAL BTUS DELIVERED GAS
NEW ENGLAND REGION														
RHODE ISLAND														
THE NARRAGANSETT ELEC CO(NEES)														
MANCHESTER ST	0.0	0.0	0.0	0.0	822.0	325.4	20.22	0.90	1337.0	247.0	2.58	0.0	78.5	21.5
SOUTH ST	0.0	0.0	0.0	0.0	298.0	300.4	18.63	0.89	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	1120.0	318.7	19.79	0.90	1337.0	247.0	2.58	0.0	83.3	16.7
VERMONT														
BURLINGTON ELECTRIC DEPARTMENT														
MORAN	12.9	177.2	45.95	1.54	18.4	571.3	33.35	0.35	534.2	262.6	2.63	34.3	11.0	54.7
COMPANY TOTALS	12.9	177.2	45.95	1.54	18.4	571.3	33.35	0.35	534.2	262.6	2.63	34.3	11.0	54.7
CENTRAL VT PUB SERV CORP														
RUTLAND (GT)	0.0	0.0	0.0	0.0	7.4	420.4	24.98	0.23	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	7.4	420.4	24.98	0.23	0.0	0.0	0.0	0.0	100.0	0.0
GREEN MOUNTAIN PWR CORP														
BERLIN NO 5 (GT)	0.0	0.0	0.0	0.0	3.7	697.4	39.39	0.39	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	3.7	697.4	39.39	0.39	0.0	0.0	0.0	0.0	100.0	0.0

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
MIDDLE ATLANTIC REGION														
NEW JERSEY														
ATLANTIC CITY ELECTRIC														
ENGLAND	635.8	135.8	34.57	2.98	1586.5	279.6	17.43	1.87	0.0	0.0	0.0	62.1	37.9	0.0
CAROLL CORNR (GT)	0.0	0.0	0.0	0.0	88.7	440.8	25.11	0.08	0.0	0.0	0.0	0.0	100.0	0.0
CEDAR STA (GT)	0.0	0.0	0.0	0.0	88.4	472.7	26.92	0.08	0.0	0.0	0.0	0.0	100.0	0.0
MIDDLE STA (GT)	0.0	0.0	0.0	0.0	107.4	453.8	25.85	0.08	0.0	0.0	0.0	0.0	100.0	0.0
MISSOURI AVENUE	0.0	0.0	0.0	0.0	45.9	446.7	25.44	0.08	0.0	0.0	0.0	0.0	100.0	0.0
MICKELTON (GT)	0.0	0.0	0.0	0.0	106.3	472.0	26.85	0.08	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	635.8	135.8	34.57	2.98	2023.4	315.6	19.31	1.48	0.0	0.0	0.0	56.7	43.3	0.0
DEEPWATER OPERATING CO (ACE)														
DEEPWATER	0.0	0.0	0.0	0.0	1213.3	296.3	18.42	1.22	2460.0	301.4	3.10	0.0	74.9	25.1
COMPANY TOTALS	0.0	0.0	0.0	0.0	1213.3	296.3	18.42	1.22	2460.0	301.4	3.10	0.0	74.9	25.1
JERSEY CENTRAL PWR & LT (GPU)														
WERNER	0.0	0.0	0.0	0.0	348.0	347.2	21.04	0.26	0.0	0.0	0.0	0.0	100.0	0.0
GILBERT	0.0	0.0	0.0	0.0	904.0	411.9	24.81	0.43	2260.0	314.4	3.24	0.0	70.1	29.9
GLEN GARDNER (GT)	0.0	0.0	0.0	0.0	45.0	429.9	24.96	0.14	0.0	0.0	0.0	0.0	100.0	0.0
SAYREVILLE	0.0	0.0	0.0	0.0	1474.0	358.9	21.77	0.27	2283.0	257.7	2.60	0.0	79.5	20.5
RIEGEL STA (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2080.0	238.5	2.46	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	2771.0	375.8	22.72	0.31	6623.0	271.1	2.77	0.0	71.2	28.8
PUBLIC SERV ELEC & GAS-NJ														
BERGEN	0.0	0.0	0.0	0.0	1847.2	336.0	20.52	0.27	4629.2	248.9	2.56	0.0	70.3	29.7
BAYONNE (GT)	0.0	0.0	0.0	0.0	10.0	403.9	22.84	0.07	0.0	0.0	0.0	0.0	100.0	0.0
BURLINGTON	0.0	0.0	0.0	0.0	1096.0	378.9	23.10	0.36	0.0	0.0	0.0	0.0	100.0	0.0
EDISON (GT)	0.0	0.0	0.0	0.0	57.0	454.9	25.70	0.09	417.0	252.3	2.60	0.0	42.8	57.2
ESSEX	0.0	0.0	0.0	0.0	213.0	408.9	23.81	0.19	238.0	251.6	2.59	0.0	83.5	16.5
HUDSON	669.1	170.0	44.05	1.19	2812.0	331.2	20.22	0.27	10347.0	246.9	2.62	38.1	37.8	24.1
KEARNY	0.0	0.0	0.0	0.0	1876.0	368.1	22.32	0.26	414.5	252.2	2.60	0.0	96.4	3.6
LINDEN	0.0	0.0	0.0	0.0	2356.1	360.4	21.97	0.27	75.2	251.6	2.61	0.0	99.5	0.5
MERCER	888.6	186.7	50.00	1.27	0.0	0.0	0.0	0.0	1450.0	232.1	2.39	94.1	0.0	5.9
SALEM (GT)	0.0	0.0	0.0	0.0	34.0	448.1	25.84	0.15	0.0	0.0	0.0	0.0	100.0	0.0
SEWAREN	0.0	0.0	0.0	0.0	3964.0	347.5	21.26	0.27	3843.0	250.2	2.59	0.0	85.9	14.1
COMPANY TOTALS	1557.7	179.6	47.44	1.23	14265.3	351.6	21.43	0.28	21413.9	247.2	2.58	27.3	57.8	14.9
VINELAND, CITY OF														
H M DOWN	88.5	164.4	41.33	1.33	284.2	304.0	18.99	1.62	0.0	0.0	0.0	55.6	44.4	0.0
COMPANY TOTALS	88.5	164.4	41.33	1.33	284.2	304.0	18.99	1.62	0.0	0.0	0.0	55.6	44.4	0.0
NEW YORK														
CENTRAL HUDSON GAS & ELEC														
DANSKAMMER	0.0	0.0	0.0	0.0	2476.0	308.1	19.06	0.96	2642.0	201.5	2.04	0.0	85.1	14.9
ROSETON	0.0	0.0	0.0	0.0	9551.0	250.1	15.59	1.93	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	12027.0	262.0	16.31	1.73	2642.0	201.5	2.04	0.0	96.6	3.4
CONSOLIDATED EDISON CO OF NY														
59TH ST	0.0	0.0	0.0	0.0	656.3	315.6	19.25	0.27	0.0	0.0	0.0	0.0	100.0	0.0
74TH ST	0.0	0.0	0.0	0.0	570.4	349.7	21.41	0.27	0.0	0.0	0.0	0.0	100.0	0.0
ARTHUR KILL	0.0	0.0	0.0	0.0	4198.1	341.2	20.92	0.28	0.0	0.0	0.0	0.0	100.0	0.0
ASTORIA	0.0	0.0	0.0	0.0	4313.0	329.4	20.13	0.25	15342.9	220.9	2.28	0.0	62.5	37.5
BUCHANAN (GT)	0.0	0.0	0.0	0.0	9.2	463.1	26.33	0.14	0.0	0.0	0.0	0.0	100.0	0.0
EAST RIVER	0.0	0.0	0.0	0.0	1644.0	335.1	20.51	0.27	7783.0	225.8	2.33	0.0	55.6	44.4
GOWANUS (GT)	0.0	0.0	0.0	0.0	219.0	408.1	23.59	0.17	0.0	0.0	0.0	0.0	100.0	0.0
HUDSON AVENUE	0.0	0.0	0.0	0.0	617.8	341.8	20.90	0.27	0.0	0.0	0.0	0.0	100.0	0.0
INDIAN POINT	0.0	0.0	0.0	0.0	116.3	357.1	21.67	0.30	0.0	0.0	0.0	0.0	100.0	0.0
KENT AVE (GT)	0.0	0.0	0.0	0.0	1.8	358.0	20.21	0.03	0.0	0.0	0.0	0.0	100.0	0.0
NARROWS BAY (GT)	0.0	0.0	0.0	0.0	304.0	430.6	24.50	0.08	0.0	0.0	0.0	0.0	100.0	0.0
RAVENSWOOD	0.0	0.0	0.0	0.0	4590.0	345.5	21.15	0.27	18760.5	226.4	2.33	0.0	59.2	40.8
WATERSIDE	0.0	0.0	0.0	0.0	1626.7	329.6	20.16	0.27	5982.0	223.4	2.30	0.0	61.7	38.3
COMPANY TOTALS	0.0	0.0	0.0	0.0	18866.6	339.7	20.75	0.26	47868.4	224.2	2.31	0.0	70.0	30.0
JAMESTOWN BD OF PUB UTILS														
SAMUEL A CARLSON	88.8	123.2	29.65	2.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	88.8	123.2	29.65	2.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
LONG ISLAND LIGHTING														
BARRETT	0.0	0.0	0.0	0.0	947.0	304.8	18.66	0.32	9785.0	286.8	2.95	0.0	36.5	63.5
FAR ROCKAWAY	0.0	0.0	0.0	0.0	185.0	324.1	19.86	0.27	99.0	302.4	3.11	0.0	91.8	8.2
GLENWOOD	0.0	0.0	0.0	0.0	487.0	323.0	19.73	0.30	923.0	276.3	2.85	0.0	75.8	24.2
HOLBROOK (GT)	0.0	0.0	0.0	0.0	233.0	458.6	26.43	0.15	0.0	0.0	0.0	0.0	100.0	0.0
NORTHPORT	0.0	0.0	0.0	0.0	11450.0	256.6	16.11	2.03	0.0	0.0	0.0	0.0	100.0	0.0
PORT JEFFERSON	0.0	0.0	0.0	0.0	3672.0	253.8	15.98	2.39	0.0	0.0	0.0	0.0	100.0	0.0
SHOREHAM (GT)	0.0	0.0	0.0	0.0	11.0	419.7	24.46	0.15	0.0	0.0	0.0	0.0	100.0	0.0
W BABYLON (GT)	0.0	0.0	0.0	0.0	18.0	457.4	26.62	0.15	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	17003.0	264.1	16.53	1.91	10806.0	286.0	2.95	0.0	90.5	9.5
NEW YORK ST ELEC & GAS														
GOUDEY	436.6	122.2	28.23	1.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
GREENIDGE	537.2	126.8	30.03	2.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
HICKLING	347.3	96.6	21.34	0.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
JENNISON	287.5	111.3	24.18	0.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MILLIKEN	796.6	132.6	30.79	1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	2405.2	121.9	28.00	1.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
NIAGRA-MOHAWK POWER														
OSWEGO	0.0	0.0	0.0	0.0	5900.0	301.0	18.85	2.34	0.0	0.0	0.0	0.0	100.0	0.0
ROTTERDAM (GT)	0.0	0.0	0.0	0.0	4.8	492.3	28.43	0.30	0.0	0.0	0.0	0.0	100.0	0.0
ALBANY	0.0	0.0	0.0	0.0	3162.0	293.2	18.25	2.00	0.0	0.0	0.0	0.0	100.0	0.0
HUNTLEY	1550.0	160.9	41.44	1.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
DUNKIRK	1459.0	132.1	33.50	2.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	3009.0	147.0	37.59	1.83	9066.8	298.4	18.64	2.22	0.0	0.0	0.0	57.6	42.4	0.0

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
MIDDLE ATLANTIC REGION														
NEW YORK														
ORANGE & ROCKLAND UTILITIES														
HILLBURN (GT)	0.0	0.0	0.0	0.0	1.1	539.2	28.42	0.02	0.0	0.0	0.0	0.0	100.0	0.0
LOVETT	0.0	0.0	0.0	0.0	1036.9	329.2	20.09	0.28	9835.1	201.0	2.07	0.0	38.5	61.5
SHOEMAKER (GT)	0.0	0.0	0.0	0.0	3.2	574.6	30.30	0.02	7.1	219.6	2.27	0.0	69.7	30.3
BOWLINE	0.0	0.0	0.0	0.0	5785.3	336.5	20.62	0.32	1960.7	195.7	2.01	0.0	94.6	5.4
COMPANY TOTALS	0.0	0.0	0.0	0.0	6826.5	335.5	20.55	0.31	11802.9	200.1	2.06	0.0	77.5	22.5
ROCHESTER GAS & ELEC CORP														
ROCHESTER 3	200.6	134.2	33.98	2.67	782.3	290.5	18.22	1.83	0.0	0.0	0.0	50.9	49.1	0.0
ROCHESTER 7	529.7	138.3	34.91	2.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	730.3	137.2	34.65	2.41	782.3	290.5	18.22	1.83	0.0	0.0	0.0	79.0	21.0	0.0
PENNSYLVANIA														
DUQUESNE LIGHT														
BRUNOT IS (GT)	0.0	0.0	0.0	0.0	332.3	440.5	25.54	0.23	0.0	0.0	0.0	0.0	100.0	0.0
ELRAMA	1516.6	103.7	24.17	2.06	11.4	369.5	21.19	0.15	0.0	0.0	0.0	99.8	0.2	0.0
PHILLIPS	975.4	111.2	26.64	2.18	22.7	374.0	21.42	0.14	0.0	0.0	0.0	99.4	0.6	0.0
CHESWICK	1328.2	112.3	27.06	1.78	80.1	341.2	19.59	0.12	0.0	0.0	0.0	98.6	1.4	0.0
COMPANY TOTALS	3820.2	108.7	25.80	1.99	446.5	417.7	24.15	0.20	0.0	0.0	0.0	97.2	2.8	0.0
METROPOLITAN EDISON (GPU)														
HUNTERSTOWN (GT)	0.0	0.0	0.0	0.0	24.0	412.9	23.75	0.25	0.0	0.0	0.0	0.0	100.0	0.0
MOUNTAIN (GT)	0.0	0.0	0.0	0.0	13.6	445.9	25.51	0.27	0.0	0.0	0.0	0.0	100.0	0.0
PORTLAND	778.2	131.1	33.03	2.20	76.3	474.0	27.09	0.17	144.4	334.9	3.37	97.1	2.2	0.7
TITUS	579.8	141.5	36.12	1.22	53.6	368.9	21.17	0.22	224.6	310.4	3.12	96.5	2.0	1.5
TOLNA (GT)	0.0	0.0	0.0	0.0	19.2	397.0	22.67	0.21	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	1358.0	135.6	34.35	1.78	186.7	425.9	24.39	0.21	369.0	320.0	3.22	96.0	3.0	1.0
PENNSYLVANIA ELECTRIC (GPU)														
FRONT ST	334.0	123.5	30.02	1.46	13.0	442.3	25.79	0.28	0.0	0.0	0.0	99.1	0.9	0.0
HOMER CITY	5321.0	126.4	29.48	1.94	87.0	409.5	23.87	0.19	0.0	0.0	0.0	99.6	0.4	0.0
KEYSTONE	3806.0	111.3	26.34	1.77	65.0	418.3	24.38	0.16	0.0	0.0	0.0	99.6	0.4	0.0
SEWARD	552.0	118.2	29.10	2.32	42.0	387.2	22.57	0.26	0.0	0.0	0.0	98.2	1.8	0.0
SHAWVILLE	1757.0	95.7	23.47	2.07	85.0	410.5	23.90	0.28	0.0	0.0	0.0	98.9	1.1	0.0
WARREN	306.0	102.8	24.48	2.02	6.0	527.8	30.77	0.29	0.0	0.0	0.0	99.5	0.5	0.0
WAYNE (GT)	0.0	0.0	0.0	0.0	2.0	370.1	21.58	0.30	0.0	0.0	0.0	0.0	100.0	0.0
WILLIAMSBURG	122.0	87.1	21.08	1.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
CONEMAUGH	2783.0	144.6	35.10	2.36	84.0	456.4	26.61	0.19	0.0	0.0	0.0	99.3	0.7	0.0
COMPANY TOTALS	14981.0	121.1	28.85	1.99	384.0	421.8	24.58	0.22	0.0	0.0	0.0	99.4	0.6	0.0
PENNSYLVANIA POWER & LIGHT														
ALLENTOWN (GT)	0.0	0.0	0.0	0.0	7.0	427.4	24.93	0.20	0.0	0.0	0.0	0.0	100.0	0.0
BRUNNER ISLAND	3516.0	131.8	32.98	2.17	143.0	362.3	20.89	0.17	0.0	0.0	0.0	99.1	0.9	0.0
HARRISBURG (GT)	0.0	0.0	0.0	0.0	3.0	395.5	22.81	0.13	0.0	0.0	0.0	0.0	100.0	0.0
HOLTWOOD	401.6	67.6	12.80	1.49	2.0	355.6	20.45	0.20	0.0	0.0	0.0	99.8	0.2	0.0
MARTINS CREEK	632.0	139.0	35.13	2.18	9861.0	308.6	18.88	0.94	0.0	0.0	0.0	20.9	79.1	0.0
SUNBURY	1450.0	109.6	24.07	1.48	2.0	409.4	23.55	0.20	0.0	0.0	0.0	100.0	0.0	0.0
W SHORE (GT)	0.0	0.0	0.0	0.0	1.0	358.2	20.70	0.40	0.0	0.0	0.0	0.0	100.0	0.0
WILLIAMPORT (GT)	0.0	0.0	0.0	0.0	2.0	444.2	25.68	0.10	0.0	0.0	0.0	0.0	100.0	0.0
MONTOUR	3864.0	129.6	32.53	1.61	87.0	383.9	22.16	0.15	0.0	0.0	0.0	99.5	0.5	0.0
COMPANY TOTALS	9863.6	126.4	30.81	1.82	10108.0	310.1	18.94	0.92	0.0	0.0	0.0	79.6	20.4	0.0
PENNSYLVANIA POWER														
BRUCE MANSFIELD	3307.3	120.1	27.97	3.19	122.5	411.3	23.53	0.30	0.0	0.0	0.0	99.1	0.9	0.0
NEW CASTLE	919.3	121.9	30.14	1.62	9.8	537.3	30.80	0.27	0.0	0.0	0.0	99.8	0.2	0.0
COMPANY TOTALS	4226.6	120.5	28.44	2.85	132.3	420.6	24.07	0.30	0.0	0.0	0.0	99.2	0.8	0.0
PHILADELPHIA ELECTRIC														
BARBADOES	0.0	0.0	0.0	0.0	1.0	525.7	30.53	0.03	0.0	0.0	0.0	0.0	100.0	0.0
CHESTER	0.0	0.0	0.0	0.0	303.1	325.3	20.19	0.49	0.0	0.0	0.0	0.0	100.0	0.0
FALLS (GT)	0.0	0.0	0.0	0.0	2.0	529.8	30.95	0.03	0.0	0.0	0.0	0.0	100.0	0.0
CROMBY	323.0	142.8	37.42	2.33	1250.0	354.9	22.32	0.79	0.0	0.0	0.0	51.8	48.2	0.0
CROYDON (GT)	0.0	0.0	0.0	0.0	320.0	478.7	27.95	0.10	0.0	0.0	0.0	0.0	100.0	0.0
DELAWARE	0.0	0.0	0.0	0.0	1599.0	339.2	20.87	0.43	0.0	0.0	0.0	0.0	100.0	0.0
EDDYSTONE	887.0	145.7	37.81	2.42	2723.0	356.0	22.02	0.45	0.0	0.0	0.0	57.7	42.3	0.0
MOSER (GT)	0.0	0.0	0.0	0.0	8.0	407.2	23.69	0.06	0.0	0.0	0.0	0.0	100.0	0.0
RICHMOND	0.0	0.0	0.0	0.0	524.0	381.5	23.15	0.36	0.0	0.0	0.0	0.0	100.0	0.0
SCHUYLKILL	0.0	0.0	0.0	0.0	2667.0	336.4	20.69	0.38	0.0	0.0	0.0	0.0	100.0	0.0
SOUTHWARK	0.0	0.0	0.0	0.0	856.0	333.9	20.48	0.42	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	1210.0	144.9	37.71	2.39	10253.1	350.4	21.60	0.45	0.0	0.0	0.0	33.3	66.7	0.0
THE UNITED GAS IMP CO														
HUNLOCK CREEK	148.4	87.9	15.73	0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	148.4	87.9	15.73	0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
WEST PENN POWER (APS)														
ARMSTRONG	1122.0	97.0	23.69	1.96	3.5	439.2	26.01	0.26	0.0	0.0	0.0	99.9	0.1	0.0
MILESBURG	0.0	0.0	0.0	0.0	57.1	340.7	19.69	0.25	0.0	0.0	0.0	0.0	100.0	0.0
MITCHELL	814.1	119.4	31.28	2.04	320.6	292.7	18.35	0.53	176.3	256.9	2.57	90.7	8.6	0.8
SPRINGDALE	0.0	0.0	0.0	0.0	292.2	319.0	20.32	0.51	0.0	0.0	0.0	0.0	100.0	0.0
HATFIELD	3591.5	101.2	24.32	2.48	9.0	476.2	28.20	0.27	0.0	0.0	0.0	99.9	0.1	0.0
COMPANY TOTALS	5527.6	103.2	25.21	2.31	682.4	310.9	19.48	0.49	176.3	256.9	2.57	96.8	3.1	0.1

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
EAST NORTH CENTRAL REGION														
ILLINOIS														
CENTRAL ILLINOIS PUBLIC SERVICE														
COFFEEN	2388.7	103.7	19.67	3.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
GRAND TOWER	467.8	113.1	24.65	2.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
HUTSONVILLE	395.4	120.8	26.66	1.83	6.5	467.9	26.98	0.20	0.0	0.0	0.0	99.6	0.4	0.0
MEREDOSIA	795.0	138.0	31.31	2.91	349.0	294.0	18.55	0.53	0.0	0.0	0.0	89.1	10.9	0.0
NEWTON	1402.0	142.9	32.54	2.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	5448.9	122.2	25.61	3.16	355.5	296.9	18.70	0.53	0.0	0.0	0.0	98.1	1.9	0.0
CENTRAL ILLINOIS LIGHT														
DUCK CREEK	1118.3	146.9	30.95	3.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
EDWARDS	1328.2	176.3	35.93	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
WALLACE	166.0	199.8	53.02	0.70	0.0	0.0	0.0	0.0	410.7	170.8	1.71	91.5	0.0	8.5
STERLING AVE (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.5	167.6	1.68	0.0	0.0	100.0
COMPANY TOTALS	2612.5	165.6	34.88	1.80	0.0	0.0	0.0	0.0	468.1	170.4	1.70	99.2	0.0	0.8
COMMONWEALTH EDISON														
FISK	666.7	199.7	37.50	0.43	60.9	502.5	28.33	0.16	3791.0	307.4	3.15	74.7	2.0	23.2
BLOOM (GT)	0.0	0.0	0.0	0.0	52.3	487.0	28.30	0.25	0.0	0.0	0.0	0.0	100.0	0.0
CALUMET (GT)	0.0	0.0	0.0	0.0	166.1	448.2	26.03	0.26	51.0	294.9	3.03	0.0	94.9	5.1
COLLINS	0.0	0.0	0.0	0.0	8915.0	405.5	25.07	0.59	0.0	0.0	0.0	0.0	100.0	0.0
CRAWFORD	913.5	185.9	36.49	0.54	50.0	416.9	24.25	0.26	5374.0	233.8	2.91	75.6	1.2	23.2
ELEC JUNCTION(GT)	0.0	0.0	0.0	0.0	192.4	475.2	27.62	0.26	7.0	293.6	3.02	0.0	99.4	0.6
JOLIET	3747.0	175.1	33.03	0.50	214.4	450.8	26.17	0.22	152.0	251.1	2.58	98.1	1.7	0.2
KINCAID	2752.0	123.1	24.98	3.52	18.2	480.2	27.82	0.18	10.3	201.1	1.98	99.8	0.2	0.0
LOMBARD (GT)	0.0	0.0	0.0	0.0	57.3	500.1	28.40	0.17	2.0	301.0	3.10	0.0	99.4	0.6
POWERTON	3978.0	172.1	33.06	0.79	40.0	427.8	24.78	0.26	126.0	220.9	2.21	99.5	0.3	0.2
RIDGELAND	0.0	0.0	0.0	0.0	2387.0	326.5	20.44	0.93	12299.0	272.1	2.76	0.0	54.5	45.5
SABROOKE	0.0	0.0	0.0	0.0	158.8	486.9	28.23	0.26	0.0	0.0	0.0	0.0	100.0	0.0
WAUKEGAN	1721.0	149.7	28.70	0.46	128.1	484.0	27.70	0.21	0.0	0.0	0.0	97.8	2.2	0.0
WILL COUNTY	2158.4	197.9	37.24	0.45	76.0	454.7	26.39	0.23	0.0	0.0	0.0	98.9	1.1	0.0
COMPANY TOTALS	15936.6	166.8	32.14	1.08	12516.5	395.8	24.38	0.62	21812.3	280.8	2.86	75.6	19.0	5.5
ELECTRIC ENERGY														
JOPPA	3084.0	134.6	31.17	2.08	20.0	490.8	28.51	0.25	0.0	0.0	0.0	99.8	0.2	0.0
COMPANY TOTALS	3084.0	134.6	31.17	2.08	20.0	490.8	28.51	0.25	0.0	0.0	0.0	99.8	0.2	0.0
ILLINOIS POWER														
HAVANA	593.9	199.3	49.85	0.54	631.7	342.5	21.10	0.84	0.0	0.0	0.0	79.2	20.8	0.0
HENNEPIN	819.1	134.8	30.10	2.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
OGLESBY (GT)	0.0	0.0	0.0	0.0	5.5	397.4	23.03	0.25	153.0	178.5	1.85	0.0	16.8	83.2
STALLINGS (GT)	0.0	0.0	0.0	0.0	4.4	391.4	22.69	0.25	238.3	189.1	1.95	0.0	9.4	90.6
VERMILION	461.5	124.4	26.49	2.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
WOOD RIVER	811.7	177.2	39.06	0.62	535.5	405.6	23.51	0.25	455.6	276.7	2.87	83.3	14.5	2.2
BALDWIN	5002.9	107.4	22.73	2.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	7689.1	127.1	27.56	2.45	1177.1	370.7	22.21	0.56	846.9	234.0	2.42	95.5	4.0	0.5
IOWA-ILLINOIS GAS & ELECTRIC														
MOLINE	0.0	0.0	0.0	0.0	36.2	322.0	18.58	0.01	2316.0	218.9	2.25	0.0	8.1	91.9
COMPANY TOTALS	0.0	0.0	0.0	0.0	36.2	322.0	18.58	0.01	2316.0	218.9	2.25	0.0	8.1	91.9
SOUTHERN ILLINOIS POWER COOP														
MARION	859.1	97.0	19.92	3.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	859.1	97.0	19.92	3.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
SPRINGFIELD WTR LT & PWR DEPT														
DALLMAN	790.0	119.7	25.56	3.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
LAKESIDE	116.6	126.6	26.76	3.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	906.6	120.6	25.71	3.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
UNION ELECTRIC														
VENICE #2	0.0	0.0	0.0	0.0	232.0	344.2	19.93	0.29	1155.0	245.8	2.54	0.0	52.9	47.1
COMPANY TOTALS	0.0	0.0	0.0	0.0	232.0	344.2	19.93	0.29	1155.0	245.8	2.54	0.0	52.9	47.1
UNIVERSITY OF ILLINOIS														
ABBOTT	0.0	0.0	0.0	0.0	391.4	400.4	23.33	0.18	119.1	269.6	2.70	0.0	95.0	5.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	391.4	400.4	23.33	0.18	119.1	269.6	2.70	0.0	95.0	5.0
W ILLINOIS PWR COOP														
PEARL (GTS)	57.2	114.1	25.70	2.97	4.2	520.8	30.03	0.70	0.0	0.0	0.0	98.1	1.9	0.0
COMPANY TOTALS	57.2	114.1	25.70	2.97	4.2	520.8	30.03	0.70	0.0	0.0	0.0	98.1	1.9	0.0
WINNETKA, VILLAGE OF														
WINNETKA	0.0	0.0	0.0	0.0	2.0	495.6	28.72	0.50	37.1	290.9	2.97	0.0	23.8	76.2
COMPANY TOTALS	0.0	0.0	0.0	0.0	2.0	495.6	28.72	0.50	37.1	290.9	2.97	0.0	23.8	76.2
INDIANA														
COMMONWEALTH EDISON-INDIANA														
STATE LINE	1423.0	177.8	33.40	0.43	0.0	0.0	0.0	0.0	179.0	221.2	2.26	99.3	0.0	0.7
COMPANY TOTALS	1423.0	177.8	33.40	0.43	0.0	0.0	0.0	0.0	179.0	221.2	2.26	99.3	0.0	0.7
CRAWFORDSVILLE ELEC LT & PWR														
CRAWFORDSVILLE	3.0	110.0	24.57	3.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	3.0	110.0	24.57	3.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
HOOSIER ENERGY DIV-INDIANA REC														
FRANK E RATTS	760.1	75.7	15.82	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	760.1	75.7	15.82	3.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
EAST NORTH CENTRAL REGION														
INDIANA														
INDIANA & MICHIGAN ELEC (AEP)														
BREED	959.0	116.8	25.87	3.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
TANNERS CREEK	2446.5	157.5	36.22	2.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
TWIN BRANCH	0.0	0.0	0.0	0.0	409.1	352.9	20.46	0.38	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	3405.5	146.3	33.30	2.76	409.1	352.9	20.46	0.38	0.0	0.0	0.0	97.0	3.0	0.0
INDIANA-KENTUCKY ELECTRIC CORP														
CLIFTY CREEK	3842.0	96.4	21.12	3.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	3842.0	96.4	21.12	3.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
INDIANAPOLIS POWER & LIGHT														
STOUT	1592.0	105.2	23.00	1.73	61.8	395.4	22.44	0.30	0.0	0.0	0.0	99.0	1.0	0.0
PRITCHARD	541.0	116.1	25.24	2.15	22.9	416.7	23.62	0.30	0.0	0.0	0.0	98.9	1.1	0.0
PERRY	391.0	114.5	25.04	2.22	3.3	348.7	19.73	0.30	0.0	0.0	0.0	99.8	0.2	0.0
PETERSBURG	2986.0	92.2	20.21	3.15	92.4	467.1	26.86	0.30	0.0	0.0	0.0	99.2	0.8	0.0
COMPANY TOTALS	5510.0	99.9	21.86	2.58	180.4	434.2	24.81	0.30	0.0	0.0	0.0	99.2	0.8	0.0
LOGANSPORT INDIANA ELECTRIC DEPT														
LOGANSPORT	67.5	145.1	32.93	1.80	9.3	413.2	23.95	1.00	0.0	0.0	0.0	96.6	3.4	0.0
COMPANY TOTALS	67.5	145.1	32.93	1.80	9.3	413.2	23.95	1.00	0.0	0.0	0.0	96.6	3.4	0.0
NORTHERN INDIANA PUBLIC SERVICE														
BAILLY	1017.8	139.8	30.90	3.09	29.8	494.5	28.87	0.27	983.1	241.5	2.41	95.1	0.7	4.2
MITCHELL	1342.6	182.3	40.76	1.00	44.2	477.9	27.93	0.27	129.6	226.0	2.26	98.7	0.8	0.4
MICHIGAN CITY	1894.1	134.1	28.74	2.49	0.0	0.0	0.0	0.0	916.4	210.4	2.10	97.8	0.0	2.2
ROLLIN SCHAHFER	1090.9	176.2	37.47	1.00	360.0	396.1	23.30	0.26	0.0	0.0	0.0	91.6	8.4	0.0
COMPANY TOTALS	5345.4	156.0	33.95	1.93	434.0	411.1	24.15	0.26	2029.1	226.5	2.26	96.2	2.1	1.7
PERU UTILITIES														
PERU	50.1	131.3	29.61	3.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	50.1	131.3	29.61	3.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
PUBLIC SERV CO OF INDIANA														
CONNERSVILLE (GT)	0.0	0.0	0.0	0.0	19.7	387.8	22.31	0.30	0.0	0.0	0.0	0.0	100.0	0.0
EDWARDSPORT	200.4	91.3	19.40	2.39	34.1	369.2	21.24	0.30	0.0	0.0	0.0	95.6	4.4	0.0
GIBSON STATION	6082.3	109.4	23.42	2.86	152.1	400.0	23.02	0.30	0.0	0.0	0.0	99.3	0.7	0.0
NOBLESVILLE	110.3	121.0	26.89	3.63	4.0	408.8	23.52	0.30	0.0	0.0	0.0	99.1	0.9	0.0
GALLAGHER	1284.4	106.2	23.54	3.33	48.7	435.1	25.04	0.30	0.0	0.0	0.0	99.0	1.0	0.0
WABASH RIVER	1825.7	107.2	23.35	2.23	69.1	396.9	22.84	0.30	0.0	0.0	0.0	99.0	1.0	0.0
CAYUGA	2817.7	90.8	18.69	2.48	32.5	430.8	24.79	0.30	0.0	0.0	0.0	99.7	0.3	0.0
COMPANY TOTALS	12320.8	104.4	22.31	2.73	360.2	403.5	23.22	0.30	0.0	0.0	0.0	99.2	0.8	0.0
RICHMOND POWER & LIGHT														
WHITEWATER	193.5	126.6	27.63	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	193.5	126.6	27.63	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
SOUTHERN INDIANA GAS & ELEC														
A B BROWN	445.3	144.6	32.53	3.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
BROADWAY (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	215.5	149.0	1.50	0.0	0.0	100.0
CULLEY	1125.0	91.2	19.69	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
OHIO RIVER	0.0	0.0	0.0	0.0	15.1	315.7	18.38	0.50	0.0	0.0	0.0	0.0	100.0	0.0
WARRICK	2437.0	101.1	22.36	3.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	4007.3	103.3	22.74	3.32	15.1	315.7	18.38	0.50	215.5	149.0	1.50	99.7	0.1	0.2
MICHIGAN														
CONSUMERS POWER														
COBB	1647.9	138.1	32.00	2.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MORROW	0.0	0.0	0.0	0.0	308.4	269.2	16.84	0.99	416.4	236.3	2.36	0.0	82.2	17.8
KARN/WEADOCK	2284.5	136.4	32.26	2.24	7529.0	316.4	19.22	0.63	0.0	0.0	0.0	54.2	45.8	0.0
GAYLORD (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	981.3	226.9	2.27	0.0	0.0	100.0
CAMPBELL	1542.1	133.3	29.97	2.18	1.8	565.9	31.85	0.10	0.0	0.0	0.0	100.0	0.0	0.0
STRAITS (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.6	288.5	2.89	0.0	0.0	100.0
THETFORD (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2552.8	244.9	2.45	0.0	0.0	100.0
WEADOCK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.2	231.7	2.32	0.0	0.0	100.0
WHITING	918.2	157.7	39.58	0.81	5.2	527.5	29.69	0.10	0.0	0.0	0.0	99.9	0.1	0.0
COMPANY TOTALS	6392.6	139.4	32.69	2.11	7844.4	314.6	19.13	0.65	4082.3	239.9	2.40	74.3	23.6	2.0
DETROIT PUBLIC LIGHTING COMM														
MISTERSKY	0.0	0.0	0.0	0.0	886.6	314.8	19.56	0.90	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	886.6	314.8	19.56	0.90	0.0	0.0	0.0	0.0	100.0	0.0
HOLLAND BOARD OF PUBLIC WKS														
JAMES DE YOUNG	162.0	163.9	40.82	1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	162.0	163.9	40.82	1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
LANSING BD OF WTR & LT														
ECKERT	608.2	173.3	44.34	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
ERICKSON	462.5	167.4	42.08	1.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
OTTAWA	51.5	193.8	50.69	1.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	1122.2	171.8	43.70	1.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MARQUETTE BD OF LT & PWR														
SHIRAS	128.2	150.3	38.80	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	128.2	150.3	38.80	1.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MICHIGAN ST UNIVERSITY														
PLANT #65	164.8	162.9	40.67	0.85	0.0	0.0	0.0	0.0	110.0	260.5	2.61	97.4	0.0	2.6
COMPANY TOTALS	164.8	162.9	40.67	0.85	0.0	0.0	0.0	0.0	110.0	260.5	2.61	97.4	0.0	2.6

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
EAST NORTH CENTRAL REGION														
MICHIGAN														
NORTHERN MICHIGAN ELECTRIC COOP														
ADVANCE	105.7	169.4	42.05	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	105.7	169.4	42.05	1.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
THE DETROIT EDISON CO														
CONNERS CREEK	414.0	166.4	42.69	0.79	17.0	445.0	25.60	0.30	524.0	239.5	2.43	94.4	0.9	4.7
DELRAY	0.0	0.0	0.0	0.0	64.0	301.4	18.80	0.70	12274.0	243.6	2.18	0.0	3.5	96.5
FERMI	0.0	0.0	0.0	0.0	25.0	442.1	25.46	0.27	0.0	0.0	0.0	0.0	100.0	0.0
HANCOCK (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1267.0	251.6	2.54	0.0	0.0	100.0
GREENWOOD	0.0	0.0	0.0	0.0	1578.0	362.1	22.28	0.69	0.0	0.0	0.0	0.0	100.0	0.0
HARBOR BEACH	251.0	155.3	38.97	1.96	27.0	389.4	22.36	0.20	0.0	0.0	0.0	97.6	2.4	0.0
MARYSVILLE	316.0	158.3	39.92	0.80	0.0	0.0	0.0	0.0	189.0	267.8	2.69	97.7	0.0	2.3
NORTHEAST (GT)	0.0	0.0	0.0	0.0	39.0	398.0	22.88	0.20	565.0	252.3	2.55	0.0	28.2	71.8
PENNSALT	120.0	165.8	42.20	0.83	74.0	405.2	23.33	0.28	0.0	0.0	0.0	87.8	12.2	0.0
PLACID (IC)	0.0	0.0	0.0	0.0	10.0	321.0	18.51	0.03	0.0	0.0	0.0	0.0	100.0	0.0
RIVER ROUGE	1434.0	160.8	38.17	0.79	1592.0	298.6	18.43	0.70	10748.0	165.3	0.22	75.1	21.7	3.2
ST CLAIR	2899.0	136.8	27.41	0.67	1736.0	315.8	19.71	0.68	136.0	260.1	2.60	84.1	15.7	0.2
SUPERIOR (GT)	0.0	0.0	0.0	0.0	42.0	385.8	22.21	0.19	0.0	0.0	0.0	0.0	100.0	0.0
TRENTON CHANNEL	1648.0	163.5	41.22	0.92	149.0	380.7	21.95	0.24	0.0	0.0	0.0	98.0	2.0	0.0
MONROE	6912.0	134.5	33.55	2.37	563.0	386.8	22.27	0.23	0.0	0.0	0.0	98.2	1.8	0.0
COMPANY TOTALS	13994.0	143.4	34.24	1.59	5916.0	334.5	20.48	0.62	25703.0	237.4	1.40	86.7	9.4	3.9
TRAVERSE, CITY OF														
BAYSIDE	24.0	179.1	45.72	0.88	0.0	0.0	0.0	0.0	485.0	215.1	2.22	55.1	0.0	44.9
COMPANY TOTALS	24.0	179.1	45.72	0.88	0.0	0.0	0.0	0.0	485.0	215.1	2.22	55.1	0.0	44.9
UPPER PENINSULA GEN CO														
PRESQUE ISLE	2120.0	168.3	35.46	0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	2120.0	168.3	35.46	0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
UPPER PENINSULA POWER														
ESCANABA	58.0	160.3	41.24	1.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	58.0	160.3	41.24	1.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
WYANDOTTE DEPT OF MUN SERVICE														
WYANDOTTE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2154.2	219.0	2.21	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2154.2	219.0	2.21	0.0	0.0	100.0
OHIO														
CARDINAL OPERATING CO (AEP)														
CARDINAL	4358.2	120.9	27.74	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	4358.2	120.9	27.74	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
CLEVELAND, CITY OF														
41 ST (GT)	0.0	0.0	0.0	0.0	5.1	390.3	22.95	0.50	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	5.1	390.3	22.95	0.50	0.0	0.0	0.0	0.0	100.0	0.0
CLEVELAND ELECTRIC ILLUM CO														
ASHTABULA	1112.2	128.3	30.44	3.79	336.3	315.2	19.87	1.54	0.0	0.0	0.0	92.6	7.4	0.0
AVON LAKE	2303.4	140.6	33.68	2.58	133.7	337.7	20.77	0.88	0.0	0.0	0.0	98.5	1.5	0.0
EASTLAKE	2546.9	149.8	36.47	3.26	76.1	405.8	23.44	0.30	0.0	0.0	0.0	99.3	0.7	0.0
LAKE SHORE	587.4	172.1	41.48	0.70	1004.3	290.3	18.51	1.46	0.0	0.0	0.0	68.9	31.1	0.0
COMPANY TOTALS	6549.9	145.0	34.91	2.88	1550.4	304.9	19.24	1.37	0.0	0.0	0.0	94.2	5.8	0.0
COLUMBUS & SOUTHERN OHIO ELEC														
CONESVILLE	3551.7	110.4	24.39	4.36	75.8	418.1	23.63	0.47	0.0	0.0	0.0	99.5	0.5	0.0
PICWAY	188.1	94.3	21.10	4.18	4.0	431.8	24.45	0.41	0.0	0.0	0.0	99.5	0.5	0.0
POSTON	390.0	92.4	20.54	3.92	32.1	402.5	22.93	0.43	0.0	0.0	0.0	97.9	2.1	0.0
WALNUT (GT)	0.0	0.0	0.0	0.0	46.1	432.8	24.69	0.39	373.5	239.7	2.47	0.0	40.6	59.4
COMPANY TOTALS	4129.8	107.9	23.88	4.31	158.0	419.6	23.81	0.44	373.5	239.7	2.47	98.6	1.0	0.4
COLUMBUS DIV OF ELECTRICITY														
COLUMBUS	0.0	0.0	0.0	0.0	0.7	371.6	21.65	0.20	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.7	371.6	21.65	0.20	0.0	0.0	0.0	0.0	100.0	0.0
HAMILTON, CITY OF														
HAMILTON	197.4	141.4	34.62	0.91	5.3	434.1	25.06	0.11	862.9	170.0	1.70	84.4	0.5	15.1
COMPANY TOTALS	197.4	141.4	34.62	0.91	5.3	434.1	25.06	0.11	862.9	170.0	1.70	84.4	0.5	15.1
OHIO EDISON														
EDGEWATER	381.1	133.4	31.92	2.51	63.6	460.7	26.65	0.42	0.0	0.0	0.0	96.1	3.9	0.0
GORGE STEAM	286.9	105.0	24.81	3.36	1.4	429.3	24.64	0.40	0.0	0.0	0.0	99.9	0.1	0.0
MAD RIVER	150.5	137.8	32.48	1.02	71.3	478.9	27.55	0.51	0.0	0.0	0.0	89.6	10.4	0.0
NILES	533.2	100.8	24.40	3.13	34.4	475.8	27.47	0.33	0.0	0.0	0.0	98.5	1.5	0.0
BURGER	1441.7	145.6	35.58	3.64	9.7	454.8	26.35	0.49	0.0	0.0	0.0	99.8	0.2	0.0
TORONTO	551.9	86.4	20.88	3.22	1.3	409.9	23.87	0.55	0.0	0.0	0.0	99.9	0.1	0.0
SAMMIS	3740.5	125.3	30.14	2.35	49.3	438.4	25.60	0.48	0.0	0.0	0.0	99.7	0.3	0.0
W LORAIN (GT)	0.0	0.0	0.0	0.0	294.3	414.5	24.11	0.61	0.0	0.0	0.0	0.0	100.0	0.0
NORWALK	20.6	111.6	25.93	4.10	1.8	415.3	23.80	0.38	0.0	0.0	0.0	97.9	2.1	0.0
COMPANY TOTALS	7106.4	124.5	30.01	2.77	527.1	435.7	25.28	0.54	0.0	0.0	0.0	98.2	1.8	0.0
OHIO ELEC CO (AEP)														
GAVIN	9163.2	164.2	30.44	2.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	9163.2	164.2	30.44	2.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
OHIO POWER (AEP)														
MUSKINGUM	3817.3	112.5	23.65	5.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	3817.3	112.5	23.65	5.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
EAST NORTH CENTRAL REGION														
OHIO														
OHIO VALLEY ELECTRIC COOP														
KYGER CREEK	3159.0	106.0	23.71	3.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	3159.0	106.0	23.71	3.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
ORRVILLE MUNICIPAL UTILITIES														
VINE STREET	109.0	80.0	18.40	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	109.0	80.0	18.40	3.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
PAINESVILLE ELECTRIC LT DEPT														
PAINESVILLE	78.2	123.5	30.97	2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	78.2	123.5	30.97	2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
PIQUA MUNICIPAL POWER SYSTEM														
PIQUA	98.8	108.6	25.92	2.29	2.8	527.3	31.01	0.30	0.0	0.0	0.0	99.3	0.7	0.0
COMPANY TOTALS	98.8	108.6	25.92	2.29	2.8	527.3	31.01	0.30	0.0	0.0	0.0	99.3	0.7	0.0
THE CINCINNATI GAS & ELECTRIC CO														
DICKS CREEK (GT)	0.0	0.0	0.0	0.0	31.4	385.1	22.15	0.17	227.0	225.0	2.30	0.0	43.8	56.2
MIAMI FORT	2927.3	126.7	28.90	1.96	567.7	367.0	21.28	0.24	0.0	0.0	0.0	95.3	4.7	0.0
BECKJORD	2558.5	121.3	26.29	2.35	177.2	400.1	23.23	0.24	0.0	0.0	0.0	98.2	1.8	0.0
COMPANY TOTALS	5485.8	124.2	27.68	2.14	776.3	375.3	21.76	0.24	227.0	225.0	2.30	96.3	3.5	0.2
THE DAYTON POWER & LIGHT CO														
TAIT	354.6	159.8	39.20	0.62	194.2	414.7	23.71	0.23	0.0	0.0	0.0	88.7	11.3	0.0
HUTCHINGS	655.7	161.2	39.76	0.62	14.7	316.8	18.10	0.20	39.2	255.8	2.58	99.2	0.5	0.2
STUART	6311.0	134.2	30.09	1.22	27.2	457.3	26.20	0.30	0.0	0.0	0.0	99.9	0.1	0.0
YANKEE ST (GT)	0.0	0.0	0.0	0.0	1.5	458.6	26.11	0.19	262.8	256.6	2.59	0.0	3.1	96.9
COMPANY TOTALS	7321.3	138.2	31.40	1.14	237.6	413.8	23.66	0.23	302.0	256.5	2.59	99.0	0.8	0.2
THE TOLEDO EDISON CO														
ACME	308.6	144.0	34.93	2.23	105.3	286.9	17.82	1.05	880.5	169.7	0.93	86.8	7.6	5.6
BAY SHORE	1494.0	167.8	42.84	0.94	14.4	367.5	21.21	0.40	0.0	0.0	0.0	99.8	0.2	0.0
DEFIANCE (GT)	0.0	0.0	0.0	0.0	9.8	482.5	27.98	0.40	77.8	208.6	2.07	0.0	42.5	57.5
COMPANY TOTALS	1802.6	163.9	41.49	1.16	129.5	309.4	18.97	0.93	958.3	175.0	1.03	97.1	1.7	1.2
WISCONSIN														
DAIRYLAND POWER COOPERATIVE														
ALMA/MADGETT	628.2	125.2	24.51	2.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
GENOA #3	924.3	124.0	25.19	2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
STONEMAN	151.2	123.0	27.35	3.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
ALMA/MADGETT	64.8	134.7	22.03	0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	1768.5	124.6	25.02	2.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
LAKE SUPERIOR DIST POWER														
BAY FRONT	116.9	154.6	29.51	1.17	0.0	0.0	0.0	0.0	369.9	168.6	1.66	86.0	0.0	14.0
COMPANY TOTALS	116.9	154.6	29.51	1.17	0.0	0.0	0.0	0.0	369.9	168.6	1.66	86.0	0.0	14.0
MADISON GAS & ELECTRIC														
FITCHBURG (GT)	0.0	0.0	0.0	0.0	0.4	591.3	34.27	0.50	517.5	225.7	2.27	0.0	0.4	99.6
BLOUNT	199.4	152.7	36.86	3.24	13.9	308.7	17.89	0.50	2140.7	208.2	2.09	68.3	1.1	30.6
SYCAMORE (GT)	0.0	0.0	0.0	0.0	12.4	590.5	34.22	0.50	253.1	240.3	2.42	0.0	22.0	78.0
COMPANY TOTALS	199.4	152.7	36.86	3.24	26.7	443.8	25.72	0.50	2911.3	214.1	2.15	61.0	2.0	37.1
MANITOWOC PUBLIC UTILITIES														
MANITOWOC	58.3	203.6	47.70	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	58.3	203.6	47.70	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MARSHFIELD ELEC & WTR DEPT														
WILDWOOD	73.1	170.5	41.08	2.58	0.5	304.5	17.91	0.40	130.5	242.8	2.47	92.8	0.2	7.0
COMPANY TOTALS	73.1	170.5	41.08	2.58	0.5	304.5	17.91	0.40	130.5	242.8	2.47	92.8	0.2	7.0
MENASHA ELEC & WTR UTILITIES														
MENASHA	39.7	165.6	41.26	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	39.7	165.6	41.26	2.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
NORTHERN STATES POWER														
WHEATON (GT)	0.0	0.0	0.0	0.0	119.0	521.4	30.66	0.90	0.0	0.0	0.0	0.0	100.0	0.0
FRENCH IS (CS)	0.0	0.0	0.0	0.0	100.3	466.7	27.44	0.90	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	219.3	496.4	29.19	0.90	0.0	0.0	0.0	0.0	100.0	0.0
SUPERIOR WTR LT & PWR														
WINSLOW	0.0	0.0	0.0	0.0	67.8	245.7	15.54	1.76	40.4	190.2	1.89	0.0	91.4	8.6
COMPANY TOTALS	0.0	0.0	0.0	0.0	67.8	245.7	15.54	1.76	40.4	190.2	1.89	0.0	91.4	8.6
WISCONSIN ELECTRIC POWER														
COMMERCE	0.0	0.0	0.0	0.0	25.5	302.1	17.39	0.26	1976.3	231.8	2.36	0.0	6.8	93.2
GERMANTOWN	0.0	0.0	0.0	0.0	177.7	410.6	23.81	0.26	0.0	0.0	0.0	0.0	100.0	0.0
LAKESIDE	0.0	0.0	0.0	0.0	240.6	305.5	17.63	0.29	9745.4	226.1	2.29	0.0	12.3	87.7
OAK CREEK	2690.3	124.7	28.77	2.20	70.0	373.0	21.65	0.28	353.9	246.5	2.50	98.8	0.6	0.6
PORT WASHINGTON	692.6	132.2	32.18	3.03	5.8	394.3	22.92	0.27	0.0	0.0	0.0	99.8	0.2	0.0
VALLEY	679.4	145.0	34.45	2.97	0.0	0.0	0.0	0.0	213.2	244.1	2.48	98.7	0.0	1.3
COMPANY TOTALS	4062.3	129.4	30.30	2.47	519.6	351.5	20.34	0.28	12288.8	227.9	2.31	86.0	2.7	11.3
WISCONSIN POWER & LIGHT														
BLACKHAWK	56.5	160.3	34.68	2.71	0.0	0.0	0.0	0.0	69.2	308.1	3.11	94.6	0.0	5.4
COLUMBIA	3766.4	102.0	17.46	0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
EDGEWATER	1048.9	139.5	29.74	2.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
NELSON DEWEY	564.1	118.6	25.36	3.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
ROCK RIVER	261.2	157.9	34.27	2.70	8.1	572.2	33.58	0.29	1018.7	280.4	2.79	84.2	0.7	15.0
COMPANY TOTALS	5697.1	115.5	21.44	1.40	8.1	572.2	33.58	0.29	1087.9	282.2	2.81	98.9	0.0	1.0

PLANT FOSSIL FUEL QUANTITY, QUALITY, AND PRICE DATA FOR CALENDAR YEAR 1979

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
WISCONSIN														
EAST NORTH CENTRAL REGION														
WISCONSIN PUBLIC SERVICE CORP														
PULLIAM	1019.2	136.2	32.74	3.15	286.5	295.8	17.02	0.22	11.2	229.3	2.34	93.7	6.3	0.0
W MARINETTE (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196.1	223.0	2.27	0.0	0.0	100.0
WESTON	348.5	156.8	35.19	3.62	7.3	394.1	22.84	0.19	340.8	223.7	2.28	95.3	0.5	4.2
COMPANY TOTALS	1367.7	141.2	33.36	3.27	293.8	298.2	17.17	0.22	548.1	223.5	2.28	93.5	4.9	1.6

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
WEST NORTH CENTRAL REGION														
IOWA														
AMES, CITY OF														
AMES	175.3	157.8	29.78	2.55	8.5	281.8	16.38	0.40	24.4	152.3	1.52	97.8	1.5	0.7
COMPANY TOTALS	175.3	157.8	29.78	2.55	8.5	281.8	16.38	0.40	24.4	152.3	1.52	97.8	1.5	0.7
CEDAR FALLS UTILITIES														
STREETER	79.2	161.5	37.48	2.13	0.0	0.0	0.0	0.0	98.7	183.9	1.84	94.9	0.0	5.1
COMPANY TOTALS	79.2	161.5	37.48	2.13	0.0	0.0	0.0	0.0	98.7	183.9	1.84	94.9	0.0	5.1
CORN BELT PWR COOP														
HUMBOLDT	100.9	165.3	38.74	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
WISDOM	98.3	144.6	35.11	3.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	199.2	154.9	36.95	3.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
EASTERN IOWA LT & PWR														
FAIR	110.5	126.9	27.04	2.74	0.0	0.0	0.0	0.0	7.4	197.2	2.03	99.7	0.0	0.3
COMPANY TOTALS	110.5	126.9	27.04	2.74	0.0	0.0	0.0	0.0	7.4	197.2	2.03	99.7	0.0	0.3
INTERSTATE POWER														
DUBUQUE	175.1	126.1	27.39	2.76	27.1	481.1	28.29	0.30	1496.8	182.9	1.80	70.0	2.9	27.1
LANSING	721.9	151.3	27.02	1.13	7.6	457.8	26.92	0.34	0.0	0.0	0.0	99.7	0.3	0.0
KAPP	444.7	124.0	27.02	2.94	2.0	381.1	22.41	0.30	498.1	167.1	1.64	95.1	0.1	4.8
COMPANY TOTALS	1341.7	137.6	27.07	1.94	36.7	470.8	27.69	0.31	1994.9	178.9	1.76	92.4	0.8	6.9
IOWA ELECTRIC LIGHT & POWER														
BOONE	14.2	162.7	32.39	3.36	0.0	0.0	0.0	0.0	106.0	211.3	2.09	73.0	0.0	27.0
6TH ST	118.0	184.2	37.67	2.05	1.8	325.9	18.97	0.02	1871.0	223.4	2.30	55.5	0.2	44.2
PRAIRE CREEK #4	441.1	203.1	40.40	1.69	1.4	384.5	22.37	0.0	210.0	208.9	2.14	97.5	0.1	2.4
PRAIRE CREEK #1-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	770.0	211.6	2.17	0.0	0.0	100.0
SUTHERLAND	399.4	155.6	30.72	4.01	6.5	601.8	35.01	0.0	161.0	187.7	1.86	97.6	0.5	2.0
COMPANY TOTALS	972.7	180.8	35.98	2.71	9.7	519.2	30.21	0.00	3118.0	217.3	2.23	85.6	0.2	14.1
IOWA-ILLINOIS GAS & ELECTRIC														
CORALVILLE (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	193.0	1.98	0.0	0.0	100.0
RIVERSIDE	469.3	143.5	28.94	2.56	77.1	444.1	25.68	0.0	1257.8	209.1	2.15	84.5	4.0	11.6
COMPANY TOTALS	469.3	143.5	28.94	2.56	77.1	444.1	25.68	0.0	1273.1	208.9	2.15	84.3	4.0	11.7
IOWA PUBLIC SERVICE														
ELECTRIFARM (GT)	0.0	0.0	0.0	0.0	222.6	346.5	20.38	0.02	0.0	0.0	0.0	0.0	100.0	0.0
GEORGE NEAL	2621.6	128.4	22.59	0.44	30.0	565.5	33.25	0.10	589.8	188.9	1.89	98.4	0.4	1.3
MAYNARD	34.4	165.7	37.23	0.48	21.3	323.0	18.99	0.07	342.7	171.1	1.71	62.3	10.1	27.6
MERL PARR (GT)	0.0	0.0	0.0	0.0	27.4	348.5	20.49	0.01	22.1	171.7	1.72	0.0	87.9	12.1
NEAL #3	1923.0	115.5	23.32	0.79	7.1	561.0	32.99	0.0	0.0	0.0	0.0	99.9	0.1	0.0
COMPANY TOTALS	4579.0	122.9	23.01	0.59	308.4	371.3	21.83	0.03	954.6	182.1	1.82	96.9	2.0	1.1
IOWA POWER & LIGHT														
COUNCIL BLUFFS	2562.6	70.5	11.76	0.37	867.7	323.6	18.48	0.0	68.7	212.0	2.10	89.5	10.4	0.1
DES MOINES	462.2	115.3	22.83	2.00	132.8	326.5	18.65	0.35	244.5	167.3	1.65	90.2	7.5	2.4
RIVER HILLS (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	234.3	196.9	1.94	0.0	0.0	100.0
COMPANY TOTALS	3024.8	78.4	13.45	0.62	1000.5	324.0	18.51	0.05	547.5	185.6	1.83	89.2	9.8	0.9
IOWA SOUTHERN UTILITIES														
BRIDGEPORT	7.7	137.8	27.76	2.77	22.2	428.1	24.79	0.40	0.0	0.0	0.0	54.7	45.3	0.0
BURLINGTON	451.6	128.7	26.71	2.50	1.6	426.4	24.70	0.40	0.0	0.0	0.0	99.9	0.1	0.0
OTTUMWA	0.0	0.0	0.0	0.0	40.6	601.7	34.84	0.40	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	459.3	128.9	26.73	2.50	64.4	537.5	31.13	0.40	0.0	0.0	0.0	96.2	3.8	0.0
MUSCATINE PWR & WTR														
MUSCATINE	339.4	129.6	28.24	2.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	339.4	129.6	28.24	2.77	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
PELLA MUNICIPAL POWER & LIGHT														
PELLA	100.8	121.7	24.40	3.16	166.7	509.3	29.95	0.0	0.0	0.0	0.0	67.3	32.7	0.0
COMPANY TOTALS	100.8	121.7	24.40	3.16	166.7	509.3	29.95	0.0	0.0	0.0	0.0	67.3	32.7	0.0
KANSAS														
CENTRAL TELE AND UTIL CORP-KAN														
CIMARRON RIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5286.6	163.7	1.58	0.0	0.0	100.0
LARGE	0.0	0.0	0.0	0.0	210.0	242.2	14.75	0.75	4031.4	149.4	1.40	0.0	25.3	74.7
MULLERGREN	0.0	0.0	0.0	0.0	87.2	267.2	16.27	0.75	4482.8	137.8	1.31	0.0	11.1	88.9
COMPANY TOTALS	0.0	0.0	0.0	0.0	297.2	249.5	15.20	0.75	13800.7	151.2	1.44	0.0	12.1	87.9
COFFEYVILLE MUNI LT & WTR DEPT														
COFFEYVILLE	0.0	0.0	0.0	0.0	9.3	250.2	15.55	0.70	1562.9	127.9	1.28	0.0	3.5	96.5
COMPANY TOTALS	0.0	0.0	0.0	0.0	9.3	250.2	15.55	0.70	1562.9	127.9	1.28	0.0	3.5	96.5
EMPIRE DIST ELECTRIC														
RIVERTON	215.4	133.4	32.32	1.81	47.9	239.6	15.09	1.30	2489.9	147.9	1.50	64.9	3.7	31.4
COMPANY TOTALS	215.4	133.4	32.32	1.81	47.9	239.6	15.09	1.30	2489.9	147.9	1.50	64.9	3.7	31.4
KANSAS CITY POWER & LIGHT														
LA CYGNE	3264.7	77.7	13.72	2.11	89.4	325.6	18.89	0.30	0.0	0.0	0.0	99.1	0.9	0.0
COMPANY TOTALS	3264.7	77.7	13.72	2.11	89.4	325.6	18.89	0.30	0.0	0.0	0.0	99.1	0.9	0.0
KANSAS CITY BD PUB UTILS														
KAW	374.6	123.9	29.44	3.28	0.9	443.7	25.71	0.50	2172.7	139.3	1.41	80.2	0.0	19.8
QUINDARO	356.6	115.7	28.35	3.21	34.9	571.7	33.14	0.50	4251.8	150.3	1.43	67.3	1.6	31.1
COMPANY TOTALS	731.2	119.9	28.91	3.25	35.8	568.5	32.95	0.50	6424.4	146.5	1.42	73.2	0.9	25.9

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
WEST NORTH CENTRAL REGION														
KANSAS														
KANSAS GAS & ELECTRIC														
EVANS	0.0	0.0	0.0	0.0	488.7	188.5	12.05	1.43	24055.7	141.8	1.34	0.0	12.1	87.9
GILL	0.0	0.0	0.0	0.0	339.0	205.5	13.02	1.66	15454.7	138.2	1.35	0.0	12.4	87.6
NEOSHO	0.0	0.0	0.0	0.0	113.0	204.7	12.90	2.31	2625.6	148.6	1.51	0.0	21.0	79.0
RIPLEY	0.0	0.0	0.0	0.0	123.0	201.8	12.85	1.70	1837.4	148.8	1.48	0.0	30.0	70.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	1063.7	197.1	12.54	1.63	43973.4	141.3	1.36	0.0	13.8	86.2
MCPHERSON BD OF PUB UTILS														
MCPHERSON (CS)	0.0	0.0	0.0	0.0	31.3	246.6	15.17	0.83	1537.0	136.4	1.32	0.0	11.5	88.5
COMPANY TOTALS	0.0	0.0	0.0	0.0	31.3	246.6	15.17	0.83	1537.0	136.4	1.32	0.0	11.5	88.5
SUNFLOWER ELEC COOP INC														
GARDEN CITY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9919.6	186.1	1.59	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9919.6	186.1	1.59	0.0	0.0	100.0
THE CENTRAL KANSAS POWER CO														
ROSS BEACH	0.0	0.0	0.0	0.0	37.2	233.2	14.69	0.82	3213.2	106.8	1.00	0.0	7.2	92.8
COMPANY TOTALS	0.0	0.0	0.0	0.0	37.2	233.2	14.69	0.82	3213.2	106.8	1.00	0.0	7.2	92.8
THE KANSAS POWER & LIGHT CO														
HUTCHINSON	0.0	0.0	0.0	0.0	363.3	231.0	14.31	1.26	15508.7	131.3	1.31	0.0	12.7	87.3
JEFFREY ENERGY CNT	3031.5	79.5	13.35	0.34	108.6	336.2	19.91	0.66	0.0	0.0	0.0	98.8	1.2	0.0
LAWRENCE	1420.1	142.8	29.93	0.61	109.2	209.4	13.20	1.36	924.8	138.2	1.42	94.8	2.2	3.0
ABILENE	0.0	0.0	0.0	0.0	19.4	221.0	13.87	1.20	1593.1	133.3	1.31	0.0	7.2	92.8
TECUMSEH	431.0	141.3	29.40	0.60	241.5	253.4	15.51	1.02	1890.0	139.4	1.43	72.4	11.9	15.7
COMPANY TOTALS	4882.6	106.7	19.59	0.44	842.0	247.4	15.22	1.13	19916.6	132.5	1.33	78.1	4.5	17.4
WELLINGTON,CITY OF														
WELLINGTON	0.0	0.0	0.0	0.0	0.4	551.2	32.32	0.02	918.7	138.9	1.40	0.0	0.2	99.8
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.4	551.2	32.32	0.02	918.7	138.9	1.40	0.0	0.2	99.8
WINFIELD MUN ELEC LT DEPT														
WINFIELD	5.8	135.3	23.00	0.74	0.0	0.0	0.0	0.0	707.7	164.3	1.86	10.9	0.0	89.1
COMPANY TOTALS	5.8	135.3	23.00	0.74	0.0	0.0	0.0	0.0	707.7	164.3	1.86	10.9	0.0	89.1
MINNESOTA														
AUSTIN UTILITIES														
AUSTIN/NORTHEAST	50.1	160.3	40.34	1.88	25.7	224.2	13.89	1.89	605.8	175.0	1.72	62.6	7.9	29.6
DOWNTOWN/4TH AVE	0.0	0.0	0.0	0.0	34.5	239.2	14.76	1.51	1021.9	175.3	1.73	0.0	17.4	82.6
COMPANY TOTALS	50.1	160.3	40.34	1.88	60.1	232.7	14.39	1.67	1627.7	175.2	1.72	39.0	11.5	49.5
COOPERATIVE POWER ASSOC														
ST BONIFACIUS	0.0	0.0	0.0	0.0	0.8	77.2	4.51	0.40	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.8	77.2	4.51	0.40	0.0	0.0	0.0	0.0	100.0	0.0
INTERSTATE POWER														
FOX LAKE	67.0	160.6	27.76	0.71	319.7	284.6	17.62	1.08	1129.9	170.2	1.68	27.2	46.6	26.2
COMPANY TOTALS	67.0	160.6	27.76	0.71	319.7	284.6	17.62	1.08	1129.9	170.2	1.68	27.2	46.6	26.2
MINNESOTA POWER & LIGHT														
AURORA	334.1	125.9	21.19	1.08	5.9	255.6	15.87	1.41	0.0	0.0	0.0	99.4	0.6	0.0
BOSWELL	2449.5	98.7	17.21	0.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
HIBBARD	0.0	0.0	0.0	0.0	402.8	257.9	16.37	1.71	22.6	225.4	2.25	0.0	99.1	0.9
COMPANY TOTALS	2783.6	101.8	17.68	0.90	408.7	257.9	16.36	1.71	22.6	225.4	2.25	94.9	5.1	0.0
MOORHEAD PUB SERV DEPT														
MOORHEAD	161.9	87.8	12.30	0.56	1.3	426.7	25.09	0.0	0.0	0.0	0.0	99.7	0.3	0.0
COMPANY TOTALS	161.9	87.8	12.30	0.56	1.3	426.7	25.09	0.0	0.0	0.0	0.0	99.7	0.3	0.0
NORTHERN STATES POWER														
BLACK DOG	662.8	108.9	19.93	1.29	11.0	320.5	18.85	0.54	60.0	212.4	2.10	99.0	0.5	0.5
BLUE LAKE (GT)	0.0	0.0	0.0	0.0	35.0	372.8	21.61	0.50	0.0	0.0	0.0	0.0	100.0	0.0
CHEMOLITE (GT)	0.0	0.0	0.0	0.0	0.5	593.3	34.44	0.40	0.0	0.0	0.0	0.0	100.0	0.0
GRANITE CITY (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	158.2	1.55	0.0	0.0	100.0
HIGH BRIDGE	597.5	102.8	18.75	1.18	8.0	316.1	18.59	0.50	227.9	181.8	1.79	97.6	0.4	2.0
KEY CITY (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	209.0	2.05	0.0	0.0	100.0
KING	1333.9	110.5	20.49	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MINN VALLEY	44.7	131.5	23.07	0.89	0.0	0.0	0.0	0.0	0.9	220.0	2.19	99.9	0.0	0.1
RIVERSIDE	872.7	92.2	17.31	1.20	0.0	0.0	0.0	0.0	5.7	209.0	2.02	100.0	0.0	0.0
SHERBURNE COUNTY	5401.6	89.1	15.58	0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
WILMARTH	18.5	127.9	18.38	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
INVER HILLS (GT)	0.0	0.0	0.0	0.0	63.0	463.7	27.26	0.74	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	8931.7	95.4	17.06	0.95	117.5	413.9	24.23	0.63	348.2	188.1	1.85	99.4	0.4	0.2
OTTER TAIL POWER														
HOOT LAKE	519.5	88.9	12.54	0.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	519.5	88.9	12.54	0.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
OWATONNA PUBLIC UTILITIES														
CENTRAL	0.0	0.0	0.0	0.0	102.9	235.0	14.90	1.42	1104.6	167.2	1.67	0.0	37.2	62.8
COMPANY TOTALS	0.0	0.0	0.0	0.0	102.9	235.0	14.90	1.42	1104.6	167.2	1.67	0.0	37.2	62.8
PUB UTILS COMM - NEW ULM														
NEW ULM	78.0	165.7	41.45	2.47	0.5	380.0	22.02	0.48	625.3	170.7	1.71	75.6	0.1	24.2
COMPANY TOTALS	78.0	165.7	41.45	2.47	0.5	380.0	22.02	0.48	625.3	170.7	1.71	75.6	0.1	24.2
ROCHESTER DEPT PUB UTIL														
CASCADE CRK (GT)	0.0	0.0	0.0	0.0	3.8	465.2	26.56	0.38	0.0	0.0	0.0	0.0	100.0	0.0
SILVER LAKE	254.4	163.7	40.61	2.09	0.0	0.0	0.0	0.0	299.0	168.5	1.70	95.4	0.0	4.6
COMPANY TOTALS	254.4	163.7	40.61	2.09	3.8	465.2	26.56	0.38	299.0	168.5	1.70	95.1	0.3	4.6

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
WEST NORTH CENTRAL REGION														
MINNESOTA														
UNITED POWER ASSOCIATION														
ELK RIVER	81.7	150.4	27.31	0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
CAMBRIDGE	0.0	0.0	0.0	0.0	1.0	489.6	28.54	0.50	0.0	0.0	0.0	0.0	100.0	0.0
MAPLE LAKE	0.0	0.0	0.0	0.0	1.0	421.5	24.57	0.50	0.0	0.0	0.0	0.0	100.0	0.0
ROCK LAKE	0.0	0.0	0.0	0.0	2.3	462.1	26.94	0.50	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	81.7	150.4	27.31	0.76	4.3	459.0	26.76	0.50	0.0	0.0	0.0	98.3	1.7	0.0
VIRGINIA, MINN DEPT OF PUB UTIL														
VIRGINIA	127.2	147.7	26.18	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	127.2	147.7	26.18	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
WILLMAR MUN UTIL COMM														
WILLMAR	68.7	149.3	26.48	0.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	68.7	149.3	26.48	0.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MISSOURI														
ARKANSAS-MISSOURI POWER														
JIM HILL	0.0	0.0	0.0	0.0	53.5	267.7	16.83	1.06	1087.9	221.5	2.28	0.0	23.1	76.9
COMPANY TOTALS	0.0	0.0	0.0	0.0	53.5	267.7	16.83	1.06	1087.9	221.5	2.28	0.0	23.1	76.9
ASSOCIATED ELEC COOP-MISSOURI														
HILL	1536.0	96.5	18.97	4.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MADRID	2852.8	100.8	21.75	3.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	4388.8	99.4	20.78	3.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
CENTRAL ELEC PWR COOP-MISSOURI														
CHAMOIS	74.0	133.5	29.06	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	74.0	133.5	29.06	3.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
CITY OF INDEPENDENCE PWR & LT														
BLUE VALLEY	168.1	117.7	28.95	3.86	81.1	370.8	21.38	0.38	2598.3	139.6	1.37	57.8	6.5	35.7
JACKSON SQ (GT)	0.0	0.0	0.0	0.0	2.2	476.7	27.42	0.33	0.0	0.0	0.0	0.0	100.0	0.0
SUB H (GT)	0.0	0.0	0.0	0.0	3.9	488.0	28.12	0.33	401.3	138.1	1.36	0.0	5.4	94.6
SUB 1 (GT)	0.0	0.0	0.0	0.0	12.7	503.4	29.00	0.33	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	168.1	117.7	28.95	3.86	99.9	394.6	22.75	0.37	2999.6	139.4	1.37	54.0	7.5	38.5
CITY UTILITIES OF SPRINGFIELD														
JAMES RIVER	195.3	119.6	28.24	3.81	24.2	308.8	17.01	0.16	1721.6	147.0	1.49	71.1	2.1	26.9
SOUTHWEST	238.0	115.1	26.92	3.79	361.7	516.9	30.00	0.19	0.0	0.0	0.0	72.6	27.4	0.0
COMPANY TOTALS	433.3	117.2	27.52	3.80	385.9	504.5	29.19	0.19	1721.6	147.0	1.49	71.9	15.8	12.3
COLUMBIA WATER & LIGHT														
COLUMBIA	72.8	123.2	26.86	4.03	0.0	0.0	0.0	0.0	345.1	198.2	1.99	82.1	0.0	17.9
COMPANY TOTALS	72.8	123.2	26.86	4.03	0.0	0.0	0.0	0.0	345.1	198.2	1.98	82.1	0.0	17.9
EMPIRE DIST ELECTRIC														
ASBURY	648.0	79.0	16.82	4.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	648.0	79.0	16.82	4.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
KANSAS CITY POWER & LIGHT														
GRAND AVE	149.8	104.4	25.11	3.91	61.7	310.3	18.00	0.30	922.5	154.0	1.46	74.5	7.4	18.1
HAWTHORNE	1196.5	85.8	18.43	1.88	120.7	328.1	19.03	0.30	5447.0	153.1	1.45	81.4	2.2	16.4
MONTROSE	1802.2	80.9	15.38	5.36	9.7	394.0	22.85	0.29	0.0	0.0	0.0	99.8	0.2	0.0
NORTHEAST	0.0	0.0	0.0	0.0	121.5	470.6	27.28	0.26	1108.9	149.2	1.42	0.0	40.1	59.9
IATAN	412.2	95.9	15.94	0.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	3560.7	85.4	16.88	3.55	313.6	381.8	22.14	0.28	7478.4	152.6	1.45	88.8	2.3	9.0
MARSHALL MUN UTIL														
MARSHALL	11.0	116.0	25.52	3.94	0.0	0.0	0.0	0.0	994.0	147.4	1.47	19.6	0.0	80.4
COMPANY TOTALS	11.0	116.0	25.52	3.94	0.0	0.0	0.0	0.0	994.0	147.4	1.47	19.6	0.0	80.4
MISSOURI POWER & LIGHT														
FAIRGROUNDS	0.0	0.0	0.0	0.0	3.0	501.9	29.51	0.10	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	3.0	501.9	29.51	0.10	0.0	0.0	0.0	0.0	100.0	0.0
MISSOURI PUBLIC SERVICE														
GREENWOOD ENERGY C	0.0	0.0	0.0	0.0	24.7	703.8	40.83	0.0	0.0	0.0	0.0	0.0	100.0	0.0
KCI ENERGY CENTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.8	153.6	1.47	0.0	0.0	100.0
GREEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1399.9	143.0	1.44	0.0	0.0	100.0
SIBLEY	816.2	116.9	26.39	3.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	816.2	116.9	26.39	3.34	24.7	703.8	40.83	0.0	1446.7	143.3	1.44	92.0	0.7	7.3
ST JOSEPH LIGHT & POWER														
EDMOND	0.0	0.0	0.0	0.0	31.5	213.2	13.48	2.70	295.3	139.5	1.35	0.0	41.0	59.0
LAKEROAD	305.5	135.3	29.72	4.32	103.0	209.8	13.31	2.57	3173.9	141.4	1.37	64.3	6.3	29.5
COMPANY TOTALS	305.5	135.3	29.72	4.32	134.5	210.6	13.35	2.60	3469.2	141.2	1.37	61.4	7.8	30.8
UNION ELECTRIC														
ASHLEY	0.0	0.0	0.0	0.0	433.0	246.8	15.89	1.75	0.0	0.0	0.0	0.0	100.0	0.0
HOWARD BEND (GT)	0.0	0.0	0.0	0.0	2.0	503.8	28.99	0.30	0.0	0.0	0.0	0.0	100.0	0.0
MERAMEC	1298.0	159.4	40.09	1.34	14.0	434.4	24.41	0.28	131.0	253.2	2.62	99.3	0.2	0.4
RUSH ISLAND	2817.0	134.5	28.37	0.90	50.0	367.7	21.16	0.37	0.0	0.0	0.0	99.5	0.5	0.0
SIOUX	2385.0	114.0	23.96	2.03	10.0	428.9	24.68	0.38	0.0	0.0	0.0	99.9	0.1	0.0
LABADIE	5840.9	89.1	19.73	2.31	224.0	426.5	24.54	0.33	0.0	0.0	0.0	99.0	1.0	0.0
MOREAU (GT)	0.0	0.0	0.0	0.0	5.0	498.6	28.69	0.30	0.0	0.0	0.0	0.0	100.0	0.0
MEXICO (GT)	0.0	0.0	0.0	0.0	2.0	496.1	28.55	0.30	0.0	0.0	0.0	0.0	100.0	0.0
MOBERLY (GT)	0.0	0.0	0.0	0.0	3.0	487.8	28.07	0.30	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	12340.9	112.1	24.66	1.83	743.0	314.4	19.34	1.16	131.0	253.2	2.62	98.3	1.7	0.0

PLANT FOSSIL FUEL QUANTITY, QUALITY, AND PRICE DATA FOR CALENDAR YEAR 1979

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
WEST NORTH CENTRAL REGION														
NEBRASKA														
FREMONT DEPT OF PUB UTILS														
WRIGHT	248.9	138.5	29.95	0.40	6.3	256.4	9.91	0.0	110.0	203.2	2.03	97.6	0.4	2.0
COMPANY TOTALS	248.9	138.5	29.95	0.40	6.3	256.4	9.91	0.0	110.0	203.2	2.03	97.6	0.4	2.0
GRAND ISLAND UTILITIES														
BUROICK	0.0	0.0	0.0	0.0	142.5	223.4	14.43	1.99	2567.8	143.8	1.36	0.0	27.6	72.4
COMPANY TOTALS	0.0	0.0	0.0	0.0	142.5	223.4	14.43	1.99	2567.8	143.8	1.36	0.0	27.6	72.4
HASTINGS UTILITIES														
NORTH DENVER	0.0	0.0	0.0	0.0	54.2	217.0	13.67	0.93	1541.3	142.9	1.34	0.0	19.1	80.9
DON HENRY	0.0	0.0	0.0	0.0	2.0	253.6	15.76	0.41	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	56.2	218.3	13.74	0.91	1541.3	142.9	1.34	0.0	19.6	80.4
LINCOLN ELECTRIC SYSTEM														
LINCOLN K	0.0	0.0	0.0	0.0	6.2	255.4	16.53	1.09	29.4	237.4	2.35	0.0	57.8	42.2
ROKEBY	0.0	0.0	0.0	0.0	1.3	550.0	31.88	0.33	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	7.5	302.2	19.20	0.96	29.4	237.4	2.35	0.0	61.9	38.1
NEBRASKA PUBLIC POWER SYS														
GERALD GENTLEMAN	1298.2	66.8	11.77	0.39	117.9	429.9	24.94	0.28	0.0	0.0	0.0	97.1	2.9	0.0
HEBON PKG (GT)	0.0	0.0	0.0	0.0	9.5	429.3	25.17	0.28	0.0	0.0	0.0	0.0	100.0	0.0
HALLAM PKG (GT)	0.0	0.0	0.0	0.0	26.5	350.1	19.75	0.14	0.0	0.0	0.0	0.0	100.0	0.0
KRAMER	253.6	149.6	30.39	0.47	0.0	0.0	0.0	0.0	14.6	217.4	2.15	99.7	0.0	0.3
MCCOOK PKG (GT)	0.0	0.0	0.0	0.0	6.1	426.9	25.29	0.26	0.0	0.0	0.0	0.0	100.0	0.0
BLUFFS	0.0	0.0	0.0	0.0	98.3	259.0	16.21	1.00	1770.9	141.9	1.47	0.0	25.2	74.8
SHELOON	366.2	158.6	36.81	0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	1917.9	99.8	19.01	0.47	258.3	353.8	21.10	0.54	1785.5	142.5	1.47	91.5	3.9	4.6
OMAHA PUBLIC POWER DISTRICT														
JONES ST	0.0	0.0	0.0	0.0	73.8	607.5	35.21	0.10	24.7	184.7	1.82	0.0	94.6	5.4
NORTH OMAHA	1231.0	115.9	24.05	0.86	0.0	0.0	0.0	0.0	119.8	190.4	1.88	99.5	0.0	0.5
NEBRASKA CITY	789.6	125.3	20.41	0.37	13.4	525.8	30.49	0.10	0.0	0.0	0.0	99.4	0.6	0.0
SARPY COUNTY (GT)	0.0	0.0	0.0	0.0	12.9	612.1	35.48	0.10	60.4	178.5	1.76	0.0	55.7	44.3
COMPANY TOTALS	2020.6	119.0	22.63	0.67	100.2	597.1	34.61	0.10	204.8	186.2	1.84	98.0	1.5	0.5
THE CENTRAL NEB PUB PWR&IR DEPT														
CANADAY	0.0	0.0	0.0	0.0	193.1	225.7	14.22	1.10	5106.2	142.8	1.33	0.0	20.3	79.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	193.1	225.7	14.22	1.10	5106.2	142.8	1.33	0.0	20.3	79.7
NORTH DAKOTA														
BASIN ELECTRIC POWER COOP														
LELAND OLDS	2804.0	46.6	6.16	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
WM J NEAL	273.5	71.9	9.45	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	3077.5	48.9	6.45	0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COOPERATIVE POWER ASSOC														
COAL CREEK	1147.7	74.5	9.57	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	1147.7	74.5	9.57	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MINNKOTA POWER COOP														
LERFALD	0.0	0.0	0.0	0.0	2.0	452.0	26.58	0.20	0.0	0.0	0.0	0.0	100.0	0.0
YOUNG	3886.8	32.5	4.36	0.69	48.0	391.5	23.02	0.20	0.0	0.0	0.0	99.5	0.5	0.0
COMPANY TOTALS	3886.8	32.5	4.36	0.69	50.1	393.9	23.16	0.20	0.0	0.0	0.0	99.4	0.6	0.0
MONTANA-DAKOTA UTILITIES														
HESKETT	484.5	52.3	7.28	0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	484.5	52.3	7.28	0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
UNITED POWER ASSOCIATION														
STANTON	1005.1	63.2	8.66	0.64	9.2	467.4	27.00	0.50	0.0	0.0	0.0	99.6	0.4	0.0
COMPANY TOTALS	1005.1	63.2	8.66	0.64	9.2	467.4	27.00	0.50	0.0	0.0	0.0	99.6	0.4	0.0
SOUTH DAKOTA														
BLACK HILLS POWER & LIGHT														
BEN FRENCH	101.7	69.7	11.20	0.45	29.7	500.7	28.39	0.31	22.7	238.4	2.22	89.6	9.2	1.2
KIRK	157.9	69.6	11.18	0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	259.6	69.6	11.18	0.44	29.7	500.7	28.39	0.31	22.7	238.4	2.22	95.6	3.9	0.5
NORTHERN STATES POWER														
PATHFINDER	0.0	0.0	0.0	0.0	37.4	221.8	14.07	0.90	149.2	183.1	1.81	0.0	61.6	38.4
COMPANY TOTALS	0.0	0.0	0.0	0.0	37.4	221.8	14.07	0.90	149.2	183.1	1.81	0.0	61.6	38.4
OTTER TAIL POWER														
BIG STONE	2477.3	65.0	8.00	0.70	36.0	473.3	27.43	0.31	0.0	0.0	0.0	99.3	0.7	0.0
COMPANY TOTALS	2477.3	65.0	8.00	0.70	36.0	473.3	27.43	0.31	0.0	0.0	0.0	99.3	0.7	0.0

PLANT FOSSIL FUEL QUANTITY, QUALITY, AND PRICE DATA FOR CALENDAR YEAR 1979

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
SOUTH ATLANTIC REGION														
DELAWARE														
DELMARVA POWER & LIGHT														
CHRISTIANA (GT)	0.0	0.0	0.0	0.0	27.7	437.1	25.61	0.17	0.0	0.0	0.0	0.0	100.0	0.0
DELAWARE CITY	35.3	289.4	82.95	5.36	266.4	401.5	25.06	0.92	757.2	307.8	3.36	28.9	47.5	23.6
EDGEMOOR	0.0	0.0	0.0	0.0	5849.2	328.0	20.31	0.90	2210.9	263.3	2.72	0.0	94.1	5.9
INDIAN RIVER	1010.9	135.3	33.46	1.71	56.6	406.6	23.43	0.28	0.0	0.0	0.0	98.7	1.3	0.0
COMPANY TOTALS	1046.1	141.3	35.13	1.83	6199.9	332.3	20.57	0.89	2968.2	275.2	2.88	38.5	56.9	4.6
DOVER, CITY OF														
MCKEE RUN	0.0	0.0	0.0	0.0	686.5	289.6	18.23	2.07	1157.8	284.4	2.94	0.0	78.3	21.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	686.5	289.6	18.23	2.07	1157.8	284.4	2.94	0.0	78.3	21.7
WASHINGTON D. C.														
POTOMAC ELECTRIC POWER														
BENNING	0.0	0.0	0.0	0.0	1755.8	375.7	22.72	0.84	0.0	0.0	0.0	0.0	100.0	0.0
BUZZARD POINT	0.0	0.0	0.0	0.0	512.0	345.8	21.24	0.92	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	2267.8	368.8	22.39	0.86	0.0	0.0	0.0	0.0	100.0	0.0
FLORIDA														
FLORIDA POWER CORP														
ANCLOTE	0.0	0.0	0.0	0.0	6709.0	287.7	17.98	1.62	0.0	0.0	0.0	0.0	100.0	0.0
AVON PARK	0.0	0.0	0.0	0.0	294.0	274.5	17.19	2.13	1017.0	162.4	1.65	0.0	64.1	35.9
BAYBORO (GT)	0.0	0.0	0.0	0.0	130.0	379.1	21.88	0.23	0.0	0.0	0.0	0.0	100.0	0.0
CRYSTAL RIVER	1559.4	197.0	46.86	1.66	49.0	400.8	23.10	0.18	0.0	0.0	0.0	99.2	0.8	0.0
DEBARY	0.0	0.0	0.0	0.0	533.0	357.9	22.12	0.61	0.0	0.0	0.0	0.0	100.0	0.0
TURNER	0.0	0.0	0.0	0.0	892.0	317.5	19.34	1.51	3434.0	199.6	2.04	0.0	60.8	39.2
HIGGINS	0.0	0.0	0.0	0.0	775.0	303.7	18.77	1.28	1472.0	215.1	2.20	0.0	76.1	23.9
INTERCESSION (GT)	0.0	0.0	0.0	0.0	520.0	379.7	21.97	0.16	0.0	0.0	0.0	0.0	100.0	0.0
BARTOW	0.0	0.0	0.0	0.0	3877.0	261.3	16.29	1.97	3153.0	190.3	1.94	0.0	88.2	11.8
SUWANNEE	0.0	0.0	0.0	0.0	408.0	245.7	15.30	1.93	6732.0	240.2	2.47	0.0	26.9	73.1
COMPANY TOTALS	1559.4	197.0	46.86	1.66	14187.0	288.6	17.91	1.60	15808.0	214.2	2.19	26.2	62.3	11.5
FLORIDA POWER AND LIGHT														
CAPE CANAVERAL	0.0	0.0	0.0	0.0	4701.0	270.2	16.95	2.19	13214.0	100.7	1.01	0.0	69.1	30.9
FORT MYERS	0.0	0.0	0.0	0.0	4509.0	283.6	17.73	2.02	0.0	0.0	0.0	0.0	100.0	0.0
LAUDERDALE	0.0	0.0	0.0	0.0	1245.0	378.2	23.23	0.82	10049.0	99.0	0.98	0.0	43.2	56.8
MANATEE	0.0	0.0	0.0	0.0	9462.0	304.0	19.00	1.15	0.0	0.0	0.0	0.0	100.0	0.0
PORT EVERGLADES	0.0	0.0	0.0	0.0	7355.0	314.7	19.56	1.10	22932.0	95.6	0.96	0.0	66.6	33.4
PUTNAM	0.0	0.0	0.0	0.0	1061.4	451.7	27.00	0.37	0.0	0.0	0.0	0.0	100.0	0.0
RIVERIA	0.0	0.0	0.0	0.0	1849.0	318.7	19.70	0.95	25159.0	94.9	0.95	0.0	31.2	68.8
SANFORD	0.0	0.0	0.0	0.0	4945.0	294.5	18.31	1.43	4021.0	109.1	1.09	0.0	88.4	11.6
TURKEY POINT	0.0	0.0	0.0	0.0	4076.0	299.6	18.75	1.23	15873.0	95.6	0.96	0.0	61.6	38.4
COMPANY TOTALS	0.0	0.0	0.0	0.0	39203.4	304.8	18.99	1.37	91248.0	97.0	0.97	0.0	72.8	27.2
FORT PIERCE, CITY OF														
H D KING	0.0	0.0	0.0	0.0	67.2	257.8	15.96	2.22	2926.5	146.5	1.51	0.0	12.1	87.9
COMPANY TOTALS	0.0	0.0	0.0	0.0	67.2	257.8	15.96	2.22	2926.5	146.5	1.51	0.0	12.1	87.9
GAINESVILLE-ALACHUA COUNTY UTILS														
JR KELLY	0.0	0.0	0.0	0.0	60.4	204.8	12.97	2.20	2397.2	147.5	1.52	0.0	13.4	86.6
DEERHAVEN	0.0	0.0	0.0	0.0	253.6	210.7	13.38	2.19	4884.6	147.7	1.52	0.0	24.3	75.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	314.0	209.6	13.30	2.19	7281.8	147.6	1.52	0.0	21.0	79.0
GULF POWER														
CRIST	1582.0	152.8	36.03	2.54	5.1	281.3	17.30	1.50	5978.9	165.0	2.00	83.7	0.1	16.3
SCHOLTZ	180.7	176.2	44.05	2.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
SMITH	825.2	160.0	38.12	0.71	2.2	484.6	28.60	0.45	0.0	0.0	0.0	99.9	0.1	0.0
COMPANY TOTALS	2587.9	156.8	37.26	1.98	7.3	340.8	20.71	1.18	5978.9	165.0	2.00	89.4	0.1	10.5
JACKSONVILLE ELECTRIC AUTHORITY														
KENNEDY	0.0	0.0	0.0	0.0	2123.1	293.2	18.55	1.09	0.0	0.0	0.0	0.0	100.0	0.0
NORTHSIDE	0.0	0.0	0.0	0.0	5819.2	288.9	18.26	1.42	0.0	0.0	0.0	0.0	100.0	0.0
SOUTHSIDE	0.0	0.0	0.0	0.0	2050.9	277.1	17.52	1.07	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	9993.2	287.4	18.17	1.27	0.0	0.0	0.0	0.0	100.0	0.0
LAKE WORTH UTILITIES														
TOM G SMITH	0.0	0.0	0.0	0.0	95.9	431.0	26.35	1.39	2615.0	170.1	1.75	0.0	17.9	82.1
COMPANY TOTALS	0.0	0.0	0.0	0.0	95.9	431.0	26.35	1.39	2615.0	170.1	1.75	0.0	17.9	82.1
LAKELAND DEPT OF ELEC WTR UTILS														
LARSEN MEM	0.0	0.0	0.0	0.0	84.5	294.6	18.08	1.05	3464.3	151.4	1.56	0.0	12.7	87.3
PLANT #3	0.0	0.0	0.0	0.0	1025.1	307.4	19.14	1.29	3849.4	150.1	1.54	0.0	61.7	38.3
COMPANY TOTALS	0.0	0.0	0.0	0.0	1109.6	306.5	19.06	1.27	7313.7	150.7	1.55	0.0	47.9	52.1
ORLANDO UTILITIES COMM														
INDIAN RIVER	0.0	0.0	0.0	0.0	2974.7	277.6	17.50	1.84	11324.6	151.5	1.56	0.0	61.7	38.3
LAKE HIGHLAND	0.0	0.0	0.0	0.0	63.4	321.1	19.95	0.98	2158.6	147.8	1.52	0.0	15.1	84.9
COMPANY TOTALS	0.0	0.0	0.0	0.0	3038.1	278.5	17.55	1.82	13483.2	150.9	1.55	0.0	58.0	42.0
TALLAHASSEE, CITY OF														
PURDOM	0.0	0.0	0.0	0.0	721.3	250.6	15.73	2.05	2571.1	143.4	1.49	0.0	62.8	37.2
HOPKINS	0.0	0.0	0.0	0.0	978.2	270.2	17.00	2.06	7689.5	146.8	1.53	0.0	43.4	56.6
COMPANY TOTALS	0.0	0.0	0.0	0.0	1699.5	261.9	16.46	2.06	10260.7	145.9	1.52	0.0	50.0	50.0
TAMPA ELECTRIC														
GANNON	1375.9	179.5	44.29	1.30	3430.8	303.3	19.10	0.94	0.0	0.0	0.0	61.1	38.9	0.0
HOOKERS POINT	0.0	0.0	0.0	0.0	1226.5	315.6	19.83	0.98	0.0	0.0	0.0	0.0	100.0	0.0
BIG BEND	2426.3	133.3	30.95	2.66	108.4	587.1	33.45	0.31	0.0	0.0	0.0	98.9	1.1	0.0
COMPANY TOTALS	3802.2	150.7	35.78	2.17	4765.7	312.4	19.62	0.94	0.0	0.0	0.0	75.1	24.9	0.0

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
SOUTH ATLANTIC REGION														
FLORIDA														
UTIL BD CITY OF KEY WEST														
KEY WEST	0.0	0.0	0.0	0.0	522.7	308.3	18.85	1.64	0.0	0.0	0.0	0.0	100.0	0.0
STOCK ISLAND	0.0	0.0	0.0	0.0	210.5	275.1	17.18	2.46	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	733.2	298.6	18.37	1.87	0.0	0.0	0.0	0.0	100.0	0.0
VERO BEACH MUNI UTILS														
VERO BEACH	0.0	0.0	0.0	0.0	212.0	274.6	17.21	2.08	2965.0	135.0	1.43	0.0	29.8	70.2
COMPANY TOTALS	0.0	0.0	0.0	0.0	212.0	274.6	17.21	2.08	2965.0	135.0	1.43	0.0	29.8	70.2
GEORGIA														
GEORGIA POWER (SOUTHERN CO)														
ARKWRIGHT	366.1	155.0	37.80	1.80	5.8	339.2	7.77	0.06	23.3	248.9	2.58	99.6	0.1	0.3
ATKINSON	877.4	137.7	33.04	1.75	137.0	317.7	18.15	0.30	712.7	209.1	2.15	93.3	3.5	3.3
HAMMOND	1634.5	146.5	36.13	1.70	17.7	429.9	24.56	0.30	0.0	0.0	0.0	99.7	0.3	0.0
HARLLEE BRANCH	1998.6	163.1	39.91	1.00	19.1	423.0	24.16	0.30	0.0	0.0	0.0	99.8	0.2	0.0
MCMANUS	0.0	0.0	0.0	0.0	365.6	264.9	16.14	2.34	0.0	0.0	0.0	0.0	100.0	0.0
MITCHELL	433.0	131.1	32.68	1.24	11.6	419.4	23.96	0.40	0.0	0.0	0.0	99.4	0.6	0.0
WANSLEY	4783.2	126.0	28.48	2.03	59.3	473.6	27.05	0.01	0.0	0.0	0.0	99.7	0.3	0.0
YATES	2645.5	143.6	34.52	1.83	23.2	409.8	23.41	0.30	0.0	0.0	0.0	99.8	0.2	0.0
BOWEN	6145.3	132.2	31.55	1.94	132.7	431.3	24.64	0.16	0.0	0.0	0.0	99.5	0.5	0.0
VOGTLE (GT)	0.0	0.0	0.0	0.0	25.8	375.6	21.46	0.25	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	18883.6	137.7	32.68	1.80	797.8	333.1	19.52	1.19	736.0	210.4	2.17	98.8	1.0	0.2
SAVANNAH ELECTRIC & POWER														
BOULEVARD (GT)	0.0	0.0	0.0	0.0	54.0	516.3	29.98	0.30	0.0	0.0	0.0	0.0	100.0	0.0
EFFINGHAM	0.0	0.0	0.0	0.0	1034.0	281.7	17.57	2.97	0.0	0.0	0.0	0.0	100.0	0.0
PORT WENTWORTH	328.6	153.9	38.52	1.22	713.0	290.3	17.93	2.06	751.0	272.0	3.07	61.0	32.7	6.3
RIVERSIDE	0.0	0.0	0.0	0.0	93.0	233.2	14.39	1.50	705.0	287.9	3.26	0.0	41.8	58.2
COMPANY TOTALS	328.6	153.9	38.52	1.22	1894.0	288.9	17.90	2.48	1456.0	279.7	3.16	38.1	54.3	7.6
MARYLAND														
BALTIMORE GAS & ELECTRIC														
CRANE	0.0	0.0	0.0	0.0	3001.0	322.9	19.93	0.97	0.0	0.0	0.0	0.0	100.0	0.0
GOULD ST	0.0	0.0	0.0	0.0	593.0	320.8	19.82	0.97	0.0	0.0	0.0	0.0	100.0	0.0
WAGNER	545.0	183.9	46.42	0.87	2547.0	315.6	19.48	0.96	0.0	0.0	0.0	46.7	53.3	0.0
NOTCH CLIFF (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3719.6	176.8	1.90	0.0	0.0	100.0
PHILA RD (GT)	0.0	0.0	0.0	0.0	7.0	414.9	24.10	0.15	0.0	0.0	0.0	0.0	100.0	0.0
PERRYMAN (GT)	0.0	0.0	0.0	0.0	74.0	439.6	25.60	0.20	0.0	0.0	0.0	0.0	100.0	0.0
RIVERSIDE	0.0	0.0	0.0	0.0	1145.0	324.6	20.08	0.97	2795.0	168.3	1.82	0.0	70.1	29.9
WESTPORT	0.0	0.0	0.0	0.0	374.0	328.8	20.37	0.97	2216.0	170.8	1.85	0.0	49.1	50.9
COMPANY TOTALS	545.0	183.9	46.42	0.87	7741.0	322.0	19.88	0.96	8730.6	172.5	1.86	19.4	67.4	13.3
DELMARVA POWER & LIGHT-MD														
VIENNA	0.0	0.0	0.0	0.0	1420.3	289.4	18.09	1.83	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	1420.3	289.4	18.09	1.83	0.0	0.0	0.0	0.0	100.0	0.0
EASTON UTIL COMM														
EASTON (IC)	0.0	0.0	0.0	0.0	51.7	390.1	22.56	0.18	355.6	252.6	2.61	0.0	44.9	55.1
COMPANY TOTALS	0.0	0.0	0.0	0.0	51.7	390.1	22.56	0.18	355.6	252.6	2.61	0.0	44.9	55.1
POTOMAC ELECTRIC POWER														
CHALK	1092.0	135.6	33.36	1.78	3901.0	288.0	17.83	1.84	0.0	0.0	0.0	52.7	47.3	0.0
DICKERSON	1136.0	159.3	39.27	0.97	159.0	395.3	23.00	0.20	0.0	0.0	0.0	96.8	3.2	0.0
MORGANTOWN	2431.0	135.2	33.26	1.68	1164.0	313.9	19.22	1.19	0.0	0.0	0.0	89.4	10.6	0.0
COMPANY TOTALS	4659.0	141.2	34.75	1.53	5224.0	296.8	18.29	1.64	0.0	0.0	0.0	78.1	21.9	0.0
THE POTOMAC EDISON CO-MD (APS)														
SMITH	238.0	98.2	21.93	1.01	6.3	385.2	22.53	0.30	0.0	0.0	0.0	99.3	0.7	0.0
COMPANY TOTALS	238.0	98.2	21.93	1.01	6.3	385.2	22.53	0.30	0.0	0.0	0.0	99.3	0.7	0.0
NORTH CAROLINA														
CAROLINA POWER & LIGHT														
ASHEVILLE	885.2	139.9	34.58	1.02	21.1	390.1	22.61	0.20	0.0	0.0	0.0	99.4	0.6	0.0
BLEWETT (GT)	0.0	0.0	0.0	0.0	5.4	432.5	25.07	0.20	0.0	0.0	0.0	0.0	100.0	0.0
CAPE FEAR	500.0	144.4	35.53	1.01	23.6	388.7	22.53	0.20	0.0	0.0	0.0	98.9	1.1	0.0
LEE	702.1	149.1	36.21	0.95	32.6	384.7	22.30	0.20	0.0	0.0	0.0	98.9	1.1	0.0
ROXBORO	3823.2	133.5	32.80	0.71	72.1	404.1	23.42	0.20	0.0	0.0	0.0	99.6	0.4	0.0
SUTTON	798.0	151.8	37.20	0.90	54.8	374.4	21.70	0.20	0.0	0.0	0.0	98.4	1.6	0.0
WEATHERSPOON	241.9	148.6	36.88	0.93	24.1	396.3	22.97	0.20	0.0	436.7	4.51	97.7	2.3	0.0
COMPANY TOTALS	6950.4	139.3	34.22	0.82	233.6	391.5	22.69	0.20	0.0	436.7	4.51	99.2	0.8	0.0
DUKE POWER														
ALLEN	2326.9	141.6	34.71	0.90	28.9	391.8	22.74	0.21	0.0	0.0	0.0	99.7	0.3	0.0
BELEWS CREEK	4605.3	143.1	34.61	0.90	35.8	381.8	22.16	0.21	0.0	0.0	0.0	99.8	0.2	0.0
BUCK	703.1	148.9	35.99	1.05	19.6	431.0	24.81	0.30	4.1	295.5	3.04	99.3	0.7	0.0
CLIFFSIDE	1248.3	140.7	34.18	1.35	33.1	417.8	24.25	0.19	0.0	0.0	0.0	99.4	0.6	0.0
DAN RIVER	533.4	144.8	35.16	0.99	12.4	435.0	24.92	0.31	0.1	264.2	2.72	99.5	0.5	0.0
MARSHALL	4011.9	158.4	38.44	1.02	44.7	351.4	20.38	0.28	0.0	0.0	0.0	99.7	0.3	0.0
RIVERBEND	654.2	173.4	41.46	1.21	14.0	446.7	25.89	0.25	0.3	292.2	3.01	99.5	0.5	0.0
COMPANY TOTALS	14083.0	148.7	36.09	1.00	188.3	395.8	22.93	0.24	4.6	294.5	3.03	99.7	0.3	0.0
VIRGINIA ELECTRIC & POWER														
KITTY HAWK (GT)	0.0	0.0	0.0	0.0	32.0	426.2	25.06	0.34	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	32.0	426.2	25.06	0.34	0.0	0.0	0.0	0.0	100.0	0.0
SOUTH CAROLINA														
CAROLINA POWER & LIGHT														
ROBINSON	366.4	145.5	35.65	1.51	17.6	387.8	22.48	0.20	164.7	229.0	2.46	97.0	1.1	1.9
DARLINGTON (GT)	0.0	0.0	0.0	0.0	114.8	421.8	24.45	0.20	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	366.4	145.5	35.65	1.51	132.3	417.3	24.18	0.20	164.7	229.0	2.46	90.5	7.7	1.8

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
SOUTH ATLANTIC REGION														
SOUTH CAROLINA														
DUKE POWER														
BUZZARD PT (GT)	0.0	0.0	0.0	0.0	2.6	386.1	22.50	0.10	0.0	0.0	0.0	0.0	100.0	0.0
LEE	711.0	133.5	32.29	1.06	19.8	428.9	24.94	0.13	144.1	336.3	3.46	98.5	0.7	0.9
COMPANY TOTALS	711.0	133.5	32.29	1.06	22.4	423.8	24.66	0.13	144.1	336.3	3.46	98.4	0.7	0.8
SOUTH CAROLINA ELECTRIC & GAS														
BURTON (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.7	214.6	2.31	0.0	0.0	100.0
CANADYS	552.1	143.5	35.94	1.42	19.8	408.2	23.33	0.20	403.8	212.1	2.29	96.2	0.8	3.0
COIT (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.7	212.5	2.29	0.0	0.0	100.0
HAGOOD	0.0	0.0	0.0	0.0	3.4	194.1	12.14	2.01	365.9	211.0	2.27	0.0	5.1	94.9
MCMEEKIN	604.3	147.0	37.19	1.27	3.5	343.7	19.80	0.20	618.0	210.5	2.27	95.7	0.1	4.2
PARR	0.0	0.0	0.0	0.0	0.5	347.2	20.17	0.02	477.7	212.9	2.30	0.0	0.5	99.5
URGUHART	447.5	149.3	37.22	1.49	3.3	439.1	25.55	0.20	1051.4	208.4	2.24	90.6	0.2	9.2
WATEREE	1437.5	149.1	37.79	1.37	58.0	395.8	22.60	0.20	0.0	0.0	0.0	99.1	0.9	0.0
WILLIAMS	0.0	0.0	0.0	0.0	3681.4	260.5	16.32	2.05	52.0	211.0	2.28	0.0	99.8	0.2
COMPANY TOTALS	3041.4	147.7	37.25	1.38	3770.0	263.3	16.47	2.01	3038.2	210.5	2.27	74.1	22.8	3.2
SOUTH CAROLINA PUB SERV AUTH														
GEORGETOWN	1397.1	146.6	35.81	1.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
GRAINGER	326.3	148.2	35.43	1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
HILTON HEAD (GT)	0.0	0.0	0.0	0.0	47.8	421.0	24.76	0.30	0.0	0.0	0.0	0.0	100.0	0.0
JEFFERIES	532.5	144.3	34.90	1.60	22.2	248.7	15.50	2.34	0.0	0.0	0.0	98.9	1.1	0.0
MYRTLE BEACH (GT)	0.0	0.0	0.0	0.0	6.5	506.5	29.78	0.30	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	2255.9	146.3	35.54	1.27	76.5	376.0	22.49	0.89	0.0	0.0	0.0	99.2	0.8	0.0
VIRGINIA														
APPALACHIAN POWER (AEP)														
CLINCH RIVER	1747.4	168.1	40.77	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
GLEN LYN	785.8	150.1	34.99	0.92	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	2533.2	162.7	38.98	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
DANVILLE WTR GAS & ELEC														
BRANTLY	18.0	132.5	34.98	0.99	0.3	302.2	17.01	0.13	522.0	215.8	2.24	46.6	0.1	53.3
COMPANY TOTALS	18.0	132.5	34.98	0.99	0.3	302.2	17.01	0.13	522.0	215.8	2.24	46.6	0.1	53.3
DELMARVA POWER & LIGHT-VA														
TASLEY (GT)	0.0	0.0	0.0	0.0	4.2	535.4	30.89	0.25	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	4.2	535.4	30.89	0.25	0.0	0.0	0.0	0.0	100.0	0.0
POTOMAC EDISON-VA (APS)														
RIVERTON	0.0	0.0	0.0	0.0	42.7	330.4	19.13	0.29	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	42.7	330.4	19.13	0.29	0.0	0.0	0.0	0.0	100.0	0.0
POTOMAC ELECTRIC POWER														
POTOMAC RIVER	1042.0	167.4	43.55	0.74	71.0	394.8	22.96	0.20	0.0	0.0	0.0	98.5	1.5	0.0
COMPANY TOTALS	1042.0	167.4	43.55	0.74	71.0	394.8	22.96	0.20	0.0	0.0	0.0	98.5	1.5	0.0
VIRGINIA ELECTRIC & POWER														
BREMO BLUFF	650.0	157.4	38.92	1.00	19.0	401.6	23.61	0.20	0.0	0.0	0.0	99.3	0.7	0.0
CHESTERFIELD	1093.0	185.3	46.84	1.04	3249.0	312.9	19.57	1.49	0.0	0.0	0.0	57.6	42.4	0.0
LOWMOOR (GT)	0.0	0.0	0.0	0.0	62.0	455.4	26.78	0.20	0.0	0.0	0.0	0.0	100.0	0.0
NORTHERN NECK(GT)	0.0	0.0	0.0	0.0	49.0	571.3	33.59	0.20	0.0	0.0	0.0	0.0	100.0	0.0
PORTSMOUTH	69.0	182.1	47.73	0.99	3305.0	300.6	18.80	1.53	1359.0	202.6	2.07	7.6	86.6	5.8
POSSUM POINT	0.0	0.0	0.0	0.0	9008.0	308.6	19.22	1.26	0.0	0.0	0.0	0.0	100.0	0.0
SURRY (GT)	0.0	0.0	0.0	0.0	72.0	459.7	27.03	0.33	359.0	191.8	1.56	0.0	53.6	46.4
YORKTOWN	0.0	0.0	0.0	0.0	8255.0	282.7	17.86	1.57	1253.0	253.7	3.13	0.0	97.1	2.9
COMPANY TOTALS	1812.0	175.3	44.03	1.03	24019.0	300.5	18.82	1.43	2971.0	225.3	2.50	22.8	75.5	1.7
WEST VIRGINIA														
APPALACHIAN POWER (AEP)														
KANAWHA RIVER	998.5	122.4	28.07	0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
AMOS	6989.6	148.1	35.06	0.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MOUNTAINEER	159.8	153.3	35.14	0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	8147.9	145.1	34.21	0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
CENTRAL OPERATING CO (AEP)														
SPORN	2200.8	156.5	35.65	0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	2200.8	156.5	35.65	0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MONONGAHELA POWER (APS)														
ALBRIGHT	947.9	103.3	25.07	1.61	4.6	402.0	23.80	0.30	0.0	0.0	0.0	99.9	0.1	0.0
FT MARTIN	2917.5	123.1	30.06	1.85	25.1	458.8	27.17	0.30	0.0	0.0	0.0	99.8	0.2	0.0
PLEASANTS	1190.0	121.4	30.06	2.75	36.9	468.5	27.74	0.30	0.0	0.0	0.0	99.3	0.7	0.0
RIVESVILLE	376.3	100.5	23.76	1.31	5.4	421.1	24.94	0.30	0.0	0.0	0.0	99.6	0.4	0.0
WILLOW ISLAND	544.1	141.4	34.24	1.30	7.3	441.5	26.15	0.30	0.0	0.0	0.0	99.7	0.3	0.0
HARRISON	3234.4	119.3	30.62	2.57	5.0	465.9	27.59	0.30	85.5	277.2	2.77	99.9	0.0	0.1
COMPANY TOTALS	9210.2	119.7	29.73	2.14	84.2	456.5	27.03	0.30	85.5	277.2	2.77	99.7	0.2	0.0
OHIO POWER (AEP)														
KAMMER	1992.9	75.6	18.00	4.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MITCHELL	3263.5	128.0	30.44	3.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	5256.4	108.1	25.73	3.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
VIRGINIA ELECTRIC & POWER														
MOUNT STORM	3022.0	119.1	27.30	1.93	457.0	411.2	24.17	0.40	0.0	0.0	0.0	96.3	3.7	0.0
COMPANY TOTALS	3022.0	119.1	27.30	1.93	457.0	411.2	24.17	0.40	0.0	0.0	0.0	96.3	3.7	0.0

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
EAST SOUTH CENTRAL REGION														
ALABAMA														
ALABAMA ELEC COOP INC														
MC WILLIAMS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	489.6	192.3	1.98	0.0	0.0	100.0
TOMBIGBEE	661.9	162.7	36.48	1.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	661.9	162.7	36.48	1.31	0.0	0.0	0.0	0.0	489.6	192.3	1.98	96.7	0.0	3.3
ALABAMA POWER CO (SC)														
BARRY	958.4	166.7	39.71	0.93	188.2	391.8	22.38	0.22	6673.0	230.6	2.60	72.7	3.4	23.9
CHICKASAW	0.0	0.0	0.0	0.0	6.3	476.1	27.16	0.14	69.9	225.0	2.68	0.0	30.3	69.7
DEMOPOLIS (GT)	0.0	0.0	0.0	0.0	0.8	426.6	24.63	0.28	0.0	0.0	0.0	0.0	100.0	0.0
GASTON	4720.2	141.5	33.64	1.86	32.8	469.3	27.14	0.38	0.0	0.0	0.0	99.8	0.2	0.0
GADSDEN	272.0	123.6	30.63	2.27	1.8	388.3	22.28	0.28	50.6	218.0	2.25	99.1	0.2	0.8
GORGAS #2 & #3	4471.6	142.1	33.90	1.28	50.4	470.7	27.11	0.45	0.0	0.0	0.0	99.7	0.3	0.0
GREENE	452.5	180.5	44.81	1.73	17.7	440.2	25.36	0.46	0.0	0.0	0.0	99.1	0.9	0.0
JAMES MILLER	725.7	176.3	45.30	0.67	42.3	467.6	26.99	0.41	0.0	0.0	0.0	98.7	1.3	0.0
COMPANY TOTALS	11600.4	147.3	35.34	1.49	340.3	424.6	24.36	0.31	6793.4	230.4	2.60	96.7	0.7	2.7
TENNESSEE VALLEY AUTHORITY														
COLBERT	2574.7	147.7	34.16	1.93	41.3	445.8	26.08	0.60	0.0	0.0	0.0	99.6	0.4	0.0
WIDOWS CREEK	3735.4	153.0	36.22	2.19	56.7	457.9	26.46	0.50	0.0	0.0	0.0	99.6	0.4	0.0
COMPANY TOTALS	6310.1	150.9	35.38	2.08	98.1	452.8	26.30	0.54	0.0	0.0	0.0	99.6	0.4	0.0
KENTUCKY														
BIG RIVERS RURAL ELEC COOP														
COLEMAN	1642.0	96.8	21.71	2.68	6.5	340.6	13.09	0.0	77.1	213.2	2.13	99.7	0.1	0.2
REID	1276.4	85.5	18.50	3.47	7.0	415.6	23.74	0.34	0.0	0.0	0.0	99.9	0.1	0.0
R D GREEN	50.2	103.4	21.43	3.82	1.0	504.4	28.81	0.0	0.0	0.0	0.0	99.5	0.5	0.0
COMPANY TOTALS	2968.6	92.2	20.33	3.04	14.5	396.3	19.31	0.16	77.1	213.2	2.13	99.8	0.1	0.1
EAST KENTUCKY RURAL ELEC COOP														
COOPER	818.7	119.5	29.20	1.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
DALE	275.0	120.2	28.77	0.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
SPURLOCK	555.1	125.3	28.83	1.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	1648.8	121.5	29.00	1.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
HENDERSON MUNICIPAL PWR & LT														
HENDERSON	138.0	104.7	23.18	2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	138.0	104.7	23.18	2.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
KENTUCKY POWER (AEP)														
BIG SANDY	2132.0	121.3	27.50	1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	2132.0	121.3	27.50	1.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
KENTUCKY UTILITIES														
BROWN	1513.7	120.2	28.43	2.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
GHENT	2400.6	135.0	31.53	1.89	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
GREEN RIVER	301.0	106.9	24.46	2.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
HAEFLING (GT)	0.0	0.0	0.0	0.0	0.8	309.8	18.22	0.35	15.8	231.1	2.31	0.0	23.8	76.2
PINEVILLE	28.1	105.8	27.10	1.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
TYRONE	27.6	116.1	29.44	0.89	4.3	361.3	21.24	0.35	0.0	0.0	0.0	96.5	3.5	0.0
COMPANY TOTALS	4271.0	127.4	29.89	2.10	5.1	352.8	20.75	0.35	15.8	231.1	2.31	100.0	0.0	0.0
LOUISVILLE GAS & ELECTRIC														
CANE RUN	1634.0	105.7	23.25	3.35	16.6	493.1	28.99	0.16	672.0	163.3	1.67	97.9	0.3	1.9
PADDYS RUN	88.2	103.3	22.78	3.58	0.6	435.0	25.58	0.15	99.7	165.3	1.69	94.8	0.2	5.0
MILL CREEK	2234.9	107.9	23.53	3.53	18.7	445.3	26.18	0.17	75.5	158.7	1.63	99.6	0.2	0.2
WATERSIDE (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.2	158.7	1.63	0.0	0.0	100.0
COMPANY TOTALS	3957.1	106.9	23.40	3.46	35.9	467.2	27.47	0.16	881.4	163.0	1.67	98.7	0.2	1.0
OWENSBORO MUNICIPAL UTILITIES														
SMITH	984.0	125.6	27.92	2.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	984.0	125.6	27.92	2.88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
TENNESSEE VALLEY AUTHORITY														
PARADISE	5660.5	80.3	16.92	4.35	63.4	459.1	26.47	0.50	0.0	0.0	0.0	99.7	0.3	0.0
SHAWNEE	3870.7	153.0	36.82	2.03	36.9	454.4	26.32	0.50	0.0	0.0	0.0	99.8	0.2	0.0
COMPANY TOTALS	9531.2	112.2	25.00	3.41	100.3	457.4	26.41	0.50	0.0	0.0	0.0	99.7	0.3	0.0
MISSISSIPPI														
GREENWOOD UTILS														
HENDERSON STA	61.0	165.5	43.86	1.10	3.0	201.6	12.44	2.22	311.0	201.3	2.01	83.1	1.0	16.0
COMPANY TOTALS	61.0	165.5	43.86	1.10	3.0	201.6	12.44	2.22	311.0	201.3	2.01	83.1	1.0	16.0
MISSISSIPPI POWER (SOUTHERN CO)														
EATON	0.0	0.0	0.0	0.0	84.3	276.4	17.11	2.46	0.0	0.0	0.0	0.0	100.0	0.0
JACKSON COUNTY	929.1	213.9	49.50	0.54	109.1	331.9	20.07	0.46	0.0	0.0	0.0	97.0	3.0	0.0
STANDARD OIL (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2620.1	51.0	0.52	0.0	0.0	100.0
SWEATT	0.0	0.0	0.0	0.0	66.0	356.5	21.35	0.90	919.8	239.1	2.68	0.0	27.7	72.3
WATSON	1190.6	132.8	31.84	2.50	75.8	317.0	19.52	0.28	4446.5	235.2	2.49	84.7	1.4	13.9
COMPANY TOTALS	2119.7	167.7	39.58	1.64	335.2	319.1	19.46	1.01	7986.4	176.9	1.86	82.7	3.4	13.9
MISSISSIPPI PWR & LT (MSU)														
WILSON	0.0	0.0	0.0	0.0	4248.2	228.6	14.44	2.54	16512.1	171.5	1.79	0.0	60.9	39.1
DELTA	0.0	0.0	0.0	0.0	726.8	222.8	13.93	2.33	3649.6	226.0	2.27	0.0	55.4	44.6
GERALD ANDRUS	0.0	0.0	0.0	0.0	4572.7	206.3	12.98	2.61	0.0	0.0	0.0	0.0	100.0	0.0
NATCHEZ	0.0	0.0	0.0	0.0	125.4	270.2	16.86	0.58	1877.1	231.0	2.21	0.0	30.3	69.7
BROWN	0.0	0.0	0.0	0.0	43.0	201.0	12.67	2.01	26813.3	162.2	1.59	0.0	1.0	99.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	9716.1	218.1	13.74	2.53	48852.1	172.8	1.73	0.0	55.6	44.4
SOUTH MISSISSIPPI ELEC PWR ASSN														
MOSELLE	0.0	0.0	0.0	0.0	310.7	204.3	12.50	2.90	3114.0	224.1	2.29	0.0	37.4	62.6
R D MORROW	578.1	163.2	36.59	1.45	11.3	403.5	23.12	1.30	0.0	0.0	0.0	99.5	0.5	0.0
COMPANY TOTALS	578.1	163.2	36.59	1.45	322.0	210.9	12.87	2.84	3114.0	224.1	2.29	71.6	10.9	17.6

PLANT FOSSIL FUEL QUANTITY, QUALITY, AND PRICE DATA FOR CALENDAR YEAR 1979

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	% OF TOTAL BTUS DELIVERED OIL	% OF TOTAL BTUS DELIVERED GAS
EAST SOUTH CENTRAL REGION														
TENNESSEE														
TENNESSEE VALLEY AUTHORITY														
ALLEN	1884.1	130.6	30.70	2.26	50.2	463.4	27.16	0.67	0.0	0.0	0.0	99.3	0.7	0.0
BULL RUN	2573.1	121.6	27.09	0.94	60.3	446.1	25.80	0.50	0.0	0.0	0.0	99.4	0.6	0.0
GALLATIN	3578.5	155.8	37.04	2.59	18.3	465.8	27.11	0.50	0.0	0.0	0.0	99.9	0.1	0.0
SEVIER	2416.6	133.7	31.74	1.83	13.9	496.1	28.73	0.50	0.0	0.0	0.0	99.9	0.1	0.0
JOHNSONVILLE	3361.6	133.6	30.24	3.10	124.4	437.5	25.69	0.66	0.0	0.0	0.0	99.0	1.0	0.0
KINGSTON	5542.8	133.8	31.57	1.27	26.2	470.9	27.27	0.50	0.0	0.0	0.0	99.9	0.1	0.0
WATTS BAR	344.3	137.8	31.78	1.98	1.8	477.4	27.82	0.50	0.0	0.0	0.0	99.9	0.1	0.0
CUMBERLAND	5793.7	135.9	29.74	3.44	98.4	457.3	26.51	0.50	0.0	0.0	0.0	99.6	0.4	0.0
COMPANY TOTALS	25494.7	136.0	31.25	2.29	393.4	452.8	26.39	0.57	0.0	0.0	0.0	99.6	0.4	0.0

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
WEST SOUTH CENTRAL REGION														
ARKANSAS														
ARKANSAS ELECTRIC COOP														
FITZHUGH	0.0	0.0	0.0	0.0	114.1	208.4	13.09	2.23	266.2	190.4	1.93	0.0	72.7	27.3
BAILEY	0.0	0.0	0.0	0.0	278.1	233.0	14.66	2.29	904.6	190.6	1.93	0.0	65.6	34.4
MCCLELLAN	0.0	0.0	0.0	0.0	700.0	255.1	16.07	2.80	31.0	178.0	1.88	0.0	99.3	0.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	1092.2	244.6	15.40	2.61	1201.8	190.2	1.93	0.0	85.0	15.0
ARKANSAS-MISSOURI POWER														
BLYTHEVILLE (GT)	0.0	0.0	0.0	0.0	20.3	312.4	18.06	0.10	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	20.3	312.4	18.06	0.10	0.0	0.0	0.0	0.0	100.0	0.0
ARKANSAS POWER & LIGHT (MSU)														
LYNCH	0.0	0.0	0.0	0.0	176.4	267.1	16.04	0.28	1733.4	185.3	1.89	0.0	37.5	62.5
MOSES	0.0	0.0	0.0	0.0	469.4	269.0	16.88	1.10	0.0	0.0	0.0	0.0	100.0	0.0
COUCH	0.0	0.0	0.0	0.0	107.3	259.5	15.99	0.84	6246.3	112.9	1.20	0.0	9.1	90.9
LAKE CATHERINE	0.0	0.0	0.0	0.0	2195.9	253.8	16.13	0.97	11541.4	188.1	1.91	0.0	54.3	45.7
MABELVALE (GT)	0.0	0.0	0.0	0.0	3.3	302.2	17.40	0.25	10.8	188.9	1.92	0.0	63.0	37.0
RITCHIE	0.0	0.0	0.0	0.0	3508.7	246.7	15.50	1.10	9280.9	185.8	1.89	0.0	70.0	30.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	6461.0	251.5	15.84	1.03	28812.8	170.4	1.75	0.0	57.9	42.1
JONESBORO WTR & LT PLT														
JONESBORO	0.0	0.0	0.0	0.0	4.2	302.7	18.44	0.99	113.5	178.1	1.81	0.0	18.2	81.8
COMPANY TOTALS	0.0	0.0	0.0	0.0	4.2	302.7	18.44	0.99	113.5	178.1	1.81	0.0	18.2	81.8
SOUTHWESTERN ELEC PWR (CSW)														
FLINT CREEK	1557.0	113.7	19.11	0.34	33.0	420.9	24.75	0.60	0.0	0.0	0.0	99.3	0.7	0.0
COMPANY TOTALS	1557.0	113.7	19.11	0.34	33.0	420.9	24.75	0.60	0.0	0.0	0.0	99.3	0.7	0.0
LOUISIANA														
ALEXANDRIA, CITY OF														
ALEXANDRIA # 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5364.3	237.3	2.43	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5364.3	237.3	2.43	0.0	0.0	100.0
CAJUN ELEC PWR COOP														
BIG CAJUN #1	0.0	0.0	0.0	0.0	206.9	402.0	23.90	0.25	11283.2	81.9	0.85	0.0	9.5	90.5
COMPANY TOTALS	0.0	0.0	0.0	0.0	206.9	402.0	23.90	0.25	11283.2	81.9	0.85	0.0	9.5	90.5
CENTRAL LOUISIANA ELECTRIC														
COUGHLIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15983.0	230.4	2.43	0.0	0.0	100.0
RODEMACHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25295.0	231.3	2.37	0.0	0.0	100.0
TECHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21541.0	223.1	2.37	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62819.0	228.2	2.39	0.0	0.0	100.0
CITY OF LAFAYETTE UTIL SYSTEM														
BONIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15525.1	216.8	2.30	0.0	0.0	100.0
RODEMACHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	719.8	220.1	2.42	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16244.9	216.9	2.31	0.0	0.0	100.0
GULF STATES UTILITIES														
LOUISIANA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7512.0	64.7	0.69	0.0	0.0	100.0
LOUISIANA 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14112.0	67.2	0.72	0.0	0.0	100.0
NELSON	0.0	0.0	0.0	0.0	2073.0	289.9	17.90	0.57	22495.0	204.9	2.14	0.0	35.2	64.8
WILLOW GLEN	0.0	0.0	0.0	0.0	4903.0	297.9	18.56	0.52	45011.0	222.3	2.34	0.0	39.2	60.8
COMPANY TOTALS	0.0	0.0	0.0	0.0	6976.0	295.5	18.37	0.54	89130.0	179.5	1.89	0.0	31.6	68.4
LOUISIANA PWR & LT (MSU)														
LITTLE GYPSY	0.0	0.0	0.0	0.0	72.6	286.0	17.00	0.20	56146.0	28.2	0.29	0.0	0.7	99.3
NINE MILE	0.0	0.0	0.0	0.0	1439.0	255.0	15.43	0.77	61485.0	62.9	0.66	0.0	12.0	88.0
STERLINGTON	0.0	0.0	0.0	0.0	89.1	237.4	13.72	0.68	25459.0	104.5	1.09	0.0	1.9	98.1
THIBODAUX	0.0	0.0	0.0	0.0	1.5	284.4	16.05	0.30	383.0	254.7	2.55	0.0	2.2	97.8
WATERFORD	0.0	0.0	0.0	0.0	4198.0	254.6	15.81	1.09	6317.0	28.2	0.29	0.0	79.8	20.2
MONROE	0.0	0.0	0.0	0.0	388.1	263.9	14.73	0.30	3262.0	250.2	2.50	0.0	39.9	60.1
COMPANY TOTALS	0.0	0.0	0.0	0.0	6188.3	255.3	15.64	0.95	153052.0	59.9	0.62	0.0	19.2	80.8
MINDEN, CITY OF														
MINDEN	0.0	0.0	0.0	0.0	39.5	423.5	24.55	0.25	144.8	206.4	2.06	0.0	61.3	38.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	39.5	423.5	24.55	0.25	144.8	206.4	2.06	0.0	61.3	38.7
NATCHITOCHES, CITY OF														
NATCHITOCHES	0.0	0.0	0.0	0.0	0.4	379.3	21.50	0.02	923.8	230.4	2.35	0.0	0.3	99.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.4	379.3	21.50	0.02	923.8	230.4	2.35	0.0	0.3	99.7
NEW ORLEANS PUB SERV (MSU)														
PATERSON	0.0	0.0	0.0	0.0	283.6	204.0	12.52	1.31	5447.4	250.5	2.61	0.0	23.4	76.6
MARKET ST	0.0	0.0	0.0	0.0	19.1	263.4	15.71	0.30	1066.8	245.8	2.55	0.0	9.3	90.7
MICHOUD	0.0	0.0	0.0	0.0	1455.1	224.3	14.00	1.37	28329.7	234.6	2.46	0.0	23.4	76.6
COMPANY TOTALS	0.0	0.0	0.0	0.0	1757.7	221.5	13.78	1.35	34844.0	237.4	2.49	0.0	23.0	77.0
OPELOUSAS MUNI ELEC DEPT														
OPELOUSAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	631.9	287.2	2.87	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	631.9	287.2	2.87	0.0	0.0	100.0
RUSTON UTIL SYS														
STEAM PLANT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1798.7	212.3	2.27	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1798.7	212.3	2.27	0.0	0.0	100.0
SEWR & WTR BD N ORLEANS														
PWR HOUSE TWO	0.0	0.0	0.0	0.0	0.3	280.3	16.38	0.14	1455.6	208.1	2.18	0.0	0.1	99.9
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.3	280.3	16.38	0.14	1455.6	208.1	2.18	0.0	0.1	99.9

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
WEST SOUTH CENTRAL REGION														
LOUISIANA														
SOUTHWESTERN ELEC PWR (CSW)														
ARSENAL HILL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1647.7	175.2	1.88	0.0	0.0	100.0
LIEBERMAN	0.0	0.0	0.0	0.0	69.0	222.8	13.80	0.60	9732.1	221.4	2.35	0.0	4.0	96.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	69.0	222.8	13.80	0.60	11379.8	214.6	2.28	0.0	3.4	96.6
OKLAHOMA														
GRAND RIVER DAM AUTHORITY														
CHOUTEAU	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1596.0	175.8	1.76	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1596.0	175.8	1.76	0.0	0.0	100.0
OKLAHOMA GAS & ELECTRIC														
ARBUCKLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3905.0	149.6	1.55	0.0	0.0	100.0
BELLE ISLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	264.4	197.0	2.04	0.0	0.0	100.0
ENID (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	436.3	149.6	1.55	0.0	0.0	100.0
HORSESHOE LAKE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52827.1	149.8	1.55	0.0	0.0	100.0
MUSTANG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25438.9	150.5	1.56	0.0	0.0	100.0
OSAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	557.0	182.1	1.89	0.0	0.0	100.0
MUSKOGEE	1978.7	105.5	18.27	0.38	0.0	0.0	0.0	0.0	11717.3	149.5	1.55	73.8	0.0	26.2
SEMINOLE	0.0	0.0	0.0	0.0	38.5	223.4	13.90	1.87	70735.9	149.5	1.55	0.0	0.3	99.7
SOONER	1439.1	115.2	20.25	0.38	57.9	537.1	31.03	0.30	0.0	0.0	0.0	98.7	1.3	0.0
COMPANY TOTALS	3417.8	109.6	19.10	0.38	96.4	406.2	24.19	0.93	165882.0	150.0	1.56	25.7	0.2	74.1
PUBLIC SERV CO OF OKLAHOMA (CSW)														
COMANCHE (CS)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15777.0	157.8	1.69	0.0	0.0	100.0
NORTHEASTERN	949.6	134.5	23.32	0.39	0.0	0.0	0.0	0.0	36233.0	159.0	1.72	29.5	0.0	70.5
RIVERSIDE	0.0	0.0	0.0	0.0	51.6	475.9	26.95	0.41	46608.0	156.0	1.65	0.0	0.6	99.4
SOUTHWESTERN	0.0	0.0	0.0	0.0	2.1	601.3	34.54	0.29	23505.0	157.3	1.69	0.0	0.0	100.0
TULSA	0.0	0.0	0.0	0.0	1.3	413.0	23.85	0.32	18320.0	159.2	1.69	0.0	0.0	100.0
COMPANY TOTALS	949.6	134.5	23.32	0.39	55.0	479.2	27.16	0.40	140443.0	157.6	1.68	9.9	0.2	89.9
WESTERN FARMERS ELECTRIC COOP														
ANADARKO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13569.0	163.9	1.70	0.0	0.0	100.0
MOORELAND	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9751.8	163.3	1.70	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23320.7	163.6	1.70	0.0	0.0	100.0
TEXAS														
BRAZOS ELECTRIC POWER COOP														
NORTH TEXAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59.1	227.2	2.37	0.0	0.0	100.0
MILLER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15779.4	223.5	2.25	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15838.4	223.5	2.25	0.0	0.0	100.0
BROWNSVILLE PUB UTILS BD														
SI RAY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3742.4	231.4	2.31	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3742.4	231.4	2.31	0.0	0.0	100.0
CENTRAL POWER & LIGHT (CSW)														
DAVIS	0.0	0.0	0.0	0.0	33.9	230.1	14.29	0.70	28869.7	220.3	2.31	0.0	0.7	99.3
BATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8874.5	216.3	2.29	0.0	0.0	100.0
COLETO CREEK	74.8	177.9	38.75	0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
LAREDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4990.6	232.3	2.54	0.0	0.0	100.0
HILL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18051.9	215.6	2.29	0.0	0.0	100.0
NUECES BAY	0.0	0.0	0.0	0.0	25.1	268.0	16.58	0.70	21281.0	220.8	2.29	0.0	0.7	99.3
LA PALMA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11195.7	215.0	2.30	0.0	0.0	100.0
VICTORIA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15952.4	219.5	2.29	0.0	0.0	100.0
JOSLIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15613.0	219.5	2.30	0.0	0.0	100.0
COMPANY TOTALS	74.8	177.9	38.75	0.44	59.0	246.2	15.27	0.70	124828.7	219.2	2.31	1.2	0.3	98.5
CITY OF AUSTIN ELECTRIC DEPT														
HOLLY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8779.2	226.9	2.29	0.0	0.0	100.0
SEAHOLM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1143.2	227.0	2.30	0.0	0.0	100.0
DECKER CREEK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15961.7	225.5	2.29	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25884.1	226.0	2.29	0.0	0.0	100.0
BRYAN MUNICIPAL ELECTRIC														
BRYAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1918.8	206.0	2.13	0.0	0.0	100.0
DANSBY	0.0	0.0	0.0	0.0	40.0	296.3	17.84	0.37	3494.2	200.8	2.04	0.0	6.4	93.6
COMPANY TOTALS	0.0	0.0	0.0	0.0	40.0	296.3	17.84	0.37	5412.9	202.7	2.07	0.0	4.2	95.8
CITY PUB SERV-SAN ANTONIO														
BRAUNIG	0.0	0.0	0.0	0.0	282.2	198.7	12.14	0.54	9047.6	219.2	2.31	0.0	15.3	84.7
TUTTLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1000.0	220.7	2.31	0.0	0.0	100.0
SOMMERS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14795.7	219.6	2.30	0.0	0.0	100.0
J T DEELY	2016.4	157.1	26.29	0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	2016.4	157.1	26.29	0.38	282.2	198.7	12.14	0.54	24843.3	219.5	2.30	54.8	2.8	42.4
DALLAS PWR & LT (TEXAS UTILS)														
DALLAS	0.0	0.0	0.0	0.0	3.8	355.3	22.11	0.38	2438.3	205.7	2.09	0.0	1.0	99.0
MOUNTAIN CREEK	0.0	0.0	0.0	0.0	8.1	351.5	21.87	0.37	6172.9	203.4	2.04	0.0	0.8	99.2
NORTH LAKE	0.0	0.0	0.0	0.0	100.6	285.4	17.76	0.37	21210.4	204.4	2.14	0.0	2.7	97.3
PARKDALE	0.0	0.0	0.0	0.0	15.0	179.7	11.18	0.11	4927.0	205.8	2.13	0.0	1.8	98.2
LAKE HUBBARD	0.0	0.0	0.0	0.0	1.6	557.2	32.18	0.36	26599.4	203.2	2.11	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	129.1	282.3	17.55	0.34	61348.0	203.9	2.11	0.0	1.2	98.8
DENTON, CITY OF														
DENTON	0.0	0.0	0.0	0.0	273.6	655.8	38.52	0.0	3134.4	205.3	2.19	0.0	32.4	67.6
COMPANY TOTALS	0.0	0.0	0.0	0.0	273.6	655.8	38.52	0.0	3134.4	205.3	2.19	0.0	32.4	67.6
EL PASO ELECTRIC														
NEWMAN	0.0	0.0	0.0	0.0	55.2	240.8	15.43	1.45	18550.8	219.9	2.25	0.0	1.8	98.2
COMPANY TOTALS	0.0	0.0	0.0	0.0	55.2	240.8	15.43	1.45	18550.8	219.9	2.25	0.0	1.8	98.2

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
						WEST SOUTH CENTRAL REGION								
TEXAS														
GARLAND MUNICIPAL POWER & LIGHT														
NEWMAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	268.0	206.3	2.15	0.0	0.0	100.0
OLINGER	0.0	0.0	0.0	0.0	160.3	259.4	15.83	0.54	13923.7	202.3	2.12	0.0	6.3	93.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	160.3	259.4	15.83	0.54	14191.7	202.4	2.12	0.0	6.2	93.8
GREENVILLE ELEC DEPT														
GREENVILLE	0.0	0.0	0.0	0.0	9.4	271.0	15.71	0.37	2322.0	203.3	2.13	0.0	2.2	97.8
COMPANY TOTALS	0.0	0.0	0.0	0.0	9.4	271.0	15.71	0.37	2322.0	203.3	2.13	0.0	2.2	97.8
GULF STATES UTILITIES														
NECHES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28351.0	54.9	0.57	0.0	0.0	100.0
SABINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72997.0	53.0	0.55	0.0	0.0	100.0
LEWIS CREEK	0.0	0.0	0.0	0.0	496.0	349.8	21.78	0.60	31005.0	98.0	1.01	0.0	8.8	91.2
COMPANY TOTALS	0.0	0.0	0.0	0.0	496.0	349.8	21.78	0.60	132353.0	63.9	0.67	0.0	2.2	97.8
HOUSTON LIGHTING & POWER														
DEEPWATER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8270.7	228.0	2.37	0.0	0.0	100.0
GREEN BAYOU	0.0	0.0	0.0	0.0	201.1	171.0	10.53	0.72	29095.7	185.0	1.95	0.0	3.9	96.1
CLARKE	0.0	0.0	0.0	0.0	0.1	176.3	10.93	0.80	3947.9	227.8	2.40	0.0	0.0	100.0
ROBINSON	0.0	0.0	0.0	0.0	146.9	174.6	10.78	0.75	121017.9	160.7	1.67	0.0	0.7	99.3
BERTRON	0.0	0.0	0.0	0.0	43.4	164.0	10.06	0.92	37907.6	182.2	1.90	0.0	0.7	99.3
WHARTON	0.0	0.0	0.0	0.0	1.9	189.1	11.01	0.09	40327.8	124.5	1.31	0.0	0.0	100.0
PARISH	2816.2	218.1	37.57	0.43	0.3	172.7	10.73	0.79	86483.7	183.6	1.93	34.9	0.0	65.1
WEBSTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23880.5	170.8	1.78	0.0	0.0	100.0
CEDAR BAYOU	0.0	0.0	0.0	0.0	745.6	162.5	10.04	0.86	118218.6	159.6	1.70	0.0	3.5	96.5
COMPANY TOTALS	2816.2	218.1	37.57	0.43	1139.3	165.6	10.22	0.82	469150.5	167.0	1.75	8.9	1.3	89.9
LOWER COLORADO RIVER AUTHORITY														
S SEYMOUR/FAYETTE	1609.0	184.6	35.55	0.37	75.0	391.8	23.20	0.47	0.0	0.0	0.0	98.6	1.4	0.0
T C FERGUSON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10537.1	231.7	2.32	0.0	0.0	100.0
GIDEON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17880.0	216.8	2.28	0.0	0.0	100.0
COMPANY TOTALS	1609.0	184.6	35.55	0.37	75.0	391.8	23.20	0.47	28417.1	222.1	2.30	50.9	0.7	48.3
LUBBOCK PWR & LT DEPT														
HOLLY AVE	0.0	0.0	0.0	0.0	28.8	343.3	19.83	0.30	5460.6	205.7	2.09	0.0	2.9	97.1
PLANT 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2486.0	205.3	2.08	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	28.8	343.3	19.83	0.30	7946.6	205.5	2.09	0.0	2.0	98.0
MEDINA ELEC COOP														
PEARSALL	0.0	0.0	0.0	0.0	0.2	130.5	7.89	0.59	2428.7	228.5	2.44	0.0	0.1	99.9
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.2	130.5	7.89	0.59	2428.7	228.5	2.44	0.0	0.1	99.9
SOUTH TEXAS ELEC COOP INC														
SAM RAYBURN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	993.3	227.8	2.26	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	993.3	227.8	2.26	0.0	0.0	100.0
SOUTHWESTERN PUBLIC SERVICE														
DENVER CITY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3144.0	200.4	2.04	0.0	0.0	100.0
MOORE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4985.0	151.6	1.41	0.0	0.0	100.0
NICHOLS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27815.0	177.7	1.72	0.0	0.0	100.0
HARRINGTON	2089.0	146.9	26.41	0.42	0.0	0.0	0.0	0.0	332.0	196.5	1.84	99.2	0.0	0.8
PLANT X	0.0	0.0	0.0	0.0	5.0	361.8	21.10	0.34	14213.0	207.0	2.17	0.0	0.2	99.8
PLANT 66 (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1716.0	177.9	1.72	0.0	0.0	100.0
RIVERVIEW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3361.0	199.0	1.97	0.0	0.0	100.0
JONES	0.0	0.0	0.0	0.0	23.0	365.3	21.09	0.36	16601.0	209.2	2.15	0.0	0.8	99.2
COMPANY TOTALS	2089.0	146.9	26.41	0.42	28.0	364.7	21.09	0.35	72167.0	191.7	1.91	34.2	0.1	65.6
SOUTHWESTERN ELEC PWR (CSW)														
KNOX LEE	0.0	0.0	0.0	0.0	26.0	158.7	9.73	0.60	25904.0	139.5	1.49	0.0	0.6	99.4
LONE STAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	156.3	1.37	0.0	0.0	100.0
WELSH STATION	1797.0	117.1	19.65	0.33	9.8	493.8	29.03	0.60	0.0	0.0	0.0	99.8	0.2	0.0
WILKES	0.0	0.0	0.0	0.0	10.0	400.7	24.57	0.60	49705.0	70.7	0.68	0.0	0.1	99.9
COMPANY TOTALS	1797.0	117.1	19.65	0.33	45.8	281.4	17.10	0.60	75619.0	96.0	0.95	28.6	0.3	71.1
TEXAS ELEC SERV (TEXAS UTILS)														
EAGLE MOUNTAIN	0.0	0.0	0.0	0.0	69.0	343.4	20.61	0.43	11103.0	72.4	0.77	0.0	3.4	96.6
GRAHAM	0.0	0.0	0.0	0.0	20.0	243.9	14.63	0.46	17693.0	68.3	0.73	0.0	0.6	99.4
HANDLEY	0.0	0.0	0.0	0.0	91.0	433.4	25.40	0.20	27335.0	71.9	0.76	0.0	1.8	98.2
MORGAN CREEK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32699.0	68.2	0.71	0.0	0.0	100.0
NORTH MAIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	825.0	70.6	0.75	0.0	0.0	100.0
PERMIAN BASIN	0.0	0.0	0.0	0.0	4.0	233.3	14.00	0.57	22120.0	73.3	0.77	0.0	0.1	99.9
WICHITA FALLS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1965.0	74.8	0.78	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	184.0	374.0	22.18	0.32	113740.0	70.6	0.74	0.0	0.9	99.1
TEXAS PWR & LT (TEXAS UTILS)														
BIG BROWN	5164.0	45.9	6.35	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COLLIN	0.0	0.0	0.0	0.0	25.8	254.1	15.26	0.50	1522.5	192.2	1.88	0.0	9.4	90.6
DECORDOVA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13673.9	198.8	2.10	0.0	0.0	100.0
LAKE CREEK	0.0	0.0	0.0	0.0	0.4	598.4	34.28	0.20	3468.6	194.5	1.99	0.0	0.1	99.9
MARTIN LAKE	10408.0	71.3	9.64	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
MONTICELLO	9230.0	48.5	5.94	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
RIVER CREST	0.0	0.0	0.0	0.0	40.6	228.8	14.07	0.50	980.5	193.6	2.08	0.0	19.2	80.8
STRYKER	0.0	0.0	0.0	0.0	0.9	474.4	27.18	0.20	27080.9	75.8	0.77	0.0	0.0	100.0
TRADINGHOUSE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43828.0	194.7	2.00	0.0	0.0	100.0
TRINIDAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3034.0	216.6	2.21	0.0	0.0	100.0
VALLEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28960.0	190.1	1.95	0.0	0.0	100.0
COMPANY TOTALS	24802.0	57.8	7.58	0.73	67.6	243.2	14.80	0.49	122548.3	168.5	1.73	72.0	0.1	27.9

PLANT FOSSIL FUEL QUANTITY, QUALITY, AND PRICE DATA FOR CALENDAR YEAR 1979

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	% OF TOTAL BTUS DELIVERED OIL	% OF TOTAL BTUS DELIVERED GAS
WEST SOUTH CENTRAL REGION														
TEXAS														
WEST TEXAS UTILITIES (CSW)														
ABILENE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	211.6	2.29	0.0	0.0	100.0
CONCHO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	331.0	200.9	2.22	0.0	0.0	100.0
FORT PHANTOM	0.0	0.0	0.0	0.0	62.0	300.7	18.27	0.32	20600.0	200.8	2.07	0.0	1.7	98.3
LAKE PAULINE	0.0	0.0	0.0	0.0	9.0	307.5	18.77	0.48	432.0	202.5	2.28	0.0	10.1	89.9
OAK CREEK	0.0	0.0	0.0	0.0	6.0	446.0	26.88	0.57	3796.0	201.3	2.11	0.0	0.9	99.1
PAINT CREEK	0.0	0.0	0.0	0.0	25.0	448.2	26.69	0.24	5795.0	201.0	2.16	0.0	2.3	97.7
RIO PECOS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9454.0	37.8	0.36	0.0	0.0	100.0
SAN ANGELO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6142.0	201.9	2.14	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	102.0	345.4	20.88	0.33	46556.0	170.2	1.75	0.0	1.3	98.7

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
MOUNTAIN REGION														
ARIZONA														
ARIZONA ELECTRIC POWER COOP INC														
APACHE	950.0	164.8	32.54	0.46	66.2	558.5	32.34	0.35	3508.8	178.4	1.88	82.1	1.7	16.2
COMPANY TOTALS	950.0	164.8	32.54	0.46	66.2	558.5	32.34	0.35	3508.8	178.4	1.88	82.1	1.7	16.2
ARIZONA PUBLIC SERVICE														
CHOLLA	1521.0	93.8	18.86	0.41	10.0	465.2	27.06	0.35	26.9	237.9	2.20	99.7	0.2	0.1
OCOTILLO	0.0	0.0	0.0	0.0	656.5	284.6	17.95	0.80	8282.0	206.8	2.20	0.0	32.0	68.0
PHOENIX	0.0	0.0	0.0	0.0	443.2	409.1	25.10	0.46	2149.8	198.6	2.10	0.0	54.5	45.5
SAGUARO	0.0	0.0	0.0	0.0	587.7	295.7	18.60	0.81	5771.2	206.8	2.18	0.0	37.8	62.2
YUCCA	0.0	0.0	0.0	0.0	201.6	308.8	19.07	0.65	3341.8	199.0	2.08	0.0	26.3	73.7
COMPANY TOTALS	1521.0	93.8	18.86	0.41	1899.0	320.1	19.99	0.71	19571.7	204.6	2.16	48.4	18.8	32.8
SALT RIVER PROJECT														
AGUA FRIA	0.0	0.0	0.0	0.0	1998.0	279.1	17.66	0.84	6565.2	179.3	1.90	0.0	64.5	35.5
KYRENE	0.0	0.0	0.0	0.0	217.0	379.5	22.85	0.58	2311.7	185.6	1.96	0.0	34.9	65.1
NAVAJO	8006.7	56.8	12.30	0.42	139.0	462.9	27.03	0.50	0.0	0.0	0.0	99.5	0.5	0.0
SANTAN (GT)	0.0	0.0	0.0	0.0	279.3	518.2	30.60	0.32	0.0	0.0	0.0	0.0	100.0	0.0
CORONADO	1701.5	125.7	26.43	0.48	140.4	545.0	32.11	0.43	0.0	0.0	0.0	97.7	2.3	0.0
COMPANY TOTALS	9708.2	68.6	14.78	0.43	2773.7	331.0	20.57	0.73	8876.9	181.0	1.92	88.7	7.3	4.0
THE TUCSON GAS & ELECTRIC CO														
DEMOSS PETRIE	0.0	0.0	0.0	0.0	63.0	271.4	16.77	0.90	3629.0	233.6	2.47	0.0	9.2	90.8
IRVINGTON	0.0	0.0	0.0	0.0	764.5	303.4	18.61	0.91	14650.0	227.4	2.40	0.0	23.3	76.7
N LOOP (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	120.4	232.6	2.46	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	827.5	300.9	18.47	0.91	18399.4	228.7	2.41	0.0	20.7	79.3
COLORADO														
CENTRAL TELE AND UTIL CORP-COL														
PUEBLO	0.0	0.0	0.0	0.0	31.5	404.5	24.13	0.12	2057.8	185.4	1.58	0.0	9.7	90.3
CLARK	182.3	78.0	15.15	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	182.3	78.0	15.15	0.50	31.5	404.5	24.13	0.12	2057.8	185.4	1.58	64.6	3.4	32.0
COLORADO SPRINGS DEPT PUB UTILS														
DRAKE	1016.6	107.3	22.48	0.47	0.0	0.0	0.0	0.0	108.8	198.8	1.96	99.5	0.0	0.5
NIXON	217.3	110.3	23.48	0.47	20.8	464.3	27.16	0.24	0.0	0.0	0.0	97.4	2.6	0.0
BIRDSALL	0.0	0.0	0.0	0.0	13.9	363.7	22.36	0.47	2179.2	197.6	1.95	0.0	3.8	96.2
COMPANY TOTALS	1233.9	107.8	22.66	0.47	34.7	422.8	25.24	0.33	2288.0	197.6	1.95	91.3	0.7	8.0
COLORADO-UTE ELECTRIC ASSN														
HAYDEN	1692.0	45.7	9.75	0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
NUCLA	119.0	78.5	17.91	0.86	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	1811.0	48.0	10.28	0.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
LAMAR UTILS BD														
LAMAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1235.3	127.7	1.22	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1235.3	127.7	1.22	0.0	0.0	100.0
PUBLIC SERVICE CO OF COLORADO														
ALAMOSA (GTS)	0.0	0.0	0.0	0.0	159.5	372.3	22.16	0.33	1149.5	149.8	1.54	0.0	44.6	55.4
ARAPHOE	853.1	84.0	18.32	0.46	0.0	0.0	0.0	0.0	309.4	195.2	1.92	98.4	0.0	1.6
CAMEO	162.2	94.3	21.76	0.47	0.0	0.0	0.0	0.0	1066.7	146.5	1.45	78.0	0.0	22.0
CHEROKEE	1973.6	71.8	16.01	0.44	0.0	0.0	0.0	0.0	10204.0	201.3	1.98	81.4	0.0	18.6
COMANCHE	2734.1	74.1	12.54	0.34	19.6	480.0	27.30	0.28	9.5	195.0	1.92	99.7	0.2	0.0
FT LUPTON (GT)	0.0	0.0	0.0	0.0	65.0	598.0	33.97	0.19	2385.2	186.6	1.95	0.0	12.9	87.1
FRUITA (GT)	0.0	0.0	0.0	0.0	10.5	704.0	40.17	0.19	503.9	166.1	1.76	0.0	10.1	89.9
VALMONT	435.3	87.5	18.59	0.55	72.8	620.0	35.20	0.18	5975.6	195.9	1.92	59.6	2.7	37.7
ZUNI	0.0	0.0	0.0	0.0	301.5	236.6	14.71	0.77	5601.2	198.2	1.95	0.0	25.4	74.6
COMPANY TOTALS	6158.3	76.4	15.12	0.41	628.9	362.6	21.78	0.51	27205.0	193.0	1.91	79.8	2.5	17.7
IDAHO														
IDAHO PWR CO														
WOOD RIVER (GT)	0.0	0.0	0.0	0.0	0.4	336.1	19.27	0.22	455.3	282.1	2.94	0.0	0.5	99.5
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.4	336.1	19.27	0.22	455.3	282.1	2.94	0.0	0.5	99.5
MONTANA														
MONTANA-DAKOTA UTILITIES														
LEWIS & CLARK	303.9	79.4	10.33	0.48	0.0	0.0	0.0	0.0	5.6	165.8	1.63	99.9	0.0	0.1
GLENDIVE	0.0	0.0	0.0	0.0	7.6	398.3	22.08	0.07	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	303.9	79.4	10.33	0.48	7.6	398.3	22.08	0.07	5.6	165.8	1.63	98.8	1.1	0.1
PACIFIC POWER & LIGHT														
LIBBY (GT)	0.0	0.0	0.0	0.0	2.3	709.4	40.07	0.10	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	2.3	709.4	40.07	0.10	0.0	0.0	0.0	0.0	100.0	0.0
THE MONTANA POWER CO														
COLSTRIP #1	2529.0	31.4	5.48	0.71	93.0	313.4	12.08	0.0	0.0	0.0	0.0	99.2	0.8	0.0
BIRD	0.0	0.0	0.0	0.0	15.0	256.8	16.05	0.0	1233.4	271.4	2.88	0.0	6.7	93.3
CORETTE	678.0	38.7	6.72	0.77	0.0	0.0	0.0	0.0	511.0	73.4	0.84	95.3	0.0	4.7
COMPANY TOTALS	3207.0	32.9	5.75	0.72	108.0	301.6	12.63	0.0	1744.4	210.6	2.28	96.0	0.8	3.2
NEVADA														
NEVADA POWER														
CLARK	0.0	0.0	0.0	0.0	94.7	416.6	24.86	0.36	13979.8	204.4	2.21	0.0	3.6	96.4
GARDNER	1107.6	147.2	33.91	0.59	3.6	410.5	23.95	0.21	0.0	0.0	0.0	99.9	0.1	0.0
SUNRISE	0.0	0.0	0.0	0.0	69.0	351.2	21.16	0.42	5970.6	191.9	2.07	0.0	6.1	93.9
COMPANY TOTALS	1107.6	147.2	33.91	0.59	167.3	389.3	23.31	0.38	19950.4	200.7	2.17	53.1	2.1	44.8
SIERRA PACIFIC POWER														
FORT CHURCHILL	0.0	0.0	0.0	0.0	859.7	264.0	16.13	0.61	9962.9	267.4	2.78	0.0	33.6	66.4
TRACY	0.0	0.0	0.0	0.0	593.3	268.3	16.70	0.70	7339.7	263.1	2.74	0.0	32.6	67.4
COMPANY TOTALS	0.0	0.0	0.0	0.0	1453.0	265.8	16.36	0.65	17302.7	265.6	2.77	0.0	33.2	66.8

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
MOUNTAIN REGION														
NEVADA														
SOUTHERN CALIFORNIA EDISON														
MOHAVE	3234.0	90.9	19.78	0.68	0.0	0.0	0.0	0.0	3323.0	208.5	2.25	95.1	0.0	4.9
COMPANY TOTALS	3234.0	90.9	19.78	0.68	0.0	0.0	0.0	0.0	3323.0	208.5	2.25	95.1	0.0	4.9
NEW MEXICO														
ARIZONA PUBLIC SERVICE														
FOUR CORNERS	6288.0	38.2	6.71	0.70	0.0	0.0	0.0	0.0	1077.3	192.9	2.18	98.9	0.0	1.1
COMPANY TOTALS	6288.0	38.2	6.71	0.70	0.0	0.0	0.0	0.0	1077.3	192.9	2.18	98.9	0.0	1.1
FARMINGTON ELECTRIC UTILITIES														
ANIMAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1535.8	133.9	1.41	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1535.8	133.9	1.41	0.0	0.0	100.0
COMMUNITY PUB SERV-NEW MEXICO														
LORDSBURG	0.0	0.0	0.0	0.0	82.0	268.3	16.34	1.00	788.0	193.6	2.05	0.0	37.5	62.5
COMPANY TOTALS	0.0	0.0	0.0	0.0	82.0	268.3	16.34	1.00	788.0	193.6	2.05	0.0	37.5	62.5
EL PASO ELECTRIC														
RIO GRANDE	0.0	0.0	0.0	0.0	419.6	356.8	21.29	0.48	5961.4	187.2	1.94	0.0	28.8	71.2
COMPANY TOTALS	0.0	0.0	0.0	0.0	419.6	356.8	21.29	0.48	5961.4	187.2	1.94	0.0	28.8	71.2
LEA COUNTY ELECTRIC COOP														
LOVINGTON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2392.9	202.5	2.25	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2392.9	202.5	2.25	0.0	0.0	100.0
NEW MEXICO ELECTRIC SERVICE														
MADDOX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7187.0	221.1	2.28	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7187.0	221.1	2.28	0.0	0.0	100.0
PLAINS ELEC GEN & TRANS COOP														
ALGODONES	0.0	0.0	0.0	0.0	25.5	295.9	18.00	0.50	1702.8	217.8	1.91	0.0	9.4	90.6
COMPANY TOTALS	0.0	0.0	0.0	0.0	25.5	295.9	18.00	0.50	1702.8	217.8	1.91	0.0	9.4	90.6
PUBLIC SERVICE CO OF NEW MEXICO														
PERSON	0.0	0.0	0.0	0.0	82.4	326.7	19.37	0.37	5483.4	218.8	2.25	0.0	8.0	92.0
PRAGER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69.9	225.3	2.32	0.0	0.0	100.0
REEVES	0.0	0.0	0.0	0.0	148.0	310.3	18.63	0.45	11023.8	216.1	2.22	0.0	7.3	92.7
SAN JUAN	2388.3	71.4	13.25	0.80	153.6	395.2	23.05	0.14	0.0	0.0	0.0	98.0	2.0	0.0
COMPANY TOTALS	2388.3	71.4	13.25	0.80	384.0	347.3	20.56	0.31	16577.1	217.0	2.23	69.6	3.6	26.8
SOUTHWESTERN PUBLIC SERVICE														
CARLSBAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1821.0	207.7	2.19	0.0	0.0	100.0
CUNNINGHAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15876.0	204.8	2.11	0.0	0.0	100.0
ROSWELL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	818.0	214.9	2.41	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18515.0	205.6	2.13	0.0	0.0	100.0
UTAH														
UTAH POWER & LIGHT														
CARBON	524.0	104.2	24.17	0.61	1.0	356.4	20.96	0.30	0.0	0.0	0.0	100.0	0.0	0.0
EMERY	1225.0	112.4	25.30	0.52	21.0	382.6	22.50	0.30	0.0	0.0	0.0	99.6	0.4	0.0
GADSBY	408.0	120.1	27.79	0.58	197.0	320.1	19.39	0.38	4489.0	163.9	1.59	63.0	8.0	29.1
HUNTINGTON	1998.0	93.3	22.37	0.45	45.0	423.4	24.90	0.30	0.0	0.0	0.0	99.5	0.5	0.0
HALE	91.0	117.5	27.10	0.59	0.0	0.0	0.0	0.0	1022.0	147.9	1.38	68.8	0.0	31.2
COMPANY TOTALS	4246.0	103.0	24.06	0.51	264.0	342.3	20.58	0.36	5511.0	161.0	1.55	93.5	1.5	5.0
WYOMING														
BLACK HILLS POWER & LIGHT														
NEIL SIMPSON	114.5	29.5	4.75	0.44	1.9	531.6	30.14	0.31	0.0	0.0	0.0	99.4	0.6	0.0
OSAGE	245.6	42.7	6.87	0.44	0.2	622.2	35.28	0.31	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	360.1	38.5	6.19	0.44	2.1	539.7	30.60	0.31	0.0	0.0	0.0	99.8	0.2	0.0
PACIFIC POWER & LIGHT														
JIM BRIDGER	5061.0	42.0	7.85	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
JOHNSTON	3829.0	37.6	5.82	0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
WYODAK	1672.0	52.7	8.38	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	10562.0	42.1	7.20	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
UTAH POWER & LIGHT														
NAUGHTON	2503.0	66.0	12.80	0.56	9.0	439.7	25.86	0.30	77.0	320.5	2.71	99.8	0.1	0.1
COMPANY TOTALS	2503.0	66.0	12.80	0.56	9.0	439.7	25.86	0.30	77.0	320.5	2.71	99.8	0.1	0.1

PLANT FOSSIL FUEL QUANTITY, QUALITY, AND PRICE DATA FOR CALENDAR YEAR 1979

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
PACIFIC REGION														
ALASKA														
CHUGACH ELECTRIC ASSOC														
BELUGA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12352.0	111.5	1.12	0.0	0.0	100.0
BERNICE LAKE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1309.0	101.7	1.02	0.0	0.0	100.0
INTERNATIONAL STAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	491.0	101.6	1.02	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14152.0	110.3	1.11	0.0	0.0	100.0
CALIFORNIA														
BURBANK PUBLIC SERVICE DEPT														
MAGNOLIA/OLIVE	0.0	0.0	0.0	0.0	830.0	348.4	21.52	0.24	2011.0	240.3	2.59	0.0	70.3	29.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	830.0	348.4	21.52	0.24	2011.0	240.3	2.59	0.0	70.3	29.7
GLENDALE PUBLIC SERVICE DEPT														
GLENDALE	0.0	0.0	0.0	0.0	612.2	374.5	22.82	0.21	1872.4	242.5	2.62	0.0	64.9	35.1
COMPANY TOTALS	0.0	0.0	0.0	0.0	612.2	374.5	22.82	0.21	1872.4	242.5	2.62	0.0	64.9	35.1
IMPERIAL IRRIGATION DIST														
BRAWLEY (GT)	0.0	0.0	0.0	0.0	7.8	506.3	29.98	0.13	0.0	0.0	0.0	0.0	100.0	0.0
COACHELLA (GT)	0.0	0.0	0.0	0.0	3.7	388.6	23.01	0.13	470.1	244.4	2.55	0.0	4.3	95.7
EL CENTRO	0.0	0.0	0.0	0.0	950.8	284.9	18.07	0.89	2289.6	239.7	2.51	0.0	71.6	28.4
ROCKWOOD	0.0	0.0	0.0	0.0	14.0	551.9	32.68	0.39	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	976.3	290.5	18.39	0.87	2759.7	240.5	2.51	0.0	68.2	31.8
LOS ANGELES DEPT OF WTR & PWR														
HARBOR	0.0	0.0	0.0	0.0	584.0	268.1	16.45	0.22	572.0	232.4	2.44	0.0	85.7	14.3
HAYNES	0.0	0.0	0.0	0.0	12669.0	328.3	20.07	0.22	4385.0	224.5	2.35	0.0	94.4	5.6
SCATTERGOOD	0.0	0.0	0.0	0.0	217.0	496.3	30.23	0.17	19909.0	238.7	2.51	0.0	5.9	94.1
VALLEY	0.0	0.0	0.0	0.0	776.0	294.4	17.94	0.22	5844.0	241.3	2.53	0.0	43.6	56.4
COMPANY TOTALS	0.0	0.0	0.0	0.0	14246.0	326.5	19.96	0.22	30710.0	237.1	2.49	0.0	73.0	27.0
PACIFIC GAS & ELECTRIC														
AVON	0.0	0.0	0.0	0.0	78.1	305.2	18.83	0.47	3049.5	298.7	3.31	0.0	12.5	87.5
CONTRA COSTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51300.2	252.9	2.62	0.0	0.0	100.0
HUMBOLDT BAY	0.0	0.0	0.0	0.0	245.6	284.4	17.82	1.33	4913.2	237.9	2.41	0.0	23.6	76.4
HUNTERS POINT	0.0	0.0	0.0	0.0	616.6	303.0	19.16	0.30	17321.4	242.3	2.55	0.0	17.6	82.4
KERN	0.0	0.0	0.0	0.0	276.8	353.8	22.05	1.16	8583.3	251.0	2.71	0.0	15.7	84.3
MARTINEZ	0.0	0.0	0.0	0.0	247.3	293.1	18.62	0.69	2810.7	295.9	3.12	0.0	34.7	65.3
MORRO BAY	0.0	0.0	0.0	0.0	4195.4	313.6	19.49	0.49	26998.7	239.8	2.60	0.0	47.1	52.9
MOSS LANDING	0.0	0.0	0.0	0.0	7082.2	314.4	19.37	0.43	58072.3	240.8	2.61	0.0	41.0	59.0
OAKLAND	0.0	0.0	0.0	0.0	275.6	427.6	24.75	0.08	0.0	0.0	0.0	0.0	100.0	0.0
OLEUM	0.0	0.0	0.0	0.0	1.3	347.1	20.35	0.11	5929.8	283.0	3.08	0.0	0.1	99.9
PITTSBURG	0.0	0.0	0.0	0.0	12164.0	318.2	19.69	0.49	38993.6	236.3	2.46	0.0	65.0	35.0
POTRERO	0.0	0.0	0.0	0.0	1061.2	329.7	19.90	0.26	8583.1	242.0	2.54	0.0	41.5	58.5
COMPANY TOTALS	0.0	0.0	0.0	0.0	26244.1	317.3	19.62	0.47	226555.7	245.7	2.60	0.0	40.3	59.7
PASADENA WTR & PWR DEPT														
BROADWAY	0.0	0.0	0.0	0.0	895.6	341.1	21.11	0.25	1108.4	233.0	2.44	0.0	82.7	17.3
GLENARM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	832.6	274.0	2.86	0.0	0.0	100.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	895.6	341.1	21.11	0.25	1941.1	250.5	2.62	0.0	73.2	26.8
SAN DIEGO GAS & ELECTRIC														
ENCINA	0.0	0.0	0.0	0.0	7331.0	324.0	20.20	0.43	8016.0	271.3	2.84	0.0	84.5	15.5
KEARNY (GT)	0.0	0.0	0.0	0.0	9.0	354.6	20.55	0.24	289.0	266.9	2.79	0.0	14.7	85.3
MIRAMAR (GT)	0.0	0.0	0.0	0.0	1.0	360.9	20.92	0.23	128.0	266.9	2.79	0.0	4.1	95.9
N ISLAND (GT)	0.0	0.0	0.0	0.0	50.0	372.0	21.56	0.24	0.0	0.0	0.0	0.0	100.0	0.0
SILVER GATE	0.0	0.0	0.0	0.0	74.0	310.3	18.26	0.19	2183.0	260.7	2.73	0.0	16.0	84.0
SOUTH BAY	0.0	0.0	0.0	0.0	3208.0	312.0	19.30	0.43	15578.0	271.3	2.84	0.0	54.9	45.1
STATION B	0.0	0.0	0.0	0.0	11.0	316.7	18.53	0.18	373.0	266.1	2.78	0.0	14.2	85.8
NAVEL STATION	0.0	0.0	0.0	0.0	1.0	312.5	18.11	0.25	1781.0	271.9	2.85	0.0	0.3	99.7
COMPANY TOTALS	0.0	0.0	0.0	0.0	10685.0	320.5	19.92	0.43	28348.0	270.4	2.83	0.0	69.1	30.9
SOUTHERN CALIFORNIA EDISON														
ALAMITOS	0.0	0.0	0.0	0.0	14172.0	306.9	18.72	0.25	19560.0	235.6	2.46	0.0	80.9	19.1
COOL WATER	0.0	0.0	0.0	0.0	1507.0	365.9	19.24	0.12	14767.0	264.8	2.87	0.0	33.1	66.9
ELLWOOD (GT)	0.0	0.0	0.0	0.0	28.0	505.0	28.56	0.08	29.6	257.8	2.78	0.0	83.3	16.7
EL SEGUNDO	0.0	0.0	0.0	0.0	5284.0	305.8	18.65	0.25	16404.0	236.6	2.49	0.0	65.1	34.9
ETIWANDA	0.0	0.0	0.0	0.0	6139.0	289.0	17.63	0.25	14979.0	239.9	2.51	0.0	70.5	29.5
HIGHGROVE	0.0	0.0	0.0	0.0	105.0	465.2	28.37	0.25	1203.0	243.1	2.54	0.0	33.8	66.2
HUNTINGTON BEACH	0.0	0.0	0.0	0.0	4200.0	310.6	18.95	0.25	16688.0	241.1	2.52	0.0	59.5	40.5
LONG BEACH	0.0	0.0	0.0	0.0	463.0	374.4	19.09	0.10	5996.0	255.0	2.67	0.0	27.3	72.7
MANDALAY	0.0	0.0	0.0	0.0	2747.0	330.8	20.17	0.25	10256.0	221.0	2.33	0.0	60.7	39.3
REDONDO	0.0	0.0	0.0	0.0	3524.0	312.0	19.03	0.25	44479.0	237.8	2.49	0.0	31.6	68.4
SAN BERNARDINO	0.0	0.0	0.0	0.0	57.0	365.9	22.32	0.25	5907.0	239.5	2.50	0.0	5.3	94.7
ORMOND BEACH	0.0	0.0	0.0	0.0	9119.0	307.7	18.77	0.25	3043.0	247.9	2.68	0.0	94.4	5.6
COMPANY TOTALS	0.0	0.0	0.0	0.0	47345.0	309.4	18.76	0.24	153311.6	240.5	2.53	0.0	64.0	36.0
HAWAII														
HAWAIIAN ELECTRIC														
HILL	0.0	0.0	0.0	0.0	81.6	193.8	12.22	1.60	0.0	0.0	0.0	0.0	100.0	0.0
HONOLULU	0.0	0.0	0.0	0.0	588.3	328.2	20.42	0.50	0.0	0.0	0.0	0.0	100.0	0.0
KAHE	0.0	0.0	0.0	0.0	5254.3	244.0	15.66	1.85	0.0	0.0	0.0	0.0	100.0	0.0
WAIAU	0.0	0.0	0.0	0.0	3129.9	249.8	15.53	0.49	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	9054.1	250.9	15.89	1.29	0.0	0.0	0.0	0.0	100.0	0.0
HAWAII ELECTRIC LT CO														
HILL	0.0	0.0	0.0	0.0	324.7	340.9	20.54	1.63	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	324.7	340.9	20.54	1.63	0.0	0.0	0.0	0.0	100.0	0.0
MAUI ELECTRIC														
KAHULUI	0.0	0.0	0.0	0.0	479.9	286.4	18.05	1.34	0.0	0.0	0.0	0.0	100.0	0.0
MAALAEA	0.0	0.0	0.0	0.0	246.0	416.7	24.33	0.29	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	725.9	328.4	20.18	0.99	0.0	0.0	0.0	0.0	100.0	0.0

PLANT FOSSIL FUEL QUANTITY, QUALITY, AND PRICE DATA FOR CALENDAR YEAR 1979

STATE / COMPANY / PLANT	COAL QUANTITY/ 1000 TONS	COAL C/MM BTU	COAL $/ TON	COAL AV. % SULF.	OIL QUANTITY/ 1000 BBLS	OIL C/MM BTU	OIL $/ BBL	OIL AV. % SULF.	GAS QUANTITY/ 1000 MCF	GAS C/MM BTU	GAS $/ MCF	% OF TOTAL BTUS DELIVERED COAL	OIL	GAS
PACIFIC REGION														
OREGON														
PACIFIC POWER & LIGHT														
LINCOLN	0.0	0.0	0.0	0.0	18.0	279.9	15.78	0.10	861.4	291.1	3.05	0.0	10.1	89.9
COMPANY TOTALS	0.0	0.0	0.0	0.0	18.0	279.9	15.78	0.10	861.4	291.1	3.05	0.0	10.1	89.9
PORTLAND GENERAL ELECTRIC														
BEAVER (GT)	0.0	0.0	0.0	0.0	1292.0	624.1	35.91	0.30	0.0	0.0	0.0	0.0	100.0	0.0
BETHEL (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1883.5	335.4	3.51	0.0	0.0	100.0
HARBORTON (GT)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	597.6	354.3	3.71	0.0	0.0	100.0
BOARDMAN	1.0	172.9	34.67	0.53	10.0	528.5	30.41	0.32	0.0	0.0	0.0	26.2	73.8	0.0
COMPANY TOTALS	1.0	172.9	34.67	0.53	1302.0	623.4	35.87	0.30	2481.1	339.9	3.56	0.2	74.1	25.7
WASHINGTON														
PACIFIC POWER & LIGHT														
CENTRALIA	4800.0	83.6	13.55	0.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
COMPANY TOTALS	4800.0	83.6	13.55	0.87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
PUGET SOUND POWER & LIGHT														
SHUFFLETON	0.0	0.0	0.0	0.0	445.6	260.8	16.61	1.71	0.0	0.0	0.0	0.0	100.0	0.0
S WHIDBEY (GT)	0.0	0.0	0.0	0.0	7.5	541.1	31.64	0.27	0.0	0.0	0.0	0.0	100.0	0.0
WHITEHORN	0.0	0.0	0.0	0.0	7.3	541.4	30.32	0.23	0.0	0.0	0.0	0.0	100.0	0.0
COMPANY TOTALS	0.0	0.0	0.0	0.0	460.4	268.9	17.07	1.66	0.0	0.0	0.0	0.0	100.0	0.0
WASHINGTON WTR PWR CO														
NORTHEAST	0.0	0.0	0.0	0.0	11.9	495.0	28.07	0.10	184.9	264.4	2.72	0.0	26.2	73.8
COMPANY TOTALS	0.0	0.0	0.0	0.0	11.9	495.0	28.07	0.10	184.9	264.4	2.72	0.0	26.2	73.8
NATIONAL TOTALS	557141.1	122.3	26.14	1.73	515814.8	307.2	18.98	1.01	3368976.0	174.9	1.81	64.1	17.2	18.7

Appendix B

PROFILE OF FUEL DELIVERIES TO ELECTRIC UTILITIES, 1976-1979

Included in Appendix B are utilities which at one time filed Form 423 data but ceased reporting as a result of either retirement or derating of units below the minimum capacity requirement of 25 megawatts. The following is a list of such utilities:

1. Blackstone Valley Elec.
2. Central Vermont Public Service Corp.
3. Green Mountain Power Corp.
4. Marshall Utilities
5. N. W. Electric Power Coop.
6. Frankfort Lt. Pwr Dept.

Appendix B also includes utilities which initially filed Form 423 reports under one name, but because of changes in either the owner or operator, currently file under a different name. The following is a list of those companies:

1. Consumers Public Pwr. Dist. - now filed by - Nebraska Pub. Pwr. Sys.
2. New Jersey Pwr. & Lt. Co. - now filed by - Jersey Central Pwr. & Lt.
3. Southern Elec. Gen. Co. - now filed by - Alabama Power Co.
4. Hawaiian Electric - now filed by - Hawaii Electric Lt.Co.
5. Monroe, City of - now filed by - Louisiana Pwr & Lt

Some utilities continue to file Form 423 but show no fossil fuel purchases for one or more years. When no activity is reported during a full year, the computer program makes no entry for that year.

<u>Note</u>: Explanation of column headings and the various commodities which were included in these headings are presented at the end of this appendix.

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE IN $ PER TON			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE IN $ PER BBL			QUAN	% OF	BTU	AV.
YEAR	1000 TONS	% ON CONTR	BTU/ LB	SULF WT %	ASH WT %	SPOT	CONTR	TOTAL	1000 BBLS	% ON CONTR	BTU/ GAL	SULF WT %	SPOT	CONTR	TOTAL	1000 BBLS	TOTAL #2+#6	CONT/ GAL	PRICE $/BBL
ALABAMA ELEC COOP INC																			
1976	148	0.0	11677	1.35	16.0	23.51	0.0	23.51	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	229	93.1	11497	1.31	15.3	26.27	27.16	27.10	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	387	100.0	11335	1.26	14.6	0.0	35.35	35.35	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	662	100.0	11212	1.31	15.2	0.0	36.48	36.48	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
ALABAMA POWER CO (SC)																			
1976	10786	67.1	11782	1.38	14.0	21.64	22.79	22.41	0	0.0	0	0.0	0.0	0.0	0.0	544	100.0	136571	13.54
1977	12670*	57.8	11727	1.40	13.9	27.13	25.93	26.44	0	0.0	0	0.0	0.0	0.0	0.0	560	100.0	135873	15.75
1978	11107	64.2	11967	1.44	13.2	33.93	31.41	32.31	4*	100.0	140052	0.28	0.0	16.05	16.05	490	99.1	136949	16.29
1979	11600	79.9	11998	1.49	13.0	31.55	36.29	35.34	0	0.0	0	0.0	0.0	0.0	0.0	340	100.0	136585	24.36
ALEXANDRIA, CITY OF																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
AMES, CITY OF																			
1976	80	98.0	10063	2.96	9.9	31.62	20.45	20.68	0	0.0	0	0.0	0.0	0.0	0.0	6	100.0	138360	14.14
1977	101	93.7	10165	4.14	13.4	28.04	22.32	22.68	0	0.0	0	0.0	0.0	0.0	0.0	10	100.0	138360	15.45
1978	142	100.0	10326	2.60	9.9	0.0	28.15	28.15	0	0.0	0	0.0	0.0	0.0	0.0	12	100.0	138360	16.61
1979	175	99.0	9439	2.55	13.6	21.01	29.87	29.78	0	0.0	0	0.0	0.0	0.0	0.0	9	100.0	138360	16.38
APPALACHIAN POWER (AEP)																			
1976	9982	91.6	11699	0.87	15.3	21.42	24.12	23.89	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	10185	83.3	11601	0.91	15.5	27.12	28.08	27.92	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	9931	86.4	11627	0.89	15.1	33.04	31.06	31.33	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	10681	99.1	11830	0.79	14.4	23.06	35.45	35.34	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
ARIZONA ELECTRIC POWER COOP INC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	33	100.0	138954	14.50
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	44	100.0	140746	16.04
1978	331	0.0	10193	0.47	11.9	29.40	0.0	29.40	0	0.0	0	0.0	0.0	0.0	0.0	4	100.0	139552	14.83
1979	950	0.0	9873	0.46	14.8	32.54	0.0	32.54	0	0.0	0	0.0	0.0	0.0	0.0	66	100.0	137858	32.34
ARIZONA PUBLIC SERVICE																			
1976	7201	100.0	8862	0.61	21.9	0.0	4.93	4.93	1236*	89.5	147038	0.49	14.85	15.89	15.78	495	28.6	137534	13.74
1977	7946	100.0	8868	0.64	20.8	0.0	5.64	5.64	1736*	92.1	147663	0.56	15.22	14.79	14.83	802	31.6	138360	15.49
1978	7346	100.0	8996	0.60	20.2	0.0	8.16	8.16	511	100.0	148500	0.68	0.0	13.97	13.97	327	39.0	138106	14.01
1979	7809	100.0	9019	0.64	20.1	0.0	9.07	9.07	1700	17.8	149791	0.75	18.89	19.55	19.01	199	10.5	139326	28.34
ARKANSAS ELECTRIC COOP																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1783	37.7	151216	2.76	10.17	10.86	10.43	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2106	0.0	151109	2.60	12.00	0.0	12.00	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2010	0.0	150791	2.65	11.67	0.0	11.67	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1092	0.0	149915	2.61	15.40	0.0	15.40	0	0.0	0	0.0
ARKANSAS-MISSOURI POWER																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8	100.0	150275	0.90	0.0	14.08	14.08	31	79.0	135794	13.70
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	123	100.0	149511	0.88	0.0	13.36	13.38	139	53.0	138384	15.21
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	232	100.0	149685	1.00	0.0	13.68	13.68	232	50.0	139111	15.55
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	53	100.0	149673	1.06	0.0	16.83	16.83	20	27.6	137632	18.05
ARKANSAS POWER & LIGHT (MSU)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6406	100.0	149591	0.99	0.0	12.53	12.53	358	5.3	138907	14.45
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	11015	100.0	149136	0.95	0.0	12.67	12.67	738	6.3	137863	15.16
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10580	100.0	149122	0.96	0.0	12.15	12.15	869	7.6	140591	15.14
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6278	100.0	150154	1.05	0.0	15.83	15.83	183	2.8	142772	16.11
ASSOCIATED ELEC COOP-MISSOURI																			
1976	3136*	100.0	10116	4.05	15.5	0.0	11.90	11.90	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	3977*	100.0	10378	3.84	14.3	0.0	14.80	14.80	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	3955*	100.0	10377	3.70	14.7	0.0	19.41	19.41	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	4389	100.0	10449	3.57	12.8	0.0	20.78	20.78	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
ATLANTIC CITY ELECTRIC																			
1976	656	100.0	12682	2.79	10.7	0.0	31.42	31.42	1289*	100.0	145738	1.40	0.0	12.18	12.18	213*	14.2	135263	14.21
1977	784	100.0	12558	3.06	11.9	0.0	29.97	29.97	1544	100.0	148002	1.89	0.0	13.90	13.90	443*	22.3	135735	15.84
1978	560	100.0	12674	2.90	11.2	0.0	32.28	32.28	1819	93.5	148702	1.89	12.96	13.29	13.27	328*	15.3	135298	16.64
1979	636	100.0	12732	2.98	11.0	0.0	34.57	34.57	1587	89.7	148453	1.87	13.91	17.84	17.43	437*	21.6	135574	26.12
AUSTIN UTILITIES																			
1976	52	78.1	12286	1.92	7.8	29.23	32.14	31.51	74	66.0	150976	2.04	11.49	12.11	11.90	0	0.0	0	0.0
1977	61	96.3	12149	1.91	8.4	33.19	32.31	32.34	106*	43.4	149021	1.87	12.95	13.19	13.06	0	0.0	0	0.0
1978	41*	65.2	12581	1.88	7.7	35.69	37.33	36.76	146*	5.9	148394	1.80	12.73	12.96	12.74	0	0.0	0	0.0
1979	50*	1.9	12583	1.88	8.6	40.36	39.64	40.34	60*	0.0	147156	1.67	14.39	0.0	14.39	0	0.0	0	0.0

NATURAL GAS						TOTAL QUANTITY DELIVERED IN BILLION BTUS				% OF TOTAL BTUS			TOTAL DELIVERED FUEL COST IN $1000				% OF FUEL COST		
AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	COAL	OIL	GAS	TOTAL	COAL	OIL	GAS	COAL	OIL	GAS	TOTAL	COAL	OIL	GAS
ALABAMA ELEC COOP INC																			
44	1029	0.76	0.0	0.76	0.0	3447	0	45	3492	98.7	0.0	1.3	3470	0	34	3504	99.0	0.0	1.0
502	1025	1.03	0.0	1.03	0.0	5274	0	515	5788	91.1	0.0	8.9	6216	0	518	6734	92.3	0.0	7.7
1091	1025	1.39	0.0	1.39	0.0	8779	0	1118	9898	88.7	0.0	11.3	13690	0	1516	15206	90.0	0.0	10.0
490	1028	1.98	0.0	1.98	0.0	14843	0	503	15346	96.7	0.0	3.3	24149	0	968	25117	96.1	0.0	3.9
ALABAMA POWER CO (SC)																			
3810	1154	1.14	1.92	1.91	99.2	254176	3122	4397	261696	97.1	1.2	1.7	241703	7368	7290	256361	94.3	2.9	2.8
3257	1207	2.44	2.15	2.23	71.5	297173	3195	3930	304297	97.7	1.0	1.3	334981	8819	7267	351067	95.4	2.5	2.1
5857	1144	2.53	2.43	2.52	5.4	265818	2842	6702	275362	96.5	1.0	2.4	358893	8044	14786	381723	94.0	2.1	3.9
6793	1127	2.60	0.0	2.60	0.0	278367	1952	7658	287976	96.7	0.7	2.7	409935	8289	17646	435871	94.0	1.9	4.0
ALEXANDRIA, CITY OF																			
5284	1000	1.36	1.54	1.39	16.8	0	0	5284	5284	0.0	0.0	100.0	0	0	7336	7336	0.0	0.0	100.0
5362	1039	1.70	0.0	1.70	0.0	0	0	5570	5570	0.0	0.0	100.0	0	0	9116	9116	0.0	0.0	100.0
5506	1053	2.14	0.0	2.14	0.0	0	0	5798	5798	0.0	0.0	100.0	0	0	11769	11769	0.0	0.0	100.0
5364	1025	2.43	0.0	2.43	0.0	0	0	5498	5498	0.0	0.0	100.0	0	0	13047	13047	0.0	0.0	100.0
AMES, CITY OF																			
613	1000	0.91	0.0	0.91	0.0	1603	36	613	2251	71.2	1.6	27.2	1647	88	556	2291	71.9	3.8	24.3
65	1000	1.27	0.0	1.27	0.0	2060	55	64	2180	94.5	2.5	3.0	2298	147	82	2527	90.9	5.8	3.2
45	1000	1.52	0.0	1.52	0.0	2923	73	45	3040	96.1	2.4	1.5	3985	208	68	4261	93.5	4.9	1.6
24	1000	1.52	0.0	1.52	0.0	3310	50	24	3384	97.8	1.5	0.7	5222	140	37	5399	96.7	2.6	0.7
APPALACHIAN POWER (AEP)																			
0	0	0.0	0.0	0.0	0.0	233557	0	0	233557	100.0	0.0	0.0	238490	0	0	238490	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	236321	0	0	236321	100.0	0.0	0.0	284427	0	0	284427	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	230925	0	0	230925	100.0	0.0	0.0	311101	0	0	311101	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	252718	0	0	252718	100.0	0.0	0.0	377444	0	0	377444	100.0	0.0	0.0
ARIZONA ELECTRIC POWER COOP INC																			
3302	1068	0.87	0.0	0.87	0.0	0	190	3526	3716	0.0	5.1	94.9	0	471	2882	3353	0.0	14.1	85.9
3647	1063	1.13	0.0	1.13	0.0	0	258	3877	4135	0.0	6.2	93.8	0	700	4123	4823	0.0	14.5	85.5
4732	1059	1.37	0.0	1.37	0.0	6740	26	5013	11779	57.2	0.2	42.6	9721	65	6481	16268	59.8	0.4	39.8
3509	1057	1.88	0.0	1.88	0.0	18758	383	3707	22849	82.1	1.7	16.2	30917	2142	6613	39672	77.9	5.4	16.7
ARIZONA PUBLIC SERVICE																			
10194	1068	0.87	0.0	0.87	0.0	127636	10492	10892	149019	85.7	7.0	7.3	35526	26302	8892	70719	50.2	37.2	12.6
10991	1062	1.14	0.0	1.14	0.0	140938	15429	11672	168039	83.9	9.2	6.9	44784	38169	12577	95529	46.9	40.0	13.2
19256	1067	1.40	0.0	1.40	0.0	132162	5085	20538	157785	83.8	3.2	13.0	59975	11721	27000	98696	60.8	11.9	27.4
20649	1061	2.16	2.48	2.16	2.2	140854	11860	21903	174616	80.7	6.8	12.5	70859	37958	44674	153491	46.2	24.7	29.1
ARKANSAS ELECTRIC COOP																			
661	1011	0.83	0.0	0.83	0.0	0	11325	669	11994	0.0	94.4	5.6	0	18599	549	19148	0.0	97.1	2.9
75	1022	1.19	0.0	1.19	0.0	0	13367	76	13443	0.0	99.4	0.6	0	25280	89	25368	0.0	99.7	0.3
80	1018	1.55	0.0	1.55	0.0	0	12732	81	12813	0.0	99.4	0.6	0	23466	124	23590	0.0	99.5	0.5
1202	1014	1.93	0.0	1.93	0.0	0	6877	1218	8095	0.0	85.0	15.0	0	16818	2317	19135	0.0	87.9	12.1
ARKANSAS-MISSOURI POWER																			
294	1027	0.77	0.0	0.77	0.0	0	227	302	529	0.0	42.9	57.1	0	536	226	762	0.0	70.4	29.6
0	0	0.0	0.0	0.0	0.0	0	1584	0	1584	0.0	100.0	0.0	0	3768	0	3768	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	2812	0	2812	0.0	100.0	0.0	0	6778	0	6778	0.0	100.0	0.0
1088	1028	2.28	0.0	2.28	0.0	0	454	1119	1572	0.0	28.9	71.1	0	1268	2478	3745	0.0	33.8	66.2
ARKANSAS POWER & LIGHT (MSU)																			
14683	1013	0.80	0.0	0.80	0.0	0	42336	14878	57213	0.0	74.0	26.0	0	85409	11744	97153	0.0	87.9	12.1
6674	1052	1.02	0.0	1.02	0.0	0	73269	7019	80288	0.0	91.3	8.7	0	150708	6779	157487	0.0	95.7	4.3
6895	1053	1.16	0.0	1.16	0.0	0	71397	7261	78658	0.0	90.8	9.2	0	141732	7975	149707	0.0	94.7	5.3
28813	1026	1.75	0.0	1.75	0.0	0	40689	29568	70257	0.0	57.9	42.1	0	102337	50370	152707	0.0	67.0	33.0
ASSOCIATED ELEC COOP-MISSOURI																			
0	0	0.0	0.0	0.0	0.0	63445	0	0	63445	100.0	0.0	0.0	37325	0	0	37325	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	82546	0	0	82546	100.0	0.0	0.0	58843	0	0	58843	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	82084	0	0	82084	100.0	0.0	0.0	76756	0	0	76756	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	91715	0	0	91715	100.0	0.0	0.0	91186	0	0	91186	100.0	0.0	0.0
ATLANTIC CITY ELECTRIC																			
0	0	0.0	0.0	0.0	0.0	16651	9101	0	25752	64.7	35.3	0.0	20626	18724	0	39349	52.4	47.6	0.0
0	0	0.0	0.0	0.0	0.0	19681	12124	0	31805	61.9	38.1	0.0	23486	28491	0	51977	45.2	54.8	0.0
0	0	0.0	0.0	0.0	0.0	14195	13225	0	27421	51.8	48.2	0.0	18076	29602	0	47678	37.9	62.1	0.0
0	0	0.0	0.0	0.0	0.0	16191	12379	0	28571	56.7	43.3	0.0	21982	39065	0	61046	36.0	64.0	0.0
AUSTIN UTILITIES																			
1356	999	0.83	1.00	0.84	5.6	1270	466	1355	3091	41.1	15.1	43.8	1629	875	1142	3647	44.7	24.0	31.3
666	992	1.09	1.26	1.12	15.9	1484	665	661	2810	52.8	23.7	23.5	1975	1387	745	4107	48.1	33.8	18.1
166	988	1.27	1.43	1.42	96.1	1023	907	164	2095	48.8	43.3	7.9	1494	1855	236	3585	41.7	51.7	6.6
1628	985	1.71	1.84	1.72	7.8	1261	372	1603	3236	39.0	11.5	49.5	2022	865	2807	5694	35.5	15.2	49.3

YEAR	COAL QUAN. DELIV. 1000 TONS	COAL % ON CONTR	COAL AVERAGE CONTENT BTU/LB	COAL SULF WT %	COAL ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	COAL CONTR	COAL TOTAL	RESIDUAL OIL #6 QUAN. DELIV. 1000 BBLS	RESIDUAL OIL #6 % ON CONTR	RESIDUAL OIL #6 AV. CONTENT BTU/GAL	RESIDUAL OIL #6 SULF WT %	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL SPOT	RESIDUAL OIL #6 CONTR	RESIDUAL OIL #6 TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	FUEL OIL # 2 % OF TOTAL #2+#6	FUEL OIL # 2 BTU CONT/GAL	FUEL OIL # 2 AV. PRICE $/BBL
BALTIMORE GAS & ELECTRIC																			
1976	353	90.4	13092	0.87	8.9	39.05	48.71	47.78	8728	100.0	145918	0.88	0.0	11.73	11.73	207*	2.3	137623	13.48
1977	594	100.0	13208	0.86	8.3	0.0	49.80	49.80	8405	100.0	145695	0.94	0.0	13.69	13.69	297*	3.4	137090	15.34
1978	342	100.0	13157	0.88	8.5	0.0	52.22	52.22	10671	100.0	145272	0.96	0.0	12.90	12.90	137*	1.3	137206	15.92
1979	545	100.0	12621	0.87	10.2	0.0	46.42	46.42	7637	100.0	147089	0.97	0.0	19.81	19.81	104	1.3	138508	24.64
BANGOR HYDRO																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	235	0.0	149871	2.29	11.43	0.0	11.43	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	7	0.0	149124	2.12	12.71	0.0	12.71	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6	0.0	148593	2.24	12.70	0.0	12.70	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	100	0.0	148745	2.16	16.12	0.0	16.12	0	0.0	0	0.0
BASIN ELECTRIC POWER COOP																			
1976	3988	100.0	6574	0.52	13.8	0.0	4.03	4.03	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	3669	100.0	6625	0.51	13.4	0.0	5.63	5.63	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	3814	99.9	6697	0.52	13.3	24.38	5.21	5.22	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	3077	8.9	6605	0.53	13.5	6.16	9.45	6.45	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
BIG RIVERS RURAL ELEC COOP																			
1976	2577	75.1	10622	3.52	14.4	15.57	10.67	11.89	0	0.0	0	0.0	0.0	0.0	0.0	149	100.0	136000	13.95
1977	2988*	72.1	11035	2.67	12.3	19.34	15.14	16.31	0	0.0	0	0.0	0.0	0.0	0.0	206*	100.0	112794	15.64
1978	2724*	66.0	11183	2.73	12.1	24.90	18.96	20.98	0	0.0	0	0.0	0.0	0.0	0.0	276*	100.0	102500	13.94
1979	2969	96.6	11028	3.04	12.6	20.97	20.30	20.33	0	0.0	0	0.0	0.0	0.0	0.0	14*	100.0	116052	19.31
BLACK HILLS POWER & LIGHT																			
1976	576	100.0	8090	0.43	6.1	0.0	4.95	4.95	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	594	100.0	8053	0.43	5.6	0.0	5.92	5.92	0	0.0	0	0.0	0.0	0.0	0.0	56	100.0	135000	16.91
1978	559	100.0	8086	0.43	5.4	0.0	7.47	7.47	0	0.0	0	0.0	0.0	0.0	0.0	162	100.0	135000	19.48
1979	620	100.0	8039	0.44	6.3	0.0	8.28	8.28	0	0.0	0	0.0	0.0	0.0	0.0	32	100.0	135000	28.54
BOSTON EDISON																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14935	95.3	145603	0.89	10.99	11.59	11.56	72	0.5	137530	13.58
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14984	96.0	146469	1.01	11.65	13.51	13.43	90	0.6	136537	15.37
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14598	91.1	146473	0.91	11.62	12.66	12.57	77	0.5	135619	16.20
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14065	90.4	147734	0.91	21.23	19.77	19.91	100	0.7	137561	24.98
BRAZOS ELECTRIC POWER COOP																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
BROWNSVILLE PUB UTILS BD																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	11	100.0	140000	15.53
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
BURBANK PUBLIC SERVICE DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	559	96.1	146651	0.42	15.04	13.42	13.48	8*	1.4	135230	13.92
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	993	100.0	146556	0.38	0.0	15.70	15.70	4*	0.4	136522	15.23
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	482	100.0	147179	0.24	0.0	15.89	15.89	10*	2.0	136776	15.38
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	828	100.0	147084	0.24	0.0	21.51	21.51	2*	0.2	138851	27.18
BURLINGTON ELECTRIC DEPARTMENT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	20	0.0	12854	1.53	11.3	35.39	0.0	35.39	0	0.0	0	0.0	0.0	0.0	0.0	35	100.0	137314	16.18
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	13	0.0	12963	1.54	10.7	45.95	0.0	45.95	0	0.0	0	0.0	0.0	0.0	0.0	18	100.0	139000	33.35
CAJUN ELEC PWR COOP																			
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	210	100.0	137734	15.14
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	353	100.0	137921	15.30
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	207	100.0	141554	23.90
CAMBRIDGE ELEC LT CO (NEGA)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	494	100.0	144759	0.43	0.0	12.16	12.16	13*	2.6	133468	14.63
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	359	100.0	145926	0.42	0.0	14.41	14.41	7*	1.9	133468	16.12
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	376	100.0	145115	0.49	0.0	13.67	13.67	6*	1.6	133468	17.20
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	297	90.6	145772	0.49	13.00	19.42	18.81	8*	2.6	133468	26.24
CARDINAL OPERATING CO (AEP)																			
1976	2510	74.9	11239	2.55	16.3	15.82	22.32	20.69	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	3205	85.7	11241	2.08	15.2	17.35	23.05	22.23	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	3590	68.1	11331	2.17	14.6	23.10	27.39	26.02	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	4358	70.4	11470	1.81	14.4	25.68	28.61	27.74	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0

NATURAL GAS						TOTAL QUANTITY DELIVERED							TOTAL DELIVERED FUEL COST						
AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
BALTIMORE GAS & ELECTRIC																			
9	1010	0.99	0.0	0.99	0.0	9243	54687	9	63938	14.5	85.5	0.0	16867	105195	9	122071	13.8	86.2	0.0
47	1017	2.09	0.0	2.09	0.0	15691	53142	48	68881	22.8	77.2	0.1	29579	119647	98	149324	19.8	80.1	0.1
242	1067	1.92	0.0	1.92	0.0	8999	65898	258	75155	12.0	87.7	0.3	17859	139850	465	158174	11.3	88.4	0.3
8731	1078	1.86	0.0	1.86	0.0	13756	47784	9408	70949	19.4	67.4	13.3	25301	153867	16231	195399	12.9	78.7	8.3
BANGOR HYDRO																			
0	0	0.0	0.0	0.0	0.0	0	1478	0	1478	0.0	100.0	0.0	0	2685	0	2685	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	44	0	44	0.0	100.0	0.0	0	88	0	88	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	36	0	36	0.0	100.0	0.0	0	74	0	74	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	625	0	625	0.0	100.0	0.0	0	1612	0	1612	0.0	100.0	0.0
BASIN ELECTRIC POWER COOP																			
0	0	0.0	0.0	0.0	0.0	52439	0	0	52439	100.0	0.0	0.0	16057	0	0	16057	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	48609	0	0	48609	100.0	0.0	0.0	20666	0	0	20666	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	51084	0	0	51084	100.0	0.0	0.0	19918	0	0	19918	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	40656	0	0	40656	100.0	0.0	0.0	19863	0	0	19863	100.0	0.0	0.0
BIG RIVERS RURAL ELEC COOP																			
132	1000	0.94	0.88	0.94	3.6	54739	849	132	55720	98.2	1.5	0.2	30631	2072	124	32827	93.3	6.3	0.4
50	1000	1.34	1.36	1.35	13.5	65953	975	50	66978	98.5	1.5	0.1	48734	3219	68	52020	93.7	6.2	0.1
57	1000	1.55	0.0	1.55	0.0	60918	1188	56	62162	98.0	1.9	0.1	57141	3845	88	61074	93.6	6.3	0.1
77	1000	2.13	0.0	2.13	0.0	65474	71	77	65622	99.8	0.1	0.1	60340	280	164	60785	99.3	0.5	0.3
BLACK HILLS POWER & LIGHT																			
0	0	0.0	0.0	0.0	0.0	9315	0	0	9315	100.0	0.0	0.0	2847	0	0	2847	100.0	0.0	0.0
4	947	0.0	1.11	1.11	100.0	9573	318	4	9895	96.7	3.2	0.0	3521	948	4	4473	78.7	21.2	0.1
8	928	0.0	1.43	1.43	100.0	9038	918	7	9964	90.7	9.2	0.1	4174	3154	12	7340	56.9	43.0	0.2
23	933	0.0	2.22	2.22	100.0	9962	181	21	10164	98.0	1.8	0.2	5133	909	50	6093	84.3	14.9	0.8
BOSTON EDISON																			
0	0	0.0	0.0	0.0	0.0	0	91789	0	91789	0.0	100.0	0.0	0	173660	0	173660	0.0	100.0	0.0
15	1000	1.95	0.0	1.95	0.0	0	92693	15	92707	0.0	100.0	0.0	0	202683	29	202712	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	90239	0	90239	0.0	100.0	0.0	0	184727	0	184727	0.0	100.0	0.0
194	1047	1.76	0.0	1.76	0.0	0	87847	203	88050	0.0	99.8	0.2	0	282542	342	282884	0.0	99.9	0.1
BRAZOS ELECTRIC POWER COOP																			
15184	1002	0.0	1.78	1.78	100.0	0	0	15216	15216	0.0	0.0	100.0	0	0	27007	27007	0.0	0.0	100.0
16835	1001	0.0	1.87	1.87	100.0	0	0	16853	16853	0.0	0.0	100.0	0	0	31460	31460	0.0	0.0	100.0
18780	1005	0.0	1.99	1.99	100.0	0	0	18879	18879	0.0	0.0	100.0	0	0	37453	37453	0.0	0.0	100.0
15838	1007	0.0	2.25	2.25	100.0	0	0	15953	15953	0.0	0.0	100.0	0	0	35649	35649	0.0	0.0	100.0
BROWNSVILLE PUB UTILS BD																			
5073	1000	1.87	0.0	1.87	0.0	0	0	5073	5073	0.0	0.0	100.0	0	0	9501	9501	0.0	0.0	100.0
4190	1000	2.04	0.0	2.04	0.0	0	64	4190	4254	0.0	1.5	98.5	0	169	8545	8714	0.0	1.9	98.1
4045	1006	2.14	2.23	2.16	21.0	0	0	4072	4072	0.0	0.0	100.0	0	0	8721	8721	0.0	0.0	100.0
3742	1000	2.31	2.36	2.31	5.7	0	0	3744	3744	0.0	0.0	100.0	0	0	8661	8661	0.0	0.0	100.0
BURBANK PUBLIC SERVICE DEPT																			
663	1061	1.27	0.0	1.27	0.0	0	3489	703	4192	0.0	83.2	16.8	0	7649	843	8492	0.0	90.1	9.9
1272	1066	1.91	0.0	1.91	0.0	0	6136	1357	7492	0.0	81.9	18.1	0	15656	2431	18086	0.0	86.6	13.4
1735	1082	2.18	0.0	2.18	0.0	0	3037	1878	4915	0.0	61.8	38.2	0	7812	3783	11595	0.0	67.4	32.6
2011	1076	2.59	0.0	2.59	0.0	0	5127	2164	7291	0.0	70.3	29.7	0	17863	5201	23064	0.0	77.4	22.6
BURLINGTON ELECTRIC DEPARTMENT																			
64	1000	1.76	0.0	1.76	0.0	0	0	64	64	0.0	0.0	100.0	0	0	112	112	0.0	0.0	100.0
440	1000	2.01	2.00	2.01	13.3	513	201	440	1153	44.5	17.4	38.1	706	563	883	2152	32.8	26.2	41.0
36	1000	2.22	0.0	2.22	0.0	0	0	36	36	0.0	0.0	100.0	0	0	80	80	0.0	0.0	100.0
534	1000	2.63	0.0	2.63	0.0	335	107	534	977	34.3	11.0	54.7	594	614	1403	2611	22.8	23.5	53.7
CAJUN ELEC PWR COOP																			
10608	1044	0.0	0.30	0.30	100.0	0	1214	11079	12292	0.0	9.9	90.1	0	3176	3235	6411	0.0	49.5	50.5
10767	1044	0.0	0.30	0.30	100.0	0	2044	11246	13290	0.0	15.4	84.6	0	5399	3284	8683	0.0	62.2	37.8
11283	1037	0.0	0.85	0.85	100.0	0	1230	11696	12926	0.0	9.5	90.5	0	4945	9578	14523	0.0	34.0	66.0
CAMBRIDGE ELEC LT CO (NEGA)																			
1268	1000	1.56	0.0	1.56	0.0	0	3076	1268	4344	0.0	70.8	29.2	0	6199	1982	8180	0.0	75.8	24.2
1982	1000	1.88	0.0	1.88	0.0	0	2240	1982	4222	0.0	53.0	47.0	0	5287	3718	9005	0.0	58.7	41.3
1500	1000	1.87	0.0	1.87	0.0	0	2325	1500	3825	0.0	60.8	39.2	0	5243	2811	8054	0.0	65.1	34.9
2878	1000	2.66	0.0	2.66	0.0	0	1863	2878	4741	0.0	39.3	60.7	0	5797	7647	13444	0.0	43.1	56.9
CARDINAL OPERATING CO (AEP)																			
0	0	0.0	0.0	0.0	0.0	56414	0	0	56414	100.0	0.0	0.0	51914	0	0	51914	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	72058	0	0	72058	100.0	0.0	0.0	71260	0	0	71260	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	81351	0	0	81351	100.0	0.0	0.0	93417	0	0	93417	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	99979	0	0	99979	100.0	0.0	0.0	120902	0	0	120902	100.0	0.0	0.0

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE IN $ PER TON			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE IN $ PER BBL			QUAN	% OF	BTU	AV.
YEAR	1000 TONS	% ON CONTR	BTU/ LB	SULF WT %	ASH WT %	SPOT	CONTR	TOTAL	1000 BBLS	% ON CONTR	BTU/ GAL	SULF WT %	SPOT	CONTR	TOTAL	1000 BBLS	TOTAL #2+#6	CONT/ GAL	PRICE $/BBL
CAROLINA POWER & LIGHT																			
1976	7064	81.4	12209	0.93	12.0	20.26	26.19	25.08	0	0.0	0	0.0	0.0	0.0	0.0	295	100.0	138556	14.27
1977	7751	59.5	11956	0.96	13.0	30.41	26.99	28.37	0	0.0	0	0.0	0.0	0.0	0.0	1442	100.0	139001	15.81
1978	6139*	67.6	12084	0.96	13.1	34.04	29.94	31.27	593	0.0	148000	2.10	11.87	0.0	11.87	1750	74.7	138000	16.33
1979	7317	94.1	12280	0.86	11.7	31.13	34.48	34.29	0	0.0	0	0.0	0.0	0.0	0.0	366	100.0	138000	23.25
CEDAR FALLS UTILITIES																			
1976	51	100.0	11996	1.83	8.2	0.0	28.89	28.89	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	64	100.0	11808	2.15	7.5	0.0	28.64	28.64	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	113	100.0	10773	0.85	9.1	0.0	31.94	31.94	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	79	100.0	11604	2.13	8.5	0.0	37.48	37.48	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
CENTRAL HUDSON GAS & ELEC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	11782	100.0	147703	1.81	0.0	10.46	10.46	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	12629	100.0	146813	1.62	0.0	12.80	12.80	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	13580	100.0	147919	1.72	0.0	12.02	12.02	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	12027	100.0	148195	1.73	0.0	16.31	16.31	0	0.0	0	0.0
CENTRAL ELEC PWR COOP-MISSOURI																			
1976	55	0.0	10699	3.89	13.7	21.84	0.0	21.84	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	81	0.0	10904	3.26	11.2	23.50	0.0	23.50	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	168	0.0	10715	3.19	14.3	27.73	0.0	27.73	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	74	0.0	10886	3.61	11.3	29.06	0.0	29.06	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
CENTRAL ILLINOIS PUBLIC SERVICE																			
1976	3873	76.5	10186	3.33	14.8	20.07	15.82	16.82	397	100.0	151094	0.47	0.0	11.75	11.75	88	18.2	137319	13.69
1977	3869	72.6	10214	3.19	14.5	22.29	18.20	19.32	364	100.0	151346	0.57	0.0	12.70	12.70	141	27.9	137001	15.92
1978	5077	38.7	10453	2.74	13.5	31.06	19.98	26.78	584	100.0	149360	0.55	0.0	13.74	13.74	149	20.3	136861	16.02
1979	5449	58.5	10480	3.16	13.0	29.46	22.89	25.61	349	100.0	150220	0.53	0.0	18.55	18.55	7	1.8	137274	26.98
CENTRAL ILLINOIS LIGHT																			
1976	2747	87.9	9748	1.78	10.0	24.65	18.44	19.19	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	2435	51.4	10552	1.28	9.4	35.98	20.17	27.84	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	2561	65.3	10151	1.63	9.8	35.67	24.51	28.38	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	2613	98.9	10535	1.80	9.3	50.93	34.70	34.88	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
CENTRAL LOUISIANA ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	561*	0.0	146617	0.41	12.61	0.0	12.61	12	2.1	132846	14.46
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	69	100.0	137540	14.86
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
CENTRAL MAINE POWER																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1588	0.0	148173	2.02	10.89	0.0	10.89	8	0.5	140000	14.98
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1258	28.5	148520	2.24	12.74	12.89	12.79	6*	0.5	131556	16.78
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1766	20.7	148050	1.50	12.58	13.77	12.83	40	2.2	140000	17.41
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2415	96.3	148694	1.39	15.46	18.01	17.91	19*	0.8	134406	26.84
CENTRAL OPERATING CO (AEP)																			
1976	2310	96.1	11518	0.95	13.8	21.17	23.48	23.39	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	1944	65.9	11224	0.93	15.2	27.59	26.93	27.15	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	1817	91.9	11272	0.92	15.2	34.11	30.24	30.55	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	2201	97.3	11387	0.96	15.4	30.66	35.79	35.65	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
CENTRAL POWER & LIGHT (CSW)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	74*	0.0	140291	0.15	8.41	0.0	8.41	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	167*	2.2	140000	0.22	9.68	9.82	9.68	12	6.8	140000	8.47
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2219*	19.1	148099	0.54	12.23	11.16	12.02	122	5.2	145888	14.70
1979	75	44.3	10890	0.44	10.2	38.22	39.42	38.75	34*	0.0	147900	0.70	14.29	0.0	14.29	25	42.5	147300	16.58
CENTRAL TELE AND UTIL CORP																			
1976	110	100.0	10154	0.70	16.9	0.0	14.41	14.41	576*	100.0	145197	0.71	0.0	11.75	11.75	90	13.6	136859	13.83
1977	124	100.0	10223	0.70	16.9	0.0	13.67	13.67	595*	100.0	146117	0.59	0.0	13.94	13.94	59	7.8	138010	15.23
1978	137	100.0	9958	0.57	19.0	0.0	13.56	13.56	619*	100.0	145034	0.75	0.0	13.39	13.39	118	16.0	140985	16.20
1979	182	100.0	9709	0.50	20.0	0.0	15.15	15.15	297*	100.0	145000	0.75	0.0	15.20	15.20	31	9.6	142000	24.13
CENTRAL VT PUB SERV CORP																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	140335	13.39
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	7	100.0	141496	24.98
CHUGACH ELECTRIC ASSOC																			
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0

NATURAL GAS						TOTAL QUANTITY DELIVERED							TOTAL DELIVERED FUEL COST						
AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	EIRM	TOTL	% FIRM/ TOTAL	IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
CAROLINA POWER & LIGHT																			
197	1028	1.04	0.0	1.04	0.0	172492	1714	203	174409	98.9	1.0	0.1	177205	4203	205	181612	97.6	2.3	0.1
0	0	0.0	0.0	0.0	0.0	185346	8418	0	193764	95.7	4.3	0.0	219916	22802	0	242718	90.6	9.4	0.0
4	1049	1.93	0.0	1.93	0.0	148360	13827	5	162192	91.5	8.5	0.0	191938	35615	8	227562	84.3	15.7	0.0
165	1075	2.46	0.0	2.46	0.0	179698	2121	177	181996	98.7	1.2	0.1	250874	8502	405	259780	96.6	3.3	0.2
CEDAR FALLS UTILITIES																			
739	1000	0.91	0.0	0.91	0.0	1225	0	739	1964	62.4	0.0	37.6	1475	0	674	2149	68.6	0.0	31.4
334	1000	1.36	1.21	1.21	99.6	1514	0	334	1848	81.9	0.0	18.1	1836	0	404	2241	81.9	0.0	18.1
43	1000	0.0	1.52	1.52	100.0	2432	0	43	2475	98.3	0.0	1.7	3605	0	65	3671	98.2	0.0	1.8
99	1000	0.0	1.84	1.84	100.0	1838	0	99	1937	94.9	0.0	5.1	2968	0	181	3150	94.2	0.0	5.8
CENTRAL HUDSON GAS & ELEC																			
0	0	0.0	0.0	0.0	0.0	0	73090	0	73090	0.0	100.0	0.0	0	123202	0	123202	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	77872	0	77872	0.0	100.0	0.0	0	161640	0	161640	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	84367	0	84367	0.0	100.0	0.0	0	163206	0	163206	0.0	100.0	0.0
2642	1012	2.04	0.0	2.04	0.0	0	74858	2674	77532	0.0	96.6	3.4	0	196124	5387	201512	0.0	97.3	2.7
CENTRAL ELEC PWR COOP-MISSOURI																			
0	0	0.0	0.0	0.0	0.0	1177	0	0	1177	100.0	0.0	0.0	1201	0	0	1201	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1766	0	0	1766	100.0	0.0	0.0	1903	0	0	1903	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	3600	0	0	3600	100.0	0.0	0.0	4658	0	0	4658	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1611	0	0	1611	100.0	0.0	0.0	2150	0	0	2150	100.0	0.0	0.0
CENTRAL ILLINOIS PUBLIC SERVICE																			
0	0	0.0	0.0	0.0	0.0	78900	3031	0	81931	96.3	3.7	0.0	65135	5878	0	71013	91.7	8.3	0.0
0	0	0.0	0.0	0.0	0.0	79034	3128	0	82163	96.2	3.8	0.0	74743	6874	0	81617	91.6	8.4	0.0
0	0	0.0	0.0	0.0	0.0	106140	4520	0	110660	95.9	4.1	0.0	135944	10412	0	146356	92.9	7.1	0.0
0	0	0.0	0.0	0.0	0.0	114210	2239	0	116449	98.1	1.9	0.0	139570	6648	0	146219	95.5	4.5	0.0
CENTRAL ILLINOIS LIGHT																			
1379	980	0.0	0.84	0.84	100.0	53552	0	1350	54902	97.5	0.0	2.5	52717	0	1163	53880	97.8	0.0	2.2
465	995	0.0	1.10	1.10	100.0	51378	0	463	51841	99.1	0.0	0.9	67789	0	510	68300	99.3	0.0	0.7
509	1000	0.0	1.25	1.25	100.0	51993	0	509	52503	99.0	0.0	1.0	72677	0	638	73315	99.1	0.0	0.9
468	1000	0.0	1.70	1.70	100.0	55046	0	468	55514	99.2	0.0	0.8	91132	0	798	91930	99.1	0.0	0.9
CENTRAL LOUISIANA ELECTRIC																			
40911	1063	1.35	1.43	1.35	7.7	0	0	43480	43480	0.0	0.0	100.0	0	0	55427	55427	0.0	0.0	100.0
49046	1070	1.68	1.70	1.68	5.7	0	3519	52476	55995	0.0	6.3	93.7	0	7241	82610	89850	0.0	8.1	91.9
55036	1063	2.08	1.86	2.07	3.8	0	399	58491	58890	0.0	0.7	99.3	0	1027	113864	114891	0.0	0.9	99.1
62819	1046	2.39	2.25	2.39	3.3	0	0	65711	65711	0.0	0.0	100.0	0	0	149973	149973	0.0	0.0	100.0
CENTRAL MAINE POWER																			
0	0	0.0	0.0	0.0	0.0	0	9930	0	9930	0.0	100.0	0.0	0	17412	0	17412	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	7881	0	7881	0.0	100.0	0.0	0	16186	0	16186	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	11216	0	11216	0.0	100.0	0.0	0	23352	0	23352	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	15189	0	15189	0.0	100.0	0.0	0	43767	0	43767	0.0	100.0	0.0
CENTRAL OPERATING CO (AEP)																			
0	0	0.0	0.0	0.0	0.0	53221	0	0	53221	100.0	0.0	0.0	54037	0	0	54037	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	43638	0	0	43638	100.0	0.0	0.0	52785	0	0	52785	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	40959	0	0	40959	100.0	0.0	0.0	55505	0	0	55505	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	50120	0	0	50120	100.0	0.0	0.0	78462	0	0	78462	100.0	0.0	0.0
CENTRAL POWER & LIGHT (CSW)																			
94829	1034	0.0	1.89	1.89	100.0	0	435	98057	98492	0.0	0.4	99.6	0	622	179155	179777	0.0	0.3	99.7
114262	1049	0.0	2.05	2.05	100.0	0	1054	119825	120878	0.0	0.9	99.1	0	1720	234243	235963	0.0	0.7	99.3
109003	1049	2.06	2.20	2.20	100.0	0	14551	114364	128915	0.0	11.3	88.7	0	28474	240141	268615	0.0	10.6	89.4
124829	1052	0.0	2.31	2.31	100.0	1629	366	131330	133325	1.2	0.3	98.5	2898	901	287906	291705	1.0	0.3	98.7
CENTRAL TELE AND UTIL CORP																			
19128	951	0.74	0.75	0.75	35.2	2244	4031	18186	24460	9.2	16.5	74.3	1593	8018	14258	23868	6.7	33.6	59.7
19165	942	0.97	1.10	1.01	31.8	2528	3944	18053	24525	10.3	16.1	73.6	1691	9061	19346	30097	5.6	30.1	64.3
17296	941	1.15	1.25	1.19	34.6	2735	4468	16273	23477	11.7	19.0	69.3	1863	10196	20526	32585	5.7	31.3	63.0
15859	939	1.40	1.58	1.46	33.6	3539	1998	14891	20428	17.3	9.8	72.9	2762	5277	23118	31156	8.9	16.9	74.2
CENTRAL VT PUB SERV CORP																			
0	0	0.0	0.0	0.0	0.0	0	18	0	18	0.0	100.0	0.0	0	42	0	42	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	44	0	44	0.0	100.0	0.0	0	186	0	186	0.0	100.0	0.0
CHUGACH ELECTRIC ASSOC																			
8112	1006	0.0	0.34	0.34	100.0	0	0	8159	8159	0.0	0.0	100.0	0	0	2726	2726	0.0	0.0	100.0
16735	1006	0.0	0.36	0.36	100.0	0	0	16833	16833	0.0	0.0	100.0	0	0	5998	5998	0.0	0.0	100.0
14152	1006	0.0	1.11	1.11	100.0	0	0	14235	14235	0.0	0.0	100.0	0	0	15696	15696	0.0	0.0	100.0

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. 1000	DELIV. % ON	AVERAGE CONTENT BTU/	SULF	ASH	AVERAGE PRICE IN $ PER TON			QUAN. 1000	DELIV. % ON	AV. CONTENT BTU/	SULF	AVERAGE PRICE IN $ PER BBL			QUAN 1000	% OF TOTAL	BTU CONT/	AV. PRICE
YEAR	TONS	CONTR	LB	WT %	WT %	SPOT	CONTR	TOTAL	BBLS	CONTR	GAL	WT %	SPOT	CONTR	TOTAL	BBLS	#2+#6	GAL	$/BBL
CITY OF AUSTIN ELECTRIC DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	2	100.0	137000	20.27
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0*	0.0	147500	1.00	16.24	0.0	16.24	28	99.8	137000	14.97
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
BRYAN MUNICIPAL ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4*	100.0	141000	0.20	0.0	12.43	12.43	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	22*	27.4	141000	0.23	13.44	11.87	13.01	7	24.8	141000	14.92
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	19*	14.6	141000	0.19	11.87	15.23	12.36	10	34.9	141000	14.84
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	38*	0.0	143612	0.38	17.97	0.0	17.97	2	5.8	138296	15.65
FARMINGTON ELECTRIC UTILITIES																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
CITY OF LAFAYETTE UTIL SYSTEM																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	2	100.0	137250	5.76
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	43	100.0	134516	7.70
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	6	100.0	135412	8.94
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
CITY OF INDEPENDENCE PWR & LT																			
1976	57	0.0	11672	2.58	12.9	24.15	0.0	24.15	0	0.0	0	0.0	0.0	0.0	0.0	79	100.0	138500	13.62
1977	157	0.0	11903	3.72	13.1	24.31	0.0	24.31	0	0.0	0	0.0	0.0	0.0	0.0	242	100.0	138263	15.71
1978	73	0.0	11771	3.95	15.1	27.16	0.0	27.16	0	0.0	0	0.0	0.0	0.0	0.0	254	100.0	136900	15.31
1979	168	0.0	12300	3.86	12.0	28.95	0.0	28.95	0	0.0	0	0.0	0.0	0.0	0.0	100	100.0	137266	22.75
CITY PUB SERV-SAN ANTONIO																			
1976	361	100.0	8150	0.37	6.6	0.0	18.42	18.42	724*	91.2	149029	0.50	12.22	11.59	11.65	0	0.0	0	0.0
1977	2289	100.0	8172	0.37	6.6	0.0	19.47	19.47	223*	100.0	149585	0.46	0.0	12.91	12.91	0	0.0	0	0.0
1978	2282	100.0	8361	0.37	6.3	0.0	20.54	20.54	794*	100.0	146127	0.54	0.0	11.00	11.00	0	0.0	0	0.0
1979	2016*	99.9	8367	0.38	6.6	22.51	26.29	26.29	282*	100.0	145484	0.54	0.0	12.14	12.14	0	0.0	0	0.0
CITY UTILITIES OF SPRINGFIELD																			
1976	440	92.6	12316	2.52	12.7	23.58	24.42	24.36	0	0.0	0	0.0	0.0	0.0	0.0	263*	100.0	100885	12.19
1977	527	78.8	11595	3.26	15.7	23.22	23.16	23.17	0	0.0	0	0.0	0.0	0.0	0.0	208*	100.0	121438	14.18
1978	585	100.0	11745	3.19	14.3	0.0	28.80	28.80	0	0.0	0	0.0	0.0	0.0	0.0	34*	100.0	124152	14.75
1979	433	99.8	11744	3.80	15.4	27.50	27.52	27.52	0	0.0	0	0.0	0.0	0.0	0.0	386*	100.0	137758	29.19
CLEVELAND, CITY OF																			
1976	111	94.4	11675	2.77	16.1	23.77	23.31	23.34	0	0.0	0	0.0	0.0	0.0	0.0	7	100.0	138000	14.14
1977	18	100.0	11551	2.64	15.4	0.0	22.60	22.60	0	0.0	0	0.0	0.0	0.0	0.0	31	100.0	138000	16.42
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	9	100.0	138000	17.40
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	5	100.0	140000	22.95
CLEVELAND ELECTRIC ILLUM CO																			
1976	8101	61.3	11706	3.37	13.0	22.23	25.12	24.00	154	100.0	151209	1.60	0.0	13.26	13.26	134	46.5	137969	13.79
1977	8027	55.6	11630	3.36	13.5	24.25	28.00	26.34	1605	0.0	150017	1.33	15.14	0.0	15.14	276	14.7	138223	15.63
1978	5524	67.6	11808	3.18	12.5	29.31	31.27	30.64	1844	0.0	150708	1.30	15.46	0.0	15.46	298	13.9	137359	16.61
1979	6550	88.5	12040	2.88	11.6	41.04	34.12	34.91	1416	0.0	151441	1.47	18.81	0.0	18.81	135	8.7	137595	23.72
COFFEYVILLE MUNI LT & WTR DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	11*	0.0	148000	0.70	9.61	0.0	9.61	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	18*	0.0	148000	0.70	12.27	0.0	12.27	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	16*	0.0	146730	0.70	9.79	0.0	9.79	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9	0.0	148000	0.70	15.55	0.0	15.55	0	0.0	0	0.0
COLORADO SPRINGS DEPT PUB UTILS																			
1976	685	88.5	10347	0.58	9.4	14.67	16.08	15.92	9	0.0	145705	0.54	9.85	0.0	9.85	1	8.1	140300	14.04
1977	891	93.5	10458	0.51	9.9	20.23	17.75	17.92	0	0.0	0	0.0	0.0	0.0	0.0	0	100.0	140300	16.33
1978	728	100.0	10505	0.51	8.6	0.0	20.88	20.88	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	140300	17.17
1979	1234	100.0	10507	0.47	7.9	0.0	22.66	22.66	13	0.0	146648	0.48	22.50	0.0	22.50	21	61.4	139297	26.96
COLORADO-UTE ELECTRIC ASSN																			
1976	1031	100.0	10707	0.50	10.7	0.0	6.71	6.71	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	1161	100.0	10870	0.50	10.4	0.0	6.92	6.92	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	1654	100.0	10770	0.48	10.4	0.0	8.90	8.90	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	1811	100.0	10716	0.51	10.4	0.0	10.28	10.28	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
COLUMBIA WATER & LIGHT																			
1976	65	100.0	11261	2.89	11.0	0.0	30.50	30.50	0	0.0	0	0.0	0.0	0.0	0.0	77	100.0	140000	13.31
1977	74	100.0	10394	3.80	14.5	0.0	29.00	29.00	0	0.0	0	0.0	0.0	0.0	0.0	31	100.0	140000	15.22
1978	75	100.0	10753	3.72	13.8	0.0	31.33	31.33	0	0.0	0	0.0	0.0	0.0	0.0	12	100.0	140000	15.07
1979	73	100.0	10898	4.03	12.0	0.0	26.86	26.86	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPI	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
CITY OF AUSTIN ELECTRIC DEPT																			
29454	1000	0.0	1.85	1.85	100.0	0	0	29458	29458	0.0	0.0	100.0	0	0	54562	54562	0.0	0.0	100.0
32288	1012	0.0	2.01	2.01	100.0	0	13	32664	32677	0.0	0.0	100.0	0	45	64945	64990	0.0	0.1	99.9
33876	1015	0.0	2.17	2.17	100.0	0	159	34399	34558	0.0	0.5	99.5	0	414	73421	73835	0.0	0.6	99.4
25884	1015	0.0	2.29	2.29	100.0	0	0	26263	26263	0.0	0.0	100.0	0	0	59365	59365	0.0	0.0	100.0
BRYAN MUNICIPAL ELECTRIC																			
6074	1017	1.23	1.81	1.27	8.5	0	21	6177	6198	0.0	0.3	99.7	0	44	7742	7786	0.0	0.6	99.4
6018	1011	1.56	2.45	1.65	9.5	0	169	6087	6256	0.0	2.7	97.3	0	386	9921	10306	0.0	3.7	96.3
6169	1022	1.92	2.31	1.92	0.5	0	168	6303	6471	0.0	2.6	97.4	0	376	11829	12204	0.0	3.1	96.9
5413	1021	2.07	2.45	2.07	0.1	0	241	5529	5769	0.0	4.2	95.8	0	713	11205	11918	0.0	6.0	94.0
FARMINGTON ELECTRIC UTILITIES																			
1233	1121	0.0	0.80	0.80	100.0	0	0	1382	1382	0.0	0.0	100.0	0	0	985	985	0.0	0.0	100.0
1233	1121	0.0	0.95	0.95	100.0	0	0	1382	1382	0.0	0.0	100.0	0	0	1174	1174	0.0	0.0	100.0
1468	1079	0.0	1.30	1.30	100.0	0	0	1585	1585	0.0	0.0	100.0	0	0	1905	1905	0.0	0.0	100.0
1536	1055	0.0	1.41	1.41	100.0	0	0	1620	1620	0.0	0.0	100.0	0	0	2169	2169	0.0	0.0	100.0
CITY OF LAFAYETTE UTIL SYSTEM																			
8206	1065	0.0	1.05	1.05	100.0	0	14	8739	8753	0.0	0.2	99.8	0	14	8622	8636	0.0	0.2	99.8
13787	1082	0.0	1.54	1.54	100.0	0	245	14912	15158	0.0	1.6	98.4	0	334	21274	21608	0.0	1.5	98.5
16884	1091	0.0	2.10	2.10	100.0	0	36	18415	18451	0.0	0.2	99.8	0	57	35505	35562	0.0	0.2	99.8
16245	1064	0.0	2.31	2.31	100.0	0	0	17280	17280	0.0	0.0	100.0	0	0	37481	37481	0.0	0.0	100.0
CITY OF INDEPENDENCE PWR & LT																			
4086	996	0.70	0.0	0.70	0.0	1335	462	4071	5867	22.7	7.9	69.4	1381	1081	2865	5326	25.9	20.3	53.8
4685	988	1.05	0.0	1.05	0.0	3745	1403	4627	9774	38.3	14.4	47.3	3824	3795	4908	12527	30.5	30.3	39.2
4749	980	1.06	0.0	1.06	0.0	1716	1462	4654	7833	21.9	18.7	59.4	1980	3894	5048	10922	18.1	35.7	46.2
3000	983	1.37	0.0	1.37	0.0	4135	576	2948	7659	54.0	7.5	38.5	4866	2273	4109	11247	43.3	20.2	36.5
CITY PUB SERV-SAN ANTONIO																			
47177	1031	0.0	1.89	1.89	100.0	5891	4529	48656	59076	10.0	7.7	82.4	6657	8427	89212	104295	6.4	8.1	85.5
54740	1037	0.0	2.00	2.00	100.0	37416	1403	56742	95561	39.2	1.5	59.4	44567	2884	109565	157015	28.4	1.8	69.8
33078	1032	0.0	2.15	2.15	100.0	38167	4872	34139	77178	49.5	6.3	44.2	46888	8733	71264	126885	37.0	6.9	56.2
24843	1049	0.0	2.30	2.30	100.0	33743	1724	26067	61535	54.8	2.8	42.4	53013	3426	57218	113657	46.6	3.0	50.3
CITY UTILITIES OF SPRINGFIELD																			
4433	1013	0.81	0.0	0.81	0.0	10836	1115	4489	16440	65.9	6.8	27.3	10715	3208	3607	17531	61.1	18.3	20.6
3327	1016	1.04	0.0	1.04	0.0	12229	1062	3380	16672	73.4	6.4	20.3	12221	2954	3467	18642	65.6	15.8	18.6
5192	1014	1.16	0.0	1.16	0.0	13749	180	5265	19194	71.6	0.9	27.4	16856	509	6013	23378	72.1	2.2	25.7
1722	1014	1.49	0.0	1.49	0.0	10177	2233	1745	14154	71.9	15.8	12.3	11922	11263	2564	25750	46.3	43.7	10.0
CLEVELAND, CITY OF																			
0	0	0.0	0.0	0.0	0.0	2585	41	0	2626	98.4	1.6	0.0	2584	101	0	2685	96.3	3.7	0.0
0	0	0.0	0.0	0.0	0.0	407	177	0	584	69.6	30.4	0.0	398	502	0	900	44.2	55.8	0.0
0	0	0.0	0.0	0.0	0.0	0	51	0	51	0.0	100.0	0.0	0	153	0	153	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	30	0	30	0.0	100.0	0.0	0	117	0	117	0.0	100.0	0.0
CLEVELAND ELECTRIC ILLUM CO																			
0	0	0.0	0.0	0.0	0.0	189661	1753	0	191414	99.1	0.9	0.0	194400	3887	0	198287	98.0	2.0	0.0
0	0	0.0	0.0	0.0	0.0	186718	11715	0	198432	94.1	5.9	0.0	211405	28617	0	240021	88.1	11.9	0.0
0	0	0.0	0.0	0.0	0.0	130461	13391	0	143852	90.7	9.3	0.0	169250	33462	0	202713	83.5	16.5	0.0
0	0	0.0	0.0	0.0	0.0	157724	9783	0	167507	94.2	5.8	0.0	228690	29828	0	258518	88.5	11.5	0.0
COFFEYVILLE MUNI LT & WTR DEPT																			
1870	1000	0.64	0.0	0.64	0.0	0	67	1870	1937	0.0	3.5	96.5	0	104	1199	1303	0.0	8.0	92.0
2880	1000	1.03	0.0	1.03	0.0	0	110	2880	2991	0.0	3.7	96.3	0	218	2975	3193	0.0	6.8	93.2
2121	1000	1.01	0.0	1.01	0.0	0	96	2121	2217	0.0	4.3	95.7	0	152	2147	2299	0.0	6.6	93.4
1563	1000	1.28	0.0	1.28	0.0	0	58	1563	1620	0.0	3.5	96.5	0	144	1999	2143	0.0	6.7	93.3
COLORADO SPRINGS DEPT PUB UTILS																			
2756	996	0.92	0.95	0.92	14.7	14181	60	2745	16986	83.5	0.4	16.2	10909	101	2541	13551	80.5	0.7	18.8
3823	985	1.20	1.18	1.20	17.8	18637	2	3766	22405	83.2	0.0	16.8	15963	7	4579	20548	77.7	0.0	22.3
2710	992	1.46	1.46	1.46	16.1	15285	5	2687	17977	85.0	0.0	14.9	15191	14	3945	19150	79.3	0.1	20.6
2288	987	1.95	1.95	1.95	18.4	25929	207	2258	28395	91.3	0.7	8.0	27960	876	4463	33299	84.0	2.6	13.4
COLORADO-UTE ELECTRIC ASSN																			
0	0	0.0	0.0	0.0	0.0	22075	0	0	22075	100.0	0.0	0.0	6917	0	0	6917	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	25242	0	0	25242	100.0	0.0	0.0	8030	0	0	8030	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	35635	0	0	35635	100.0	0.0	0.0	14726	0	0	14726	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	38814	0	0	38814	100.0	0.0	0.0	18623	0	0	18623	100.0	0.0	0.0
COLUMBIA WATER & LIGHT																			
20	1000	0.96	2.04	1.09	12.5	1467	454	20	1940	75.6	23.4	1.0	1986	1027	22	3035	65.4	33.8	0.7
0	0	0.0	0.0	0.0	0.0	1537	182	0	1720	89.4	10.6	0.0	2145	472	0	2616	82.0	18.0	0.0
35	1000	3.03	0.0	3.03	0.0	1609	70	35	1714	93.9	4.1	2.1	2344	179	107	2630	89.1	6.8	4.1
345	1000	1.98	0.0	1.98	0.0	1587	0	345	1932	82.1	0.0	17.9	1956	0	684	2640	74.1	0.0	25.9

YEAR	COAL QUAN. 1000 TONS	COAL DELIV. % ON CONTR	COAL AVERAGE CONTENT BTU/ LB	COAL AVERAGE CONTENT SULF WT %	COAL AVERAGE CONTENT ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	COAL AVERAGE PRICE IN $ PER TON CONTR	COAL AVERAGE PRICE IN $ PER TON TOTAL	RESIDUAL OIL #6 QUAN. 1000 BBLS	RESIDUAL OIL #6 DELIV. % ON CONTR	RESIDUAL OIL #6 AV. CONTENT BTU/ GAL	RESIDUAL OIL #6 AV. CONTENT SULF WT %	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL SPOT	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL CONTR	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	FUEL OIL # 2 % OF TOTAL #2+#6	FUEL OIL # 2 BTU CONT/ GAL	FUEL OIL # 2 AV. PRICE $/BBL
COLUMBUS & SOUTHERN OHIO ELEC																			
1976	3314	98.5	10865	4.22	15.7	16.40	19.03	18.99	0	0.0	0	0.0	0.0	0.0	0.0	379	100.0	136624	13.16
1977	4300	95.9	10941	3.96	15.1	16.78	19.31	19.21	0	0.0	0	0.0	0.0	0.0	0.0	311	100.0	136836	14.95
1978	4303	90.1	11021	4.09	14.6	24.32	23.58	23.65	0	0.0	0	0.0	0.0	0.0	0.0	522	100.0	136424	16.57
1979	4130	94.6	11064	4.31	14.0	18.96	24.16	23.88	0	0.0	0	0.0	0.0	0.0	0.0	158	100.0	135140	23.81
COLUMBUS DIV OF ELECTRICITY																			
1976	40	100.0	11659	2.22	10.4	0.0	19.29	19.29	0	0.0	0	0.0	0.0	0.0	0.0	13	100.0	138713	14.33
1977	18	100.0	10943	2.66	10.2	0.0	17.82	17.82	0	0.0	0	0.0	0.0	0.0	0.0	10	100.0	138713	16.05
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	17	100.0	138713	16.58
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	138713	21.65
COMMONWEALTH EDISON-INDIANA																			
1976	2051	100.0	9731	0.40	6.1	0.0	18.42	18.42	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	1843	100.0	9506	0.41	4.4	0.0	22.93	22.93	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	1264	100.0	9568	0.39	4.2	0.0	25.96	25.96	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	1423	100.0	9394	0.43	4.5	0.0	33.40	33.40	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
COMMONWEALTH EDISON																			
1976	16344	100.0	9838	1.95	8.9	0.0	16.63	16.63	3680	100.0	148795	0.89	0.0	12.88	12.88	3878*	51.3	137475	14.18
1977	14881	100.0	9878	1.74	8.0	0.0	20.27	20.27	6891	100.0	148019	0.74	0.0	15.68	15.68	3947*	36.4	137582	16.41
1978	14242	99.7	9791	1.55	8.0	22.82	24.67	24.67	9928	90.0	147144	0.67	15.86	16.15	16.12	4239*	29.9	137494	16.76
1979	15937	100.0	9633	1.08	6.8	0.0	32.14	32.14	11248	100.0	147649	0.66	0.0	24.09	24.09	1268*	10.1	137717	26.91
COMMUNITY PUB SERV-NEW MEXICO																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	120*	100.0	145000	1.00	0.0	13.28	13.28	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	209*	100.0	145000	1.00	0.0	15.22	15.22	6	2.8	140600	16.35
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	82*	100.0	145000	1.00	0.0	15.58	15.58	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	82*	100.0	145000	1.00	0.0	16.34	16.34	0	0.0	0	0.0
CONSOLIDATED EDISON CO OF NY																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	34243	96.1	144787	0.27	12.18	12.68	12.66	3348*	8.9	136185	13.82
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	30751	84.6	144993	0.27	13.93	14.33	14.27	1886*	5.8	135933	15.51
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	29227	86.0	145211	0.26	12.67	13.29	13.20	1031*	3.4	135632	15.50
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	18142	89.3	145801	0.27	16.43	21.10	20.60	725*	3.8	136341	24.48
CONSUMERS POWER																			
1976	5967	91.2	11614	2.65	11.8	24.38	23.12	23.23	6822*	83.3	139640	0.53	11.44	13.71	13.33	188*	2.7	138715	13.20
1977	5251	82.2	11602	2.45	11.6	26.85	25.21	25.50	6432*	86.2	140300	0.58	14.44	15.75	15.57	251*	3.8	139945	16.19
1978	5346	71.1	11560	2.46	11.9	30.54	29.06	29.49	11077*	94.2	143925	0.64	14.21	15.87	15.78	71*	0.6	137884	16.33
1979	6393	75.2	11727	2.11	11.2	32.31	32.82	32.69	7837	96.1	144802	0.65	16.84	19.22	19.12	7*	0.1	134000	30.24
COOPERATIVE POWER ASSOC																			
1979	1148	100.0	6429	0.63	8.3	0.0	9.57	9.57	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	139000	4.51
CORN BELT PWR COOP																			
1976	52	0.0	9955	5.32	19.3	22.56	0.0	22.56	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	55	0.5	12276	3.40	11.9	30.09	23.88	30.05	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	115	36.1	12232	3.26	13.8	35.52	34.05	34.99	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	199	45.1	11929	3.37	13.3	36.09	38.00	36.95	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
CRAWFORDSVILLE ELEC LT & PWR																			
1976	71	22.5	11071	2.48	10.6	19.92	20.51	20.05	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	47	21.3	10811	2.49	12.1	21.31	21.57	21.37	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	26	3.8	11193	2.34	11.6	23.98	26.93	24.09	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	3	0.0	11163	3.92	12.3	24.57	0.0	24.57	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
DAIRYLAND POWER COOPERATIVE																			
1976	1340	93.4	9894	2.44	11.3	20.10	20.17	20.17	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	1360*	95.4	9891	2.64	12.2	21.75	20.84	20.88	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	1831*	68.7	10274	2.85	12.9	27.69	23.44	24.77	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	1769*	98.2	10037	2.42	10.0	22.28	25.07	25.02	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
DALLAS PWR & LT (TEXAS UTILS)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1*	0.0	148143	0.11	12.31	0.0	12.31	43	97.2	137524	13.03
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	97*	100.0	146511	0.28	0.0	11.04	11.04	81	45.5	137571	13.54
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	48*	100.0	148142	0.11	0.0	10.69	10.69	57	54.4	137524	14.49
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	128*	100.0	148142	0.34	0.0	17.37	17.37	2	1.2	137524	32.18
DANVILLE WTR GAS & ELEC																			
1976	53	100.0	13500	0.90	8.0	0.0	28.53	28.53	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	65	100.0	13224	0.90	8.0	0.0	31.00	31.00	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	134000	17.30
1978	19	100.0	13200	0.96	8.0	0.0	35.71	35.71	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	134000	17.01
1979	18	100.0	13200	0.99	8.0	0.0	34.98	34.98	0	0.0	0	0.0	0.0	0.0	0.0	0	100.0	134000	17.01

NATURAL GAS						TOTAL QUANTITY DELIVERED							TOTAL DELIVERED FUEL COST						
AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
COLUMBUS & SOUTHERN OHIO ELEC																			
403	1030	1.59	0.0	1.59	0.0	72025	2177	415	74617	96.5	2.9	0.6	62945	4993	640	68578	91.8	7.3	0.9
221	1030	1.83	0.0	1.83	0.0	94092	1785	228	96104	97.9	1.9	0.2	82598	4644	405	87647	94.2	5.3	0.5
43	1030	2.29	0.0	2.29	0.0	94835	2991	44	97870	96.9	3.1	0.0	101774	8649	98	110521	92.1	7.8	0.1
373	1031	2.47	0.0	2.47	0.0	91384	897	385	92665	98.6	1.0	0.4	98614	3763	923	103300	95.5	3.6	0.9
COLUMBUS DIV OF ELECTRICITY																			
156	1020	1.63	0.0	1.63	0.0	933	75	159	1167	79.9	6.5	13.6	772	185	254	1211	63.7	15.3	21.0
130	1020	1.79	0.0	1.79	0.0	384	57	132	573	66.9	10.0	23.1	312	158	233	703	44.5	22.4	33.1
1	1020	2.25	0.0	2.25	0.0	0	98	1	98	0.0	99.1	0.9	0	278	2	280	0.0	99.3	0.7
0	0	0.0	0.0	0.0	0.0	0	4	0	4	0.0	100.0	0.0	0	15	0	15	0.0	100.0	0.0
COMMONWEALTH EDISON-INDIANA																			
71	1023	0.0	1.55	1.55	100.0	39916	0	73	39988	99.8	0.0	0.2	37780	0	110	37891	99.7	0.0	0.3
131	1023	0.0	1.57	1.57	100.0	35039	0	134	35173	99.6	0.0	0.4	42255	0	206	42461	99.5	0.0	0.5
136	1021	0.0	1.67	1.67	100.0	24187	0	139	24326	99.4	0.0	0.6	32814	0	227	33041	99.3	0.0	0.7
179	1023	0.0	2.26	2.26	100.0	26735	0	183	26918	99.3	0.0	0.7	47529	0	405	47934	99.2	0.0	0.8
COMMONWEALTH EDISON																			
15420	1031	0.0	1.53	1.53	100.0	321572	45387	15902	382861	84.0	11.9	4.2	271867	102394	23570	397832	68.3	25.7	5.9
4332	1030	0.0	2.13	2.13	100.0	293997	65650	4463	364111	80.7	18.0	1.2	301596	172824	9219	483640	62.4	35.7	1.9
13774	1028	0.0	3.12	3.12	100.0	278893	85837	14161	378891	73.6	22.7	3.7	351338	231087	42967	625391	56.2	37.0	6.9
21812	1019	0.0	2.86	2.86	100.0	307037	77089	22233	406359	75.6	19.0	5.5	512149	305127	62428	879704	58.2	34.7	7.1
COMMUNITY PUB SERV-NEW MEXICO																			
1032	1070	0.0	0.90	0.90	100.0	0	731	1104	1835	0.0	39.8	60.2	0	1594	931	2525	0.0	63.1	36.9
929	1064	0.0	1.22	1.22	100.0	0	1308	989	2297	0.0	57.0	43.0	0	3280	1135	4415	0.0	74.3	25.7
842	1062	0.0	1.48	1.48	100.0	0	499	095	1394	0.0	35.8	64.2	0	1278	1249	2527	0.0	50.6	49.4
788	1057	0.0	2.05	2.05	100.0	0	499	833	1332	0.0	37.5	62.5	0	1340	1612	2952	0.0	45.4	54.6
CONSOLIDATED EDISON CO OF NY																			
2064	1024	1.06	0.0	1.06	0.0	0	227382	2113	229495	0.0	99.1	0.9	0	479858	2196	482054	0.0	99.5	0.5
985	1027	1.31	0.0	1.31	0.0	0	198033	1012	199045	0.0	99.5	0.5	0	468015	1291	469306	0.0	99.7	0.3
948	1029	1.52	0.0	1.52	0.0	0	184126	975	185101	0.0	99.5	0.5	0	401838	1444	403282	0.0	99.6	0.4
47868	1031	2.31	0.0	2.31	0.0	0	115244	49363	164607	0.0	70.0	30.0	0	391431	110673	502103	0.0	78.0	22.0
CONSUMERS POWER																			
10764	999	1.25	1.71	1.54	63.1	138617	41104	10748	190468	72.8	21.6	5.6	138644	93430	16594	248667	55.8	37.6	6.7
6062	1000	1.65	2.06	1.91	62.6	121855	39379	6062	167296	72.8	23.5	3.6	133923	104217	11564	249703	53.6	41.7	4.6
8647	1000	1.81	2.16	2.09	77.5	123597	67369	8647	199612	61.9	33.7	4.3	157651	175915	18035	351600	44.8	50.0	5.1
4082	1000	2.27	2.44	2.40	76.0	149930	47704	4082	201716	74.3	23.6	2.0	208983	150093	9793	368868	56.7	40.7	2.7
COOPERATIVE POWER ASSOC																			
0	0	0.0	0.0	0.0	0.0	14757	5	0	14762	100.0	0.0	0.0	10988	4	0	10991	100.0	0.0	0.0
CORN BELT PWR COOP																			
224	1000	0.93	0.0	0.93	0.0	1037	0	224	1261	82.2	0.0	17.8	1175	0	208	1383	85.0	0.0	15.0
11	1000	1.32	0.0	1.32	0.0	1346	0	11	1357	99.2	0.0	0.8	1648	0	14	1662	99.2	0.0	0.8
0	0	0.0	0.0	0.0	0.0	2805	0	0	2805	100.0	0.0	0.0	4012	0	0	4012	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	4753	0	0	4753	100.0	0.0	0.0	7361	0	0	7361	100.0	0.0	0.0
CRAWFORDSVILLE ELEC LT & PWR																			
0	0	0.0	0.0	0.0	0.0	1572	0	0	1572	100.0	0.0	0.0	1424	0	0	1424	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1016	0	0	1016	100.0	0.0	0.0	1004	0	0	1004	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	582	0	0	582	100.0	0.0	0.0	626	0	0	626	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	67	0	0	67	100.0	0.0	0.0	74	0	0	74	100.0	0.0	0.0
DAIRYLAND POWER COOPERATIVE																			
0	0	0.0	0.0	0.0	0.0	26514	0	0	26514	100.0	0.0	0.0	27021	0	0	27021	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	26905	0	0	26905	100.0	0.0	0.0	28402	0	0	28402	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	37620	0	0	37620	100.0	0.0	0.0	45341	0	0	45341	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	35502	0	0	35502	100.0	0.0	0.0	44249	0	0	44249	100.0	0.0	0.0
DALLAS PWR & LT (TEXAS UTILS)																			
79183	1018	0.0	1.44	1.44	100.0	0	254	80571	80825	0.0	0.3	99.7	0	571	114272	114843	0.0	0.5	99.5
85059	1041	0.0	1.75	1.75	100.0	0	1069	88569	89638	0.0	1.2	98.8	0	2177	148702	150878	0.0	1.4	98.6
72074	1028	0.0	1.92	1.92	100.0	0	627	74059	74687	0.0	0.8	99.2	0	1338	138201	139539	0.0	1.0	99.0
61348	1037	0.0	2.11	2.11	100.0	0	802	63620	64422	0.0	1.2	98.8	0	2265	129731	131996	0.0	1.7	98.3
DANVILLE WTR GAS & ELEC																			
78	1040	1.04	0.0	1.04	0.0	1420	0	81	1501	94.6	0.0	5.4	1501	0	81	1581	94.9	0.0	5.1
62	1040	1.57	0.0	1.57	0.0	1725	19	64	1809	95.4	1.1	3.6	2022	59	97	2178	92.8	2.7	4.5
234	1040	2.27	0.0	2.27	0.0	498	18	243	760	65.6	2.4	32.0	674	55	530	1259	53.5	4.4	42.1
522	1040	2.24	0.0	2.24	0.0	475	1	543	1019	46.6	0.1	53.3	629	5	1171	1805	34.9	0.3	64.9

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE IN $ PER TON			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE IN $ PER BBL			QUAN	% OF	BTU	AV.
YEAR	1000 TONS	% ON CONTR	BTU/ LB	SULF WT %	ASH WT %	SPOT	CONTR	TOTAL	1000 BBLS	% ON CONTR	BTU/ GAL	SULF WT %	SPOT	CONTR	TOTAL	1000 BBLS	TOTAL #2+#6	CONT/ GAL	PRICE $/BBL
DEEPWATER OPERATING CO (ACE)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1501	100.0	145473	0.81	0.0	11.84	11.84	6*	0.4	134495	15.06
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1760	100.0	147188	1.39	0.0	13.19	13.19	24*	1.4	135824	15.72
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1824	94.3	148177	1.40	12.03	12.37	12.35	6*	0.4	135566	16.60
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1210	100.0	148092	1.22	0.0	18.42	18.42	3*	0.2	136036	21.22
DELMARVA POWER & LIGHT-MD																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1669	0.0	147622	1.88	10.69	0.0	10.69	43	2.5	137352	13.55
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1242	11.0	148581	1.77	13.00	12.78	12.98	34	2.7	137607	14.94
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1167	100.0	149179	1.79	0.0	12.04	12.04	26	2.2	138538	15.82
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1383	100.0	149112	1.88	0.0	17.94	17.94	37	2.6	137855	23.51
DELMARVA POWER & LIGHT-VA																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	19	100.0	141000	13.89
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	39	100.0	140025	16.09
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	29	100.0	137706	16.98
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	4	100.0	137378	30.89
DELMARVA POWER & LIGHT																			
1976	772*	40.7	12482	2.06	12.6	25.06	26.37	25.59	5888*	12.2	145282	0.86	11.76	11.94	11.78	159	2.6	139025	13.85
1977	713*	45.4	12115	2.00	13.3	27.22	25.92	26.63	5991	61.6	146178	0.87	13.84	13.30	13.51	386	6.0	138706	14.42
1978	814*	31.3	12368	1.78	11.7	31.74	33.88	32.41	6688	89.0	147590	0.90	12.06	12.79	12.71	683	9.3	138576	14.28
1979	1046*	46.1	12432	1.83	11.9	34.26	36.14	35.13	6047	97.3	147607	0.90	21.42	20.48	20.51	153	2.5	138656	23.06
DENTON, CITY OF																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	341	100.0	139680	13.84
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	134	100.0	139680	15.90
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	31	100.0	139680	8.65
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	274	100.0	139852	38.52
DETROIT PUBLIC LIGHTING COMM																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	517	100.0	146058	0.93	0.0	11.88	11.88	416	44.6	139136	13.88
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1112	100.0	148462	0.97	0.0	15.16	15.16	148	11.7	138166	16.54
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	997	100.0	150361	1.00	0.0	14.39	14.39	65	6.1	140540	17.71
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	856	100.0	148283	0.92	0.0	19.01	19.01	31	3.5	139256	34.81
DOVER, CITY OF																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	824	100.0	148275	1.61	0.0	11.25	11.25	3	0.3	139196	14.43
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	922	100.0	147786	1.68	0.0	13.42	13.42	6	0.7	136175	17.24
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	882	100.0	147634	1.79	0.0	12.90	12.90	5	0.6	137926	17.85
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	684	100.0	149898	2.08	0.0	18.22	18.22	2	0.3	137626	22.01
DUKE POWER																			
1976	13207	92.9	11949	1.09	13.8	21.49	27.65	27.21	0	0.0	0	0.0	0.0	0.0	0.0	134	100.0	138651	13.98
1977	15377	64.8	11920	1.11	13.1	31.04	29.84	30.26	0	0.0	0	0.0	0.0	0.0	0.0	1026	100.0	138179	15.93
1978	13864	66.7	11998	1.15	12.9	33.39	34.56	34.17	0	0.0	0	0.0	0.0	0.0	0.0	1157	100.0	138124	16.34
1979	14794	87.6	12130	1.00	12.1	31.23	36.57	35.90	0	0.0	0	0.0	0.0	0.0	0.0	211	100.0	137962	23.11
DUQUESNE LIGHT																			
1976	3499	53.4	11730	2.11	16.1	20.07	21.40	20.78	0	0.0	0	0.0	0.0	0.0	0.0	763	100.0	137024	13.63
1977	3339	39.2	11845	1.94	15.3	20.62	22.72	21.44	0	0.0	0	0.0	0.0	0.0	0.0	945	100.0	137410	16.57
1978	3172	39.4	11732	2.04	16.2	21.74	26.67	23.68	0	0.0	0	0.0	0.0	0.0	0.0	1315	100.0	137119	16.26
1979	3820	44.6	11873	1.99	15.3	24.69	27.19	25.80	0	0.0	0	0.0	0.0	0.0	0.0	446	100.0	137686	24.15
EAST KENTUCKY RURAL ELEC COOP																			
1976	1297	56.2	12158	1.78	10.7	19.89	21.59	20.85	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	1509	15.4	11802	1.68	12.2	25.61	22.30	25.10	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	1813	60.7	11929	1.32	11.3	29.56	31.44	30.70	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	1649	65.9	11934	1.28	10.8	24.66	31.24	29.00	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
EASTERN IOWA LT & PWR																			
1976	80	100.0	10312	2.46	7.8	0.0	19.88	19.88	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	157	100.0	10732	2.70	8.4	0.0	21.80	21.80	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	196	69.4	10773	2.74	8.5	30.13	27.17	28.07	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	111	0.0	10654	2.74	8.6	27.04	0.0	27.04	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
EASTON UTIL COMM																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	62	100.0	138105	13.55
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	81	100.0	137502	15.37
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	98	100.0	137311	15.93
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	52	100.0	137730	22.56
EL PASO ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	674*	97.8	139877	0.36	8.29	16.20	16.03	48	6.7	140030	16.59
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	464*	100.0	140084	0.38	0.0	15.48	15.48	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	321*	72.0	144693	0.79	9.20	16.03	14.11	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	458*	87.1	143425	0.60	15.85	21.18	20.49	17	3.5	139756	23.93

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
DEEPWATER OPERATING CO (ACE)																			
0	0	0.0	0.0	0.0	0.0	0	9201	0	9201	0.0	100.0	0.0	0	17856	0	17856	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	11019	0	11019	0.0	100.0	0.0	0	23601	0	23601	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	11386	0	11386	0.0	100.0	0.0	0	22625	0	22625	0.0	100.0	0.0
2460	1030	3.10	0.0	3.10	0.0	0	7545	2534	10079	0.0	74.9	25.1	0	22355	7636	29991	0.0	74.5	25.5
DELMARVA POWER & LIGHT-MD																			
0	0	0.0	0.0	0.0	0.0	0	10596	0	10596	0.0	100.0	0.0	0	18417	0	18417	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	7947	0	7947	0.0	100.0	0.0	0	16629	0	16629	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	7463	0	7463	0.0	100.0	0.0	0	14458	0	14458	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	8877	0	8877	0.0	100.0	0.0	0	25691	0	25691	0.0	100.0	0.0
DELMARVA POWER & LIGHT-VA																			
0	0	0.0	0.0	0.0	0.0	0	113	0	113	0.0	100.0	0.0	0	264	0	264	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	229	0	229	0.0	100.0	0.0	0	627	0	627	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	168	0	168	0.0	100.0	0.0	0	492	0	492	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	24	0	24	0.0	100.0	0.0	0	128	0	128	0.0	100.0	0.0
DELMARVA POWER & LIGHT																			
597*	1092	1.62	0.44	1.07	46.4	19273	36856	652	56781	33.9	64.9	1.1	19755	71567	639	91961	21.5	77.8	0.7
220*	1179	1.96	0.0	1.96	0.0	17276	39029	259	56564	30.5	69.0	0.5	18986	86485	430	105901	17.9	81.7	0.4
414*	1087	1.72	1.84	1.81	75.4	20135	45433	450	66018	30.5	68.8	0.7	26386	94752	751	121889	21.6	77.7	0.6
2968*	1047	2.88	0.0	2.88	0.0	26011	38379	3108	67498	38.5	56.9	4.6	36751	127523	8552	172826	21.3	73.8	4.9
DENTON, CITY OF																			
5758	1055	1.43	0.0	1.43	0.0	0	2002	6074	8076	0.0	24.8	75.2	0	4724	8210	12934	0.0	36.5	63.5
4420	1069	1.70	0.0	1.70	0.0	0	784	4723	5507	0.0	14.2	85.8	0	2126	7522	9648	0.0	22.0	78.0
3690	1066	2.32	0.0	2.32	0.0	0	183	3933	4116	0.0	4.4	95.6	0	270	8575	8845	0.0	3.1	96.9
3134	1068	2.19	0.0	2.19	0.0	0	1607	3348	4954	0.0	32.4	67.6	0	10539	6874	17413	0.0	60.5	39.5
DETROIT PUBLIC LIGHTING COMM																			
0	0	0.0	0.0	0.0	0.0	0	5602	0	5602	0.0	100.0	0.0	0	11913	0	11913	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	7789	0	7789	0.0	100.0	0.0	0	19295	0	19295	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	6681	0	6681	0.0	100.0	0.0	0	15505	0	15505	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	5510	0	5510	0.0	100.0	0.0	0	17342	0	17342	0.0	100.0	0.0
DOVER, CITY OF																			
161	1027	1.72	0.0	1.72	0.0	0	5149	165	5314	0.0	96.9	3.1	0	9310	277	9586	0.0	97.1	2.9
227	1030	2.11	0.0	2.11	0.0	0	5759	233	5993	0.0	96.1	3.9	0	12486	478	12964	0.0	96.3	3.7
172	1029	2.28	0.0	2.28	0.0	0	5497	177	5674	0.0	96.9	3.1	0	11465	392	11857	0.0	96.7	3.3
1158	1032	3.02	2.76	2.94	31.3	0	4321	1195	5516	0.0	78.3	21.7	0	12515	3400	15914	0.0	78.6	21.4
DUKE POWER																			
1	1033	3.49	4.86	3.49	0.1	315602	780	1	316384	99.8	0.2	0.0	359362	1873	5	361235	99.5	0.5	0.0
0	1033	4.26	6.15	4.29	1.6	366577	5952	0	372529	98.4	1.6	0.0	465364	16342	0	481706	96.6	3.4	0.0
1057	1048	1.82	0.0	1.82	0.0	332679	6713	1108	340500	97.7	2.0	0.3	473773	18904	1924	494601	95.8	3.8	0.4
149	1030	3.45	0.0	3.45	0.0	358909	1221	153	360284	99.6	0.3	0.0	531175	4870	513	536558	99.0	0.9	0.1
DUQUESNE LIGHT																			
0	0	0.0	0.0	0.0	0.0	82081	4393	0	86474	94.9	5.1	0.0	72700	10404	0	83104	87.5	12.5	0.0
0	0	0.0	0.0	0.0	0.0	79099	5451	0	84550	93.6	6.4	0.0	71591	15655	0	87246	82.1	17.9	0.0
0	0	0.0	0.0	0.0	0.0	74423	7572	0	81994	90.8	9.2	0.0	75117	21375	0	96492	77.8	22.2	0.0
0	0	0.0	0.0	0.0	0.0	90713	2582	0	93295	97.2	2.8	0.0	98579	10784	0	109363	90.1	9.9	0.0
EAST KENTUCKY RURAL ELEC COOP																			
0	0	0.0	0.0	0.0	0.0	31526	0	0	31526	100.0	0.0	0.0	27029	0	0	27029	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	35619	0	0	35619	100.0	0.0	0.0	37873	0	0	37873	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	43255	0	0	43255	100.0	0.0	0.0	55661	0	0	55661	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	39354	0	0	39354	100.0	0.0	0.0	47814	0	0	47814	100.0	0.0	0.0
EASTERN IOWA LT & PWR																			
1127	1035	0.91	0.0	0.91	0.0	1642	0	1167	2809	58.5	0.0	41.5	1583	0	1029	2611	60.6	0.0	39.4
326	1026	1.22	0.0	1.22	0.0	3380	0	334	3715	91.0	0.0	9.0	3433	0	399	3832	89.6	0.0	10.4
277	1026	1.53	0.0	1.53	0.0	4212	0	284	4496	93.7	0.0	6.3	5488	0	424	5913	92.8	0.0	7.2
7	1027	2.03	0.0	2.03	0.0	2355	0	8	2363	99.7	0.0	0.3	2989	0	15	3004	99.5	0.0	0.5
EASTON UTIL COMM																			
56	936	1.69	1.41	1.62	25.0	0	360	52	412	0.0	87.3	12.7	0	840	91	931	0.0	90.2	9.8
14	936	2.04	0.0	2.04	0.0	0	468	13	481	0.0	97.2	2.8	0	1245	29	1274	0.0	97.7	2.3
35	1029	2.26	0.0	2.26	0.0	0	563	36	599	0.0	94.1	5.9	0	1557	78	1635	0.0	95.2	4.8
356	1032	2.71	2.29	2.61	25.4	0	299	367	666	0.0	44.9	55.1	0	1166	927	2093	0.0	55.7	44.3
EL PASO ELECTRIC																			
27239	1028	0.88	1.77	1.56	76.8	0	4245	28005	32250	0.0	13.2	86.8	0	11608	42560	54168	0.0	21.4	78.6
25451	1027	1.18	2.08	1.87	75.9	0	2728	26128	28856	0.0	9.5	90.5	0	7176	47469	54645	0.0	13.1	86.9
32342	1033	1.44	2.26	1.97	65.0	0	1949	33401	35350	0.0	5.5	94.5	0	4527	63732	68259	0.0	6.6	93.4
24512	1026	1.94	2.25	2.17	75.7	0	2857	25138	27996	0.0	10.2	89.8	0	9786	53264	63050	0.0	15.5	84.5

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE			QUAN	% OF	BTU	AV.
	1000	% ON	BTU/	SULF	ASH	IN $ PER TON			1000	% ON	BTU/	SULF	IN $ PER BBL			1000	TOTAL	CONT/	PRICE
YEAR	TONS	CONTR	LB	WT %	WT %	SPOT	CONTR	TOTAL	BBLS	CONTR	GAL	WT %	SPOT	CONTR	TOTAL	BBLS	#2+#6	GAL	$/BBL
ELECTRIC ENERGY																			
1976	3145	77.0	11520	2.48	10.1	19.94	22.78	22.13	0	0.0	0	0.0	0.0	0.0	0.0	17	100.0	138572	13.81
1977	2977*	59.9	11459	2.46	11.0	24.52	24.14	24.30	0	0.0	0	0.0	0.0	0.0	0.0	14	100.0	136716	15.15
1978	2570*	58.8	11498	2.16	11.0	32.09	28.03	29.70	0	0.0	0	0.0	0.0	0.0	0.0	21	100.0	135609	15.57
1979	3084	56.1	11577	2.08	10.0	33.16	29.61	31.17	0	0.0	0	0.0	0.0	0.0	0.0	20	100.0	138280	28.51
EMPIRE DIST ELECTRIC																			
1976	867*	64.4	10686	4.56	21.6	20.08	8.35	12.53	16	0.0	152211	2.03	8.63	0.0	8.63	0	0.0	0	0.0
1977	816*	61.9	10958	4.50	20.4	21.16	9.76	14.10	51	0.0	149192	0.63	11.48	0.0	11.48	15*	23.0	139998	15.43
1978	829*	48.7	11080	4.20	18.9	25.30	13.00	19.31	28	0.0	150929	1.59	9.86	0.0	9.86	135	83.1	141000	14.80
1979	863*	76.8	11915	4.06	19.2	26.48	18.93	20.69	48	0.0	150000	1.30	15.09	0.0	15.09	0	0.0	0	0.0
FITCHBURG GAS & ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	5	56.5	145184	0.69	11.99	13.79	13.01	10	67.6	138041	14.02
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2	100.0	146712	0.47	0.0	13.87	13.87	8	81.1	135472	15.59
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	13	100.0	138602	16.62
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	4	100.0	137569	29.49
FLORIDA POWER CORP																			
1976	205	100.0	11262	2.15	9.6	0.0	31.48	31.48	19104	97.3	149367	2.31	10.09	10.25	10.24	2028	9.6	138178	13.93
1977	950*	100.0	11261	2.58	10.3	0.0	32.66	32.66	14375	95.1	149279	2.19	12.09	12.45	12.44	1724	10.7	138171	15.20
1978	1256	100.0	11855	1.96	9.1	0.0	41.09	41.09	13690	100.0	148186	1.64	12.87	12.00	12.00	2170	13.7	138422	15.67
1979	1559	100.0	11892	1.66	9.5	0.0	46.86	46.86	12710	99.9	148929	1.76	13.30	17.33	17.32	1477	10.4	137624	22.95
FLORIDA POWER AND LIGHT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	33930	100.0	146886	0.97	0.0	12.00	12.00	1831	5.1	137665	13.42
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	30614	100.0	147132	1.32	0.0	13.72	13.72	1718	5.3	138470	14.79
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	36339	87.1	147258	1.18	11.54	12.54	12.41	1941	5.1	139231	15.28
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	37995	80.2	148668	1.41	18.77	18.33	18.41	1208	3.1	137533	36.95
FORT PIERCE, CITY OF																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	501	100.0	146173	2.04	0.0	11.31	11.31	9	1.8	137600	13.43
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	473	100.0	145791	1.15	0.0	14.62	14.62	1	0.3	137600	15.81
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	165	100.0	147655	1.83	0.0	11.74	11.74	1	0.3	137000	15.89
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	67	100.0	147482	2.24	0.0	15.83	15.83	1	0.7	136617	32.98
FRANKFORT LT & PWR DEPT																			
1976	45	100.0	11316	3.24	9.9	0.0	21.84	21.84	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	24	100.0	11360	3.35	9.4	0.0	23.98	23.98	0	0.0	0	0.0	0.0	0.0	0.0	2*	100.0	138800	15.98
FREMONT DEPT OF PUB UTILS																			
1976	197	77.8	10888	0.54	6.5	23.37	23.59	23.54	0	0.0	0	0.0	0.0	0.0	0.0	36*	100.0	92000	11.16
1977	229	7.2	11069	0.38	6.7	24.49	24.70	24.51	0	0.0	0	0.0	0.0	0.0	0.0	18*	100.0	92000	13.58
1978	200	0.0	10937	0.40	7.6	25.94	0.0	25.94	0	0.0	0	0.0	0.0	0.0	0.0	18*	100.0	92000	12.13
1979	249	0.0	10816	0.40	7.9	29.95	0.0	29.95	0	0.0	0	0.0	0.0	0.0	0.0	6*	100.0	92000	9.91
GAINESVILLE-ALACHUA COUNTY UTILS																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1139	100.0	151788	2.24	0.0	11.07	11.07	28	2.4	138989	13.68
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	713	100.0	151659	2.31	0.0	13.01	13.01	19	2.6	137693	15.75
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	598	100.0	150506	2.19	0.0	11.93	11.93	5	0.9	137300	15.97
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	313	100.0	151132	2.19	0.0	13.24	13.24	1	0.3	137682	32.84
GARLAND MUNICIPAL POWER & LIGHT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4*	100.0	143701	0.20	0.0	11.22	11.22	11	73.4	138693	12.14
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9*	100.0	145790	0.48	0.0	12.81	12.81	17	65.9	138693	14.56
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	160*	0.0	145292	0.54	15.83	0.0	15.83	0	0.0	0	0.0
GEORGIA POWER (SOUTHERN CO)																			
1976	14603	88.2	11883	1.72	11.2	24.98	22.95	23.19	1164	100.0	148134	0.98	0.0	12.31	12.31	4642	79.9	135998	14.16
1977	18093	61.8	11855	1.70	11.4	29.02	24.17	26.02	950	100.0	150575	1.00	0.0	13.98	13.98	4155	81.4	135997	15.89
1978	16860	74.5	11872	1.75	11.3	34.52	27.94	29.62	808	100.0	150687	1.00	0.0	14.08	14.08	2219	73.3	135999	16.24
1979	18884	84.0	11872	1.80	10.7	34.62	32.32	32.68	300	100.0	147028	2.80	0.0	15.65	15.65	498	62.4	135052	21.85
GLENDALE PUBLIC SERVICE DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	488	100.0	146376	0.46	0.0	14.58	14.58	24	4.7	134173	13.63
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	693	100.0	146892	0.46	0.0	15.34	15.34	343	33.1	139398	15.88
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	82	12.2	144899	0.26	14.49	15.58	14.62	308	79.0	139535	15.40
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	388	68.3	146802	0.29	16.80	21.58	20.06	224	36.6	142192	27.61
GRAND ISLAND UTILITIES																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	214	100.0	150000	1.09	0.0	10.19	10.19	4	1.7	141000	13.48
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	147	97.2	150966	1.50	12.73	12.23	12.25	1	1.0	141000	15.54
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	156	100.0	154000	1.48	0.0	11.63	11.63	1	0.5	141000	16.26
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	142	100.0	153811	1.99	0.0	14.41	14.41	0	0.1	141000	37.76

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPI	EIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
ELECTRIC ENERGY																			
0	0	0.0	0.0	0.0	0.0	72462	99	0	72561	99.9	0.1	0.0	69598	235	0	69833	99.7	0.3	0.0
0	0	0.0	0.0	0.0	0.0	68229	80	0	68309	99.9	0.1	0.0	72328	212	0	72540	99.7	0.3	0.0
0	0	0.0	0.0	0.0	0.0	59089	118	0	59206	99.8	0.2	0.0	76311	322	0	76633	99.6	0.4	0.0
0	0	0.0	0.0	0.0	0.0	71406	116	0	71521	99.8	0.2	0.0	96116	569	0	96685	99.4	0.6	0.0
EMPIRE DIST ELECTRIC																			
2328	1034	0.80	0.0	0.80	0.0	18535	100	2408	21043	88.1	0.5	11.4	10867	135	1868	12870	84.4	1.0	14.5
1984	1027	1.03	0.0	1.03	0.0	17874	413	2038	20326	87.9	2.0	10.0	11497	828	2048	14373	80.0	5.8	14.2
2345	1025	1.13	0.0	1.13	0.0	18375	977	2402	21754	84.5	4.5	11.0	16011	2277	2642	20930	76.5	10.9	12.6
2490	1015	1.50	0.0	1.50	0.0	19020	302	2527	21848	87.1	1.4	11.6	17860	722	3737	22319	80.0	3.2	16.7
FITCHBURG GAS & ELECTRIC																			
93	1020	1.52	0.0	1.52	0.0	0	84	95	178	0.0	46.9	53.1	0	194	141	335	0.0	58.0	42.0
12	1018	1.88	0.0	1.88	0.0	0	55	12	67	0.0	82.1	17.9	0	145	22	167	0.0	86.7	13.3
0	0	0.0	0.0	0.0	0.0	0	73	0	73	0.0	100.0	0.0	0	210	0	210	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	23	0	23	0.0	100.0	0.0	0	119	0	119	0.0	100.0	0.0
FLORIDA POWER CORP																			
17953	1018	0.0	1.51	1.51	100.0	4617	131616	18278	154512	3.0	85.2	11.8	6453	223938	27116	257507	2.5	87.0	10.5
16969	1022	0.0	1.66	1.66	100.0	21393	100132	17349	138874	15.4	72.1	12.5	31022	204978	28232	264233	11.7	77.6	10.7
19741	1024	1.97	1.67	1.70	88.8	29781	97819	20214	147814	20.1	66.2	13.7	51615	198356	33551	283522	18.2	70.0	11.8
15808	1024	2.44	1.89	2.19	44.5	37087	88038	16182	141308	26.2	62.3	11.5	73079	254072	34654	361805	20.2	70.2	9.6
FLORIDA POWER AND LIGHT																			
92149	1000	0.0	0.67	0.67	100.0	0	219908	92149	312057	0.0	70.5	29.5	0	431750	61484	493233	0.0	87.5	12.5
86976	998	0.0	0.67	0.67	100.0	0	199172	86825	285997	0.0	69.6	30.4	0	445297	58024	503321	0.0	88.5	11.5
90325	1000	0.0	0.82	0.82	100.0	0	236102	90325	326427	0.0	72.3	27.7	0	480643	74169	554812	0.0	86.6	13.4
91248	1000	0.0	0.97	0.97	100.0	0	244224	91248	335472	0.0	72.8	27.2	0	744278	88535	832813	0.0	89.4	10.6
FORT PIERCE, CITY OF																			
241	1023	0.71	0.0	0.71	0.0	0	3129	246	3375	0.0	92.7	7.3	0	5790	172	5962	0.0	97.1	2.9
1227	1025	0.95	0.0	0.95	0.0	0	2903	1258	4161	0.0	69.8	30.2	0	6936	1169	8105	0.0	85.6	14.4
1810	1029	1.10	0.0	1.10	0.0	0	1026	1862	2888	0.0	35.5	64.5	0	1945	1990	3934	0.0	49.4	50.6
2926	1028	1.51	0.0	1.51	0.0	0	416	3008	3424	0.0	12.1	87.9	0	1072	4407	5479	0.0	19.6	80.4
FRANKFORT LT & PWR DEPT																			
0	0	0.0	0.0	0.0	0.0	1021	0	0	1021	100.0	0.0	0.0	985	0	0	985	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	546	9	0	556	98.3	1.7	0.0	576	26	0	602	95.7	4.3	0.0
FREMONT DEPT OF PUB UTILS																			
822	1000	0.85	0.81	0.85	1.8	4283	140	822	5245	81.7	2.7	15.7	4631	403	702	5736	80.7	7.0	12.2
346	1000	1.17	1.33	1.19	11.9	5068	69	346	5483	92.4	1.3	6.3	5610	244	412	6266	89.5	3.9	6.6
141	1000	1.43	1.59	1.57	89.9	4366	71	141	4578	95.4	1.6	3.1	5177	223	222	5623	92.1	4.0	3.9
110	1000	1.86	2.03	2.03	98.7	5384	24	110	5519	97.6	0.4	2.0	7455	62	223	7741	96.3	0.8	2.9
GAINESVILLE-ALACHUA COUNTY UTILS																			
572	1025	0.70	1.40	0.70	0.3	0	7427	587	8013	0.0	92.7	7.3	0	12998	399	13397	0.0	97.0	3.0
3069	1027	0.93	1.89	0.93	0.0	0	4651	3151	7803	0.0	59.6	40.4	0	9577	2843	12420	0.0	77.1	22.9
4876	1030	1.08	1.93	1.08	0.0	0	3814	5022	8835	0.0	43.2	56.8	0	7225	5280	12504	0.0	57.8	42.2
7282	1028	1.52	0.0	1.52	0.0	0	1993	7485	9477	0.0	21.0	79.0	0	4176	11050	15226	0.0	27.4	72.6
GARLAND MUNICIPAL POWER & LIGHT																			
10691	1021	1.38	0.0	1.38	0.0	0	88	10920	11008	0.0	0.8	99.2	0	178	14745	14923	0.0	1.2	98.8
12611	1027	1.67	0.0	1.67	0.0	0	149	12945	13094	0.0	1.1	98.9	0	351	21017	21368	0.0	1.6	98.4
14289	1034	1.92	0.0	1.92	0.0	0	0	14775	14775	0.0	0.0	100.0	0	0	27502	27502	0.0	0.0	100.0
14192	1046	2.12	0.0	2.12	0.0	0	978	14840	15818	0.0	6.2	93.8	0	2538	30033	32571	0.0	7.8	92.2
GEORGIA POWER (SOUTHERN CO)																			
3180	1029	0.91	0.0	0.91	0.0	347059	33758	3272	384089	90.4	8.8	0.9	338663	80041	2897	421601	80.3	19.0	0.7
5147	1026	1.19	0.0	1.19	0.0	429001	29743	5281	464025	92.5	6.4	1.1	470847	79314	6142	556303	84.6	14.3	1.1
3693	1025	1.61	0.0	1.61	0.0	400336	17787	3787	421910	94.9	4.2	0.9	499412	47402	5935	552749	90.4	8.6	1.1
736	1029	2.17	0.0	2.17	0.0	448361	4676	757	453795	98.8	1.0	0.2	617205	15575	1594	634374	97.3	2.5	0.3
GLENDALE PUBLIC SERVICE DEPT																			
640	1062	1.27	0.0	1.27	0.0	0	3135	679	3815	0.0	82.2	17.8	0	7445	815	8259	0.0	90.1	9.9
1224	1069	1.93	0.0	1.93	0.0	0	6284	1309	7593	0.0	82.8	17.2	0	16075	2363	18439	0.0	87.2	12.8
1317	1086	2.18	0.0	2.18	0.0	0	2304	1430	3734	0.0	61.7	38.3	0	5942	2872	8814	0.0	67.4	32.6
1872	1079	2.62	0.0	2.62	0.0	0	3731	2020	5751	0.0	64.9	35.1	0	13974	4897	18871	0.0	74.0	26.0
GRAND ISLAND UTILITIES																			
1742	940	0.74	0.0	0.74	0.0	0	1367	1638	3005	0.0	45.5	54.5	0	2224	1286	3510	0.0	63.4	36.6
1908	949	0.88	0.0	0.88	0.0	0	943	1809	2752	0.0	34.2	65.8	0	1827	1684	3510	0.0	52.0	48.0
2401	942	1.04	0.0	1.04	0.0	0	1015	2263	3277	0.0	31.0	69.0	0	1829	2486	4315	0.0	42.4	57.6
2568	943	1.36	0.0	1.36	0.0	0	921	2420	3341	0.0	27.6	72.4	0	2057	3480	5537	0.0	37.2	62.8

YEAR	COAL QUAN. 1000 TONS	COAL DELIV. % ON CONTR	COAL AVERAGE CONTENT BTU/LB	COAL AVERAGE CONTENT SULF WT %	COAL AVERAGE CONTENT ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	COAL AVERAGE PRICE IN $ PER TON CONTR	COAL AVERAGE PRICE IN $ PER TON TOTAL	RESIDUAL OIL #6 QUAN. 1000 BBLS	RESIDUAL OIL #6 DELIV. % ON CONTR	RESIDUAL OIL #6 AV. CONTENT BTU/GAL	RESIDUAL OIL #6 AV. CONTENT SULF WT %	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL SPOT	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL CONTR	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	FUEL OIL # 2 % OF TOTAL #2+#6	FUEL OIL # 2 BTU CONT/GAL	FUEL OIL # 2 AV. PRICE $/BBL
GRAND RIVER DAM AUTHORITY																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
GREEN MOUNTAIN PWR CORP																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	26*	100.0	134470	14.37
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	12*	100.0	134470	18.19
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	4*	100.0	134470	39.39
GREENVILLE ELEC DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	24	100.0	138000	14.14
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	198	100.0	138000	17.61
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	9	100.0	138000	15.71
GREENWOOD UTILS																			
1976	69	0.0	12408	2.41	7.6	29.34	0.0	29.34	0	0.0	0	0.0	0.0	0.0	0.0	10	100.0	139197	13.45
1977	75	0.0	13064	1.21	5.2	36.49	0.0	36.49	0	0.0	0	0.0	0.0	0.0	0.0	30	100.0	139144	16.12
1978	83	0.0	13103	1.25	6.4	40.83	0.0	40.83	3	0.0	149000	3.39	11.55	0.0	11.55	9	73.2	139000	15.48
1979	61	100.0	13253	1.10	4.6	0.0	43.86	43.86	3	0.0	146881	2.22	12.44	0.0	12.44	0	0.0	0	0.0
GULF POWER																			
1976	3360	85.5	11937	2.51	11.3	25.70	23.87	24.13	163	100.0	150000	2.05	0.0	11.17	11.17	72	30.8	140500	12.05
1977	2489	85.5	11793	2.31	11.5	30.45	27.14	27.62	109	100.0	148560	1.50	0.0	13.65	13.65	110	50.4	140500	15.05
1978	2399	75.7	11859	1.91	11.9	32.25	32.87	32.72	167	100.0	146429	1.44	0.0	12.51	12.51	48	22.3	140500	15.65
1979	2588	79.4	11877	1.98	11.3	34.69	37.92	37.26	5	100.0	146429	1.50	0.0	17.30	17.30	2	30.1	140500	28.60
GULF STATES UTILITIES																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3224	0.0	147804	0.59	10.36	0.0	10.36	965	23.0	145421	12.15
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9899	0.0	148670	0.59	11.99	0.0	11.99	2300	18.9	141833	14.27
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10725	0.0	147852	0.59	11.60	0.0	11.60	1472	12.1	142643	13.95
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	7385	45.1	148007	0.54	16.55	21.05	18.58	87	1.2	146277	19.43
HAMILTON, CITY OF																			
1976	148	95.6	12428	0.84	9.8	23.49	24.49	24.45	0	0.0	0	0.0	0.0	0.0	0.0	598	100.0	138000	13.55
1977	199	86.5	12100	0.88	12.0	29.05	28.86	28.89	0	0.0	0	0.0	0.0	0.0	0.0	255	100.0	137007	15.22
1978	202	28.0	12127	0.95	10.9	35.75	33.56	35.13	0	0.0	0	0.0	0.0	0.0	0.0	57	100.0	137000	16.06
1979	197	90.2	12242	0.91	10.3	33.53	34.74	34.62	0	0.0	0	0.0	0.0	0.0	0.0	5	100.0	137460	25.06
HASTINGS UTILITIES																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	624	0.0	148258	0.72	12.58	0.0	12.58	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	212	0.0	150154	0.74	11.02	0.0	11.02	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	141	0.0	150000	0.92	10.81	0.0	10.81	5	3.7	148000	14.83
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	54	0.0	150000	0.93	13.67	0.0	13.67	2	3.6	148000	15.76
HAWAIIAN ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8767	100.0	150458	1.21	0.0	9.81	9.81	2	0.0	136071	14.73
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9071	100.0	149622	1.22	0.0	11.63	11.63	19	0.2	135630	15.45
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9256	95.7	150155	1.10	11.56	14.00	13.90	50	0.5	136635	15.88
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9040	100.0	150848	1.29	0.0	15.88	15.88	15	0.2	139295	27.15
HENDERSON MUNICIPAL PWR & LT																			
1976	51	100.0	10856	4.15	13.0	0.0	13.43	13.43	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	138	40.6	10803	2.54	12.1	18.83	18.92	18.87	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	118	97.5	10695	2.21	12.4	26.59	20.40	20.56	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	138	100.0	11073	2.30	10.3	0.0	23.18	23.18	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
HAWAII ELECTRIC LT CO																			
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	325	100.0	143469	1.63	0.0	20.54	20.54	0	0.0	0	0.0
HOLLAND BOARD OF PUBLIC WKS																			
1976	125	100.0	11776	2.58	12.2	0.0	24.12	24.12	0	0.0	0	0.0	0.0	0.0	0.0	5	100.0	138000	14.27
1977	156*	88.1	12043	2.10	9.3	26.66	26.29	26.33	0	0.0	0	0.0	0.0	0.0	0.0	23	100.0	138000	16.14
1978	186*	0.0	12719	2.41	9.1	37.27	0.0	37.27	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	138000	16.52
1979	162*	100.0	12455	1.45	8.9	0.0	40.82	40.82	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
HOLYOKE GAS & ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	87	100.0	146238	0.92	0.0	12.31	12.31	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	81	100.0	145980	0.93	0.0	14.24	14.24	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	69	100.0	146477	0.97	0.0	13.63	13.63	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	54	100.0	146779	1.00	0.0	18.98	18.98	0	0.0	0	0.0

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
GRAND RIVER DAM AUTHORITY																			
4983	1025	1.10	0.0	1.10	0.0	0	0	5108	5108	0.0	0.0	100.0	0	0	5500	5500	0.0	0.0	100.0
5181	1025	1.41	0.0	1.41	0.0	0	0	5311	5311	0.0	0.0	100.0	0	0	7294	7294	0.0	0.0	100.0
5509	1000	1.59	0.0	1.59	0.0	0	0	5509	5509	0.0	0.0	100.0	0	0	8780	8780	0.0	0.0	100.0
1596	1000	1.76	0.0	1.76	0.0	0	0	1596	1596	0.0	0.0	100.0	0	0	2806	2806	0.0	0.0	100.0
GREEN MOUNTAIN PWR CORP																			
0	0	0.0	0.0	0.0	0.0	0	148	0	148	0.0	100.0	0.0	0	377	0	377	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	67	0	67	0.0	100.0	0.0	0	216	0	216	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	21	0	21	0.0	100.0	0.0	0	145	0	145	0.0	100.0	0.0
GREENVILLE ELEC DEPT																			
2428	1026	1.38	0.0	1.38	0.0	0	0	2492	2492	0.0	0.0	100.0	0	0	3344	3344	0.0	0.0	100.0
2205	1030	1.65	0.0	1.65	0.0	0	139	2270	2409	0.0	5.8	94.2	0	339	3632	3971	0.0	8.5	91.5
2596	1040	1.96	0.0	1.96	0.0	0	1149	2701	3849	0.0	29.8	70.2	0	3490	5093	8583	0.0	40.7	59.3
2322	1046	2.13	0.0	2.13	0.0	0	54	2429	2484	0.0	2.2	97.8	0	148	4940	5087	0.0	2.9	97.1
GREENWOOD UTILS																			
176	1000	0.88	0.0	0.88	0.0	1710	56	176	1942	88.0	2.9	9.1	2021	129	155	2305	87.7	5.6	6.7
0	0	0.0	0.0	0.0	0.0	1949	174	0	2123	91.8	8.2	0.0	2722	479	0	3201	85.0	15.0	0.0
22	1000	1.90	0.0	1.90	0.0	2170	73	22	2265	95.8	3.2	1.0	3381	177	42	3600	93.9	4.9	1.2
311	1000	2.01	0.0	2.01	0.0	1617	19	311	1946	83.1	1.0	16.0	2675	37	626	3339	80.1	1.1	18.7
GULF POWER																			
6550	1188	2.13	0.61	1.49	42.2	80208	1452	7780	89439	89.7	1.6	8.7	81071	2688	9752	93511	86.7	2.9	10.4
6179	1265	2.32	0.71	1.63	42.9	58694	1332	7818	67843	86.5	2.0	11.5	68733	3149	10069	81952	83.9	3.8	12.3
6728	1293	2.33	1.52	2.04	35.5	56899	1310	8701	66910	85.0	2.0	13.0	78486	2840	13746	95071	82.6	3.0	14.5
5979	1212	2.13	1.77	2.00	36.2	61474	44	7246	68764	89.4	0.1	10.5	96413	151	11953	108517	88.8	0.1	11.0
GULF STATES UTILITIES																			
216069	1045	1.70	0.31	0.61	78.6	0	25907	225786	251693	0.0	10.3	89.7	0	45125	131067	176192	0.0	25.6	74.4
200296	1037	2.00	0.42	0.59	89.3	0	75513	207724	283237	0.0	26.7	73.3	0	151475	117880	269355	0.0	56.2	43.8
211922	1048	2.32	0.63	0.77	91.9	0	75422	222140	297562	0.0	25.3	74.7	0	144930	162339	307269	0.0	47.2	52.8
221483	1047	2.57	1.12	1.16	97.0	0	46442	231950	278392	0.0	16.7	83.3	0	138916	256939	395855	0.0	35.1	64.9
HAMILTON, CITY OF																			
876	1000	0.81	0.71	0.79	17.8	3689	3466	876	8030	45.9	43.2	10.9	3628	8102	695	12425	29.2	65.2	5.6
621	1000	1.17	0.0	1.17	0.0	4804	1467	621	6892	69.7	21.3	9.0	5734	3881	725	10340	55.5	37.5	7.0
465	1000	1.21	0.0	1.21	0.0	4899	326	465	5690	86.1	5.7	8.2	7097	909	561	8568	82.8	10.6	6.6
863	1000	1.70	1.66	1.70	4.6	4832	31	863	5726	84.4	0.5	15.1	6833	133	1467	8432	81.0	1.6	17.4
HASTINGS UTILITIES																			
1165	940	0.71	0.0	0.71	0.0	0	3885	1095	4980	0.0	78.0	22.0	0	7849	823	8672	0.0	90.5	9.5
1412	940	0.89	0.0	0.89	0.0	0	1337	1328	2665	0.0	50.2	49.8	0	2337	1258	3595	0.0	65.0	35.0
1415	940	1.02	0.0	1.02	0.0	0	919	1330	2249	0.0	40.9	59.1	0	1600	1444	3044	0.0	52.6	47.4
1541	940	1.34	0.0	1.34	0.0	0	354	1449	1803	0.0	19.6	80.4	0	773	2070	2843	0.0	27.2	72.8
HAWAIIAN ELECTRIC																			
0	0	0.0	0.0	0.0	0.0	0	55411	0	55411	0.0	100.0	0.0	0	86035	0	86035	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	57113	0	57113	0.0	100.0	0.0	0	105825	0	105825	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	58662	0	58662	0.0	100.0	0.0	0	129451	0	129451	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	57356	0	57356	0.0	100.0	0.0	0	143909	0	143909	0.0	100.0	0.0
HENDERSON MUNICIPAL PWR & LT																			
0	0	0.0	0.0	0.0	0.0	1107	0	0	1107	100.0	0.0	0.0	685	0	0	685	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2982	0	0	2982	100.0	0.0	0.0	2603	0	0	2603	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2524	0	0	2524	100.0	0.0	0.0	2426	0	0	2426	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	3056	0	0	3056	100.0	0.0	0.0	3199	0	0	3199	100.0	0.0	0.0
HAWAII ELECTRIC LT CO																			
0	0	0.0	0.0	0.0	0.0	0	1957	0	1957	0.0	100.0	0.0	0	6670	0	6670	0.0	100.0	0.0
HOLLAND BOARD OF PUBLIC WKS																			
292	1000	1.15	0.0	1.15	0.0	2933	27	292	3252	90.2	0.8	9.0	3004	66	336	3405	88.2	1.9	9.9
2	1030	1.65	0.0	1.65	0.0	3755	135	2	3892	96.5	3.5	0.1	4105	376	4	4485	91.5	8.4	0.1
0	0	0.0	0.0	0.0	0.0	4729	8	0	4737	99.8	0.2	0.0	6929	23	0	6953	99.7	0.3	0.0
0	0	0.0	0.0	0.0	0.0	4035	0	0	4035	100.0	0.0	0.0	6612	0	0	6612	100.0	0.0	0.0
HOLYOKE GAS & ELECTRIC																			
155	1000	1.20	0.0	1.20	0.0	0	537	155	692	0.0	77.6	22.4	0	1076	186	1262	0.0	85.2	14.8
111	1000	2.00	0.0	2.00	0.0	0	497	111	608	0.0	81.7	18.3	0	1154	223	1376	0.0	83.8	16.2
111	1000	2.00	0.0	2.00	0.0	0	425	111	536	0.0	79.3	20.7	0	942	221	1163	0.0	81.0	19.0
233	1000	2.30	0.0	2.30	0.0	0	331	233	564	0.0	58.7	41.3	0	1019	535	1555	0.0	65.6	34.4

YEAR	COAL QUAN. 1000 TONS	COAL DELIV. % ON CONTR	COAL AVERAGE CONTENT BTU/ LB	COAL AVERAGE CONTENT SULF WT %	COAL AVERAGE CONTENT ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	COAL AVERAGE PRICE IN $ PER TON CONTR	COAL AVERAGE PRICE IN $ PER TON TOTAL	RESIDUAL OIL #6 QUAN. 1000 BBLS	RESIDUAL OIL #6 DELIV. % ON CONTR	RESIDUAL OIL #6 AV. CONTENT BTU/ GAL	RESIDUAL OIL #6 AV. CONTENT SULF WT %	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL SPOT	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL CONTR	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	FUEL OIL # 2 % OF TOTAL #2+#6	FUEL OIL # 2 BTU CONT/ GAL	FUEL OIL # 2 AV. PRICE $/BBL
HOLYOKE WATER POWER (NU)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1400	100.0	146885	1.00	0.0	11.95	11.95	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1326	100.0	146652	1.00	0.0	13.65	13.65	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1102	100.0	147841	1.00	0.0	13.25	13.25	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	990	100.0	148560	1.26	0.0	20.50	20.50	0	0.0	0	0.0
HOOSIER ENERGY DIV-INDIANA REC																			
1976	692	0.0	10285	2.89	13.8	11.41	0.0	11.41	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	574	51.6	10320	3.37	15.6	11.98	11.60	11.78	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	666	75.0	10509	2.98	13.5	16.92	15.55	15.89	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	760	76.1	10449	3.44	14.2	13.53	16.54	15.82	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
HOUSTON LIGHTING & POWER																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	567	100.0	8801	0.54	12.3	0.0	32.85	32.85	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	2816	100.0	8613	0.43	5.7	0.0	37.57	37.57	1093	0.0	147218	0.85	10.19	0.0	10.19	46	4.0	139622	11.00
IDAHO PWR CO																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	137104	16.62
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	137434	18.69
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	100.0	136511	19.27
ILLINOIS POWER																			
1976	7329*	75.1	10727	2.78	11.1	19.81	14.59	15.89	858	100.0	149209	0.65	0.0	12.67	12.67	421	32.9	138000	14.29
1977	6481	75.9	10668	2.55	11.2	22.52	19.75	20.42	1327	100.0	148974	0.87	0.0	13.58	13.58	654	33.0	138000	15.89
1978	7235*	78.6	10737	2.42	11.1	27.20	25.02	25.48	1253	100.0	149139	0.92	0.0	13.03	13.03	646	34.0	138000	16.43
1979	7689*	92.4	10845	2.45	10.6	31.71	27.22	27.56	500	100.0	148960	0.99	0.0	18.79	18.79	677	57.6	138000	24.73
IMPERIAL IRRIGATION DIST																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	616	100.0	151077	1.16	0.0	11.79	11.79	45	6.8	141000	16.19
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1099	100.0	151000	1.16	0.0	12.43	12.43	82	6.9	141000	16.68
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1174	100.0	151000	1.28	0.0	12.06	12.06	13	1.1	141000	16.43
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	951	100.0	151000	0.89	0.0	18.07	18.07	25	2.6	141000	30.45
INDIANA & MICHIGAN ELEC (AEP)																			
1976	2931	89.4	11020	3.49	12.6	17.40	13.15	13.60	0	0.0	0	0.0	0.0	0.0	0.0	735	100.0	138192	9.58
1977	3262	97.4	10911	3.75	13.0	22.37	15.30	15.49	0	0.0	0	0.0	0.0	0.0	0.0	825	100.0	137835	10.00
1978	2589	97.9	10900	2.91	12.4	27.46	26.26	26.29	0	0.0	0	0.0	0.0	0.0	0.0	1279	100.0	137884	14.03
1979	3406	99.4	11378	2.76	10.9	21.57	33.37	33.30	0	0.0	0	0.0	0.0	0.0	0.0	409	100.0	138027	20.46
INDIANA-KENTUCKY ELECTRIC CORP																			
1976	4226	58.3	10861	3.47	12.4	16.61	11.08	13.39	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	3834	32.6	10750	3.81	14.0	18.40	11.10	16.02	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	3642	19.5	10434	3.71	13.7	23.05	13.39	21.17	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	3842	30.2	10954	3.95	13.2	22.86	17.10	21.12	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
INDIANAPOLIS POWER & LIGHT																			
1976	4528	100.0	10905	2.71	10.1	0.0	14.24	14.24	0	0.0	0	0.0	0.0	0.0	0.0	235	100.0	135225	13.72
1977	5099	100.0	10910	2.53	10.0	0.0	15.99	15.99	0	0.0	0	0.0	0.0	0.0	0.0	390	100.0	135596	15.64
1978	4646	84.8	10895	2.42	10.8	29.59	20.76	22.10	0	0.0	0	0.0	0.0	0.0	0.0	1072	100.0	135469	15.89
1979	5510	97.5	10939	2.58	9.9	20.18	21.90	21.86	0	0.0	0	0.0	0.0	0.0	0.0	180	100.0	136021	24.81
INTERSTATE POWER																			
1976	1052	99.2	9913	2.06	10.1	18.95	19.59	19.59	159	37.5	150838	1.38	10.91	11.86	11.26	19	10.7	140000	13.16
1977	2016	96.9	9404	1.58	8.5	23.76	19.83	19.95	364	93.7	150263	1.84	12.53	14.43	14.31	200	35.4	139999	16.12
1978	1475	94.8	9565	1.81	9.6	27.51	22.98	23.22	329	100.0	151099	1.50	0.0	13.04	13.04	116	26.0	140000	16.21
1979	1409	100.0	9778	1.88	8.9	0.0	27.10	27.10	212	100.0	151167	1.48	0.0	16.83	16.83	144	40.4	139999	21.35
IOWA ELECTRIC LIGHT & POWER																			
1976	917	73.9	10304	2.09	9.3	29.84	20.74	23.12	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	138500	12.49
1977	908	75.8	10303	1.80	9.4	31.59	25.54	27.00	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	138674	12.81
1978	1327	63.4	10232	2.29	10.0	29.14	33.98	32.21	0	0.0	0	0.0	0.0	0.0	0.0	2	100.0	138500	16.87
1979	973	81.8	9948	2.71	11.4	32.65	36.72	35.98	0	0.0	0	0.0	0.0	0.0	0.0	10	100.0	138511	30.21
IOWA-ILLINOIS GAS & ELECTRIC																			
1976	423	100.0	10570	2.55	7.6	0.0	19.06	19.06	0	0.0	0	0.0	0.0	0.0	0.0	60	100.0	138753	14.30
1977	295	100.0	10362	2.62	9.3	0.0	21.92	21.92	0	0.0	0	0.0	0.0	0.0	0.0	237	100.0	137584	15.54
1978	470	77.8	10257	2.64	10.0	33.57	27.51	28.85	0	0.0	0	0.0	0.0	0.0	0.0	217	100.0	137026	16.11
1979	469	100.0	10087	2.56	9.7	0.0	28.94	28.94	0	0.0	0	0.0	0.0	0.0	0.0	113	100.0	137568	23.41
IOWA PUBLIC SERVICE																			
1976	2480	100.0	10147	0.64	11.1	0.0	16.22	16.22	0	0.0	0	0.0	0.0	0.0	0.0	68	100.0	140000	13.92
1977	2650	100.0	10153	0.61	11.2	0.0	19.87	19.87	0	0.0	0	0.0	0.0	0.0	0.0	177	100.0	140000	15.11
1978	2398	97.0	10054	0.67	11.7	35.29	22.43	22.81	0	0.0	0	0.0	0.0	0.0	0.0	159	100.0	140000	15.15
1979	4579*	98.5	9359	0.59	9.4	34.44	22.83	23.01	0	0.0	0	0.0	0.0	0.0	0.0	308	100.0	140000	21.83

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
HOLYOKE WATER POWER (NU)																			
0	0	0.0	0.0	0.0	0.0	0	8637	0	8637	0.0	100.0	0.0	0	16724	0	16724	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	8167	0	8167	0.0	100.0	0.0	0	18105	0	18105	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	6843	0	6843	0.0	100.0	0.0	0	14601	0	14601	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	6177	0	6177	0.0	100.0	0.0	0	20291	0	20291	0.0	100.0	0.0
HOOSIER ENERGY DIV-INDIANA REC																			
0	0	0.0	0.0	0.0	0.0	14240	0	0	14240	100.0	0.0	0.0	7898	0	0	7898	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	11843	0	0	11843	100.0	0.0	0.0	6762	0	0	6762	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	13988	0	0	13988	100.0	0.0	0.0	10574	0	0	10574	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	15885	0	0	15885	100.0	0.0	0.0	12026	0	0	12026	100.0	0.0	0.0
HOUSTON LIGHTING & POWER																			
415016	1029	0.0	0.84	0.84	100.0	0	0	427201	427201	0.0	0.0	100.0	0	0	347767	347767	0.0	0.0	100.0
469439	1033	0.0	1.09	1.09	100.0	0	0	485122	485122	0.0	0.0	100.0	0	0	513577	513577	0.0	0.0	100.0
532019	1044	0.0	1.34	1.34	100.0	9989	0	555616	565605	1.8	0.0	98.2	18640	0	713021	731660	2.5	0.0	97.5
469151	1050	0.0	1.75	1.75	100.0	48512	7030	492577	548119	8.9	1.3	89.9	105794	11644	822705	940143	11.3	1.2	87.5
IDAHO PWR CO																			
110	1059	1.60	0.0	1.60	0.0	0	0	116	116	0.0	0.0	100.0	0	0	176	176	0.0	0.0	100.0
676	1056	2.04	0.0	2.04	0.0	0	16	714	730	0.0	2.2	97.8	0	46	1382	1428	0.0	3.2	96.8
42	1048	2.23	0.0	2.23	0.0	0	15	44	59	0.0	24.9	75.1	0	47	94	142	0.0	33.5	66.5
455	1042	2.94	0.0	2.94	0.0	0	2	475	477	0.0	0.5	99.5	0	8	1339	1347	0.0	0.6	99.4
ILLINOIS POWER																			
2676	1029	1.11	0.0	1.11	0.0	157247	7818	2754	167818	93.7	4.7	1.6	116451	16890	2975	136316	85.4	12.4	2.2
235	1027	1.49	0.0	1.49	0.0	138272	12095	241	150609	91.8	8.0	0.2	132310	28413	349	161071	82.1	17.6	0.2
0	0	0.0	0.0	0.0	0.0	155365	11592	0	166957	93.1	6.9	0.0	184364	26943	0	211306	87.2	12.8	0.0
847	1036	2.42	0.0	2.42	0.0	166776	7052	877	174706	95.5	4.0	0.5	211907	26143	2053	240103	88.3	10.9	0.9
IMPERIAL IRRIGATION DIST																			
2843	1051	1.26	0.0	1.26	0.0	0	4175	2989	7164	0.0	58.3	41.7	0	7993	3570	11563	0.0	69.1	30.9
1587	1049	2.08	0.0	2.08	0.0	0	7456	1664	9120	0.0	81.8	18.2	0	15028	3297	18325	0.0	82.0	18.0
507	1051	2.12	0.0	2.12	0.0	0	7523	533	8057	0.0	93.4	6.6	0	14367	1074	15441	0.0	93.0	7.0
2760	1046	2.51	0.0	2.51	0.0	0	6181	2886	9067	0.0	68.2	31.8	0	17959	6940	24899	0.0	72.1	27.9
INDIANA & MICHIGAN ELEC (AEP)																			
0	0	0.0	0.0	0.0	0.0	64586	4268	0	68854	93.8	6.2	0.0	39845	7048	0	46893	85.0	15.0	0.0
0	0	0.0	0.0	0.0	0.0	71191	4777	0	75968	93.7	6.3	0.0	50518	8255	0	58773	86.0	14.0	0.0
0	0	0.0	0.0	0.0	0.0	56430	7410	0	63840	88.4	11.6	0.0	68043	17947	0	85991	79.1	20.9	0.0
0	0	0.0	0.0	0.0	0.0	77495	2372	0	79866	97.0	3.0	0.0	113412	8369	0	121781	93.1	6.9	0.0
INDIANA-KENTUCKY ELECTRIC CORP																			
0	0	0.0	0.0	0.0	0.0	91794	0	0	91794	100.0	0.0	0.0	56576	0	0	56576	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	82433	0	0	82433	100.0	0.0	0.0	61424	0	0	61424	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	76000	0	0	76000	100.0	0.0	0.0	77083	0	0	77083	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	84174	0	0	84174	100.0	0.0	0.0	81132	0	0	81132	100.0	0.0	0.0
INDIANAPOLIS POWER & LIGHT																			
0	0	0.0	0.0	0.0	0.0	98759	1337	0	100096	98.7	1.3	0.0	64468	3231	0	67699	95.2	4.8	0.0
0	0	0.0	0.0	0.0	0.0	111260	2220	0	113480	98.0	2.0	0.0	81560	6095	0	87655	93.0	7.0	0.0
0	0	0.0	0.0	0.0	0.0	101222	6097	0	107319	94.3	5.7	0.0	102650	17033	0	119683	85.8	14.2	0.0
0	0	0.0	0.0	0.0	0.0	120552	1031	0	121583	99.2	0.8	0.0	120428	4475	0	124903	96.4	3.6	0.0
INTERSTATE POWER																			
2986	997	0.84	0.0	0.84	0.0	20855	1118	2976	24949	83.6	4.5	11.9	20603	2039	2516	25159	81.9	8.1	10.0
846	992	1.20	0.0	1.20	0.0	37921	3470	838	42230	89.8	8.2	2.0	40234	8424	1018	49676	81.0	17.0	2.0
21	986	1.34	2.55	1.73	32.2	28220	2772	20	31012	91.0	8.9	0.1	34251	6175	35	40462	84.7	15.3	0.1
3125	985	1.73	0.0	1.73	0.0	27548	2195	3079	32823	83.9	6.7	9.4	38178	6649	5413	50240	76.0	13.2	10.8
IOWA ELECTRIC LIGHT & POWER																			
7330	1016	1.00	1.00	1.00	0.3	18906	7	7444	26357	71.7	0.0	28.2	21210	14	7302	28527	74.4	0.1	25.6
5690	1013	1.35	1.27	1.34	15.7	18705	5	5762	24472	76.4	0.0	23.5	24511	12	7614	32137	76.3	0.0	23.7
3493	1022	1.72	0.0	1.72	0.0	27164	10	3570	30744	88.4	0.0	11.6	42752	30	6022	48803	87.6	0.1	12.3
3118	1024	2.23	0.0	2.23	0.0	19353	56	3193	22602	85.6	0.2	14.1	34994	293	6939	42226	82.9	0.7	16.4
IOWA-ILLINOIS GAS & ELECTRIC																			
6874	1033	0.92	1.71	1.07	19.1	8942	348	7104	16394	54.5	2.1	43.3	8064	854	7388	16306	49.5	5.2	45.3
5962	1025	1.30	1.93	1.37	12.1	6113	1371	6111	13595	45.0	10.1	45.0	6467	3687	8187	18341	35.3	20.1	44.6
4890	1025	1.55	2.18	1.72	27.4	9648	1248	5012	15908	60.6	7.8	31.5	13569	3492	8410	25471	53.3	13.7	33.0
3589	1029	2.10	2.58	2.22	23.5	9467	655	3694	13816	68.5	4.7	26.7	13583	2652	7954	24189	56.2	11.0	32.9
IOWA PUBLIC SERVICE																			
3393	990	0.87	2.67	0.91	2.0	50327	400	3358	54085	93.1	0.7	6.2	40236	947	3079	44262	90.9	2.1	7.0
2045	1000	4.00	1.11	1.23	96.1	53804	1038	2045	56888	94.6	1.8	3.6	52644	2668	2506	57817	91.1	4.6	4.3
400	1000	3.33	1.36	1.60	87.8	48210	933	400	49543	97.3	1.9	0.8	54681	2404	639	57723	94.7	4.2	1.1
955	1000	0.0	1.82	1.82	100.0	85711	1813	955	88479	96.9	2.0	1.1	105340	6733	1738	113812	92.6	5.9	1.5

YEAR	COAL QUAN. 1000 TONS	COAL DELIV. % ON CONTR	COAL AVERAGE CONTENT BTU/LB	COAL AVERAGE CONTENT SULF WT %	COAL AVERAGE CONTENT ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	COAL AVERAGE PRICE IN $ PER TON CONTR	COAL AVERAGE PRICE IN $ PER TON TOTAL	RESIDUAL OIL #6 QUAN. 1000 BBLS	RESIDUAL OIL #6 DELIV. % ON CONTR	RESIDUAL OIL #6 AV. CONTENT BTU/GAL	RESIDUAL OIL #6 AV. CONTENT SULF WT %	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL SPOT	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL CONTR	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	FUEL OIL # 2 % OF TOTAL #2+#6	FUEL OIL # 2 BTU CONT/GAL	FUEL OIL # 2 AV. PRICE $/BBL
IOWA POWER & LIGHT																			
1976	795	100.0	9582	1.94	10.4	0.0	14.97	14.97	0	0.0	0	0.0	0.0	0.0	0.0	147	100.0	135000	13.30
1977	698	100.0	9445	1.60	10.2	0.0	15.95	15.95	0	0.0	0	0.0	0.0	0.0	0.0	112	100.0	135000	15.10
1978	1790	99.3	8764	0.71	6.5	17.12	12.56	12.59	0	0.0	0	0.0	0.0	0.0	0.0	189	100.0	136000	15.57
1979	3025	99.9	8573	0.62	5.9	23.02	13.44	13.45	0	0.0	0	0.0	0.0	0.0	0.0	1001	100.0	136000	18.51
IOWA SOUTHERN UTILITIES																			
1976	556	99.9	10095	2.50	8.7	19.77	15.64	15.65	0	0.0	0	0.0	0.0	0.0	0.0	53	100.0	137881	13.28
1977	478	87.9	10043	2.38	8.1	18.15	16.17	16.41	0	0.0	0	0.0	0.0	0.0	0.0	56	100.0	137881	15.62
1978	473	35.5	10632	2.62	10.4	30.03	22.87	27.48	0	0.0	0	0.0	0.0	0.0	0.0	56	100.0	137881	15.73
1979	459	41.3	10368	2.50	7.8	28.53	24.17	26.73	0	0.0	0	0.0	0.0	0.0	0.0	64	100.0	137881	31.13
JACKSONVILLE ELECTRIC AUTHORITY																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8659	95.6	149257	1.77	10.36	11.03	11.00	875	9.2	140853	13.18
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9847	100.0	149099	1.60	0.0	12.99	12.99	905	8.4	137246	15.08
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10058	100.0	148475	1.25	0.0	12.50	12.50	323	3.1	137480	15.44
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9635	98.4	150949	1.31	24.02	17.58	17.68	358	3.6	138764	31.33
JAMESTOWN BD OF PUB UTILS																			
1976	108	0.0	12615	2.06	11.0	25.08	0.0	25.08	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	109	0.0	12497	2.03	11.6	25.02	0.0	25.02	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	47	0.0	11745	1.84	14.2	28.44	0.0	28.44	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	89	0.0	12031	2.16	12.8	29.65	0.0	29.65	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
JERSEY CENTRAL PWR & LT (GPU)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3104	100.0	144252	0.43	0.0	12.35	12.35	1425	31.5	136716	13.17
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3663	88.5	144964	0.44	14.02	14.37	14.33	1708	31.8	137978	15.50
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3513	86.9	145650	0.41	13.04	13.70	13.62	1078	23.5	139226	16.21
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1933	100.0	145487	0.39	0.0	21.41	21.41	838	30.2	140527	25.75
JONESBORO WTR & LT PLT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	28*	0.0	145000	1.30	9.94	0.0	9.94	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	15*	0.0	145000	0.99	12.16	0.0	12.16	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	36*	0.0	145000	0.99	12.10	0.0	12.10	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4*	0.0	145000	0.99	18.44	0.0	18.44	0	0.0	0	0.0
KANSAS CITY POWER & LIGHT																			
1976	5077*	92.5	10014	4.03	19.8	21.56	9.27	10.18	0	0.0	0	0.0	0.0	0.0	0.0	556	100.0	138100	12.94
1977	6824*	91.3	9657	3.27	16.2	20.09	10.29	11.14	0	0.0	0	0.0	0.0	0.0	0.0	1065	100.0	138100	15.36
1978	6020*	96.6	9255	2.58	13.9	20.69	13.06	13.32	0	0.0	0	0.0	0.0	0.0	0.0	1006*	100.0	138066	15.45
1979	6825*	98.4	9379	2.86	14.2	20.57	15.28	15.37	0	0.0	0	0.0	0.0	0.0	0.0	403	100.0	138066	21.42
KANSAS CITY BD PUB UTILS																			
1976	573	31.5	12225	3.66	11.5	23.58	21.49	22.93	0	0.0	0	0.0	0.0	0.0	0.0	27	100.0	138000	12.94
1977	542	81.3	12267	2.96	11.2	24.77	23.31	23.59	0	0.0	0	0.0	0.0	0.0	0.0	76	100.0	137990	15.13
1978	543	53.0	12069	3.28	12.5	27.54	26.09	26.77	0	0.0	0	0.0	0.0	0.0	0.0	121	100.0	138000	15.44
1979	731	55.8	12061	3.25	11.3	28.24	29.44	28.91	0	0.0	0	0.0	0.0	0.0	0.0	36	100.0	138000	32.95
KANSAS GAS & ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1598	43.6	150494	1.25	9.82	9.24	9.57	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1571	0.0	149124	1.24	11.84	0.0	11.84	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1798	6.0	150759	1.31	10.80	11.47	10.84	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1064	29.3	151480	1.63	12.96	11.54	12.54	0	0.0	0	0.0
KENTUCKY POWER (AEP)																			
1976	2420	89.3	11556	1.12	13.0	18.17	18.17	18.17	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	2909	55.7	11562	1.06	13.1	25.17	19.25	21.87	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	2436	45.1	11343	1.29	13.3	26.16	23.83	25.11	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	2132	77.1	11339	1.19	13.5	26.26	27.87	27.50	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
KENTUCKY UTILITIES																			
1976	3825	69.7	11305	2.50	12.0	18.79	15.75	16.67	0	0.0	0	0.0	0.0	0.0	0.0	44	100.0	140000	13.70
1977	4093	46.8	11390	2.13	12.4	24.70	22.09	23.48	0	0.0	0	0.0	0.0	0.0	0.0	96	100.0	140000	15.90
1978	3991	43.3	11527	2.08	12.2	30.84	26.69	29.04	0	0.0	0	0.0	0.0	0.0	0.0	38	100.0	140000	16.19
1979	4271	58.1	11727	2.10	11.1	27.81	31.39	29.89	0	0.0	0	0.0	0.0	0.0	0.0	5	100.0	140000	20.75
LAKE SUPERIOR DIST POWER																			
1976	39	0.0	10361	1.62	9.8	27.85	0.0	27.85	32*	100.0	134033	0.51	0.0	13.54	13.54	0	0.0	0	0.0
1977	70	47.4	10193	1.76	10.1	26.55	27.37	26.94	19*	100.0	134033	0.51	0.0	14.25	14.25	7	26.8	133807	16.00
1978	89	100.0	9496	1.31	9.2	0.0	26.98	26.98	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	117	95.8	9542	1.17	9.2	27.01	29.62	29.51	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
LAKE WORTH UTILITIES																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	79*	0.0	148000	1.67	14.68	0.0	14.68	5	6.3	140000	14.38
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	68*	0.0	148094	1.27	14.49	0.0	14.49	12	14.7	140000	15.53
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	39	0.0	150000	2.13	12.16	0.0	12.16	21	35.7	140000	15.63
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	56	0.0	149489	2.24	19.84	0.0	19.84	40	41.3	140000	35.62

NATURAL GAS						TOTAL QUANTITY DELIVERED							TOTAL DELIVERED FUEL COST						
AMOUNT	BTU	AVERAGE PRICE			%	IN BILLION BTUS				% OF TOTAL BTUS			IN $1000				% OF FUEL COST		
IN 1000 MCF	CONT/ CU FT	IN $ PER MCF IRPT	FIRM	TOTL	FIRM/ TOTAL	COAL	OIL	GAS	TOTAL	COAL	OIL	GAS	COAL	OIL	GAS	TOTAL	COAL	OIL	GAS
IOWA POWER & LIGHT																			
3874	994	0.80	0.0	0.80	0.0	15230	832	3851	19913	76.5	4.2	19.3	11896	1953	3099	16948	70.2	11.5	18.3
474	989	1.27	0.0	1.27	0.0	13182	636	468	14287	92.3	4.5	3.3	11131	1693	602	13426	82.9	12.6	4.5
166	982	1.54	0.0	1.54	0.0	31370	1077	163	32610	96.2	3.3	0.5	22532	2935	256	25723	87.6	11.4	1.0
547	986	1.83	0.0	1.83	0.0	51863	5715	540	58118	89.2	9.8	0.9	40679	18515	1002	60197	67.6	30.8	1.7
IOWA SOUTHERN UTILITIES																			
0	0	0.0	0.0	0.0	0.0	11217	309	0	11526	97.3	2.7	0.0	8693	708	0	9401	92.5	7.5	0.0
0	0	0.0	0.0	0.0	0.0	9596	325	0	9920	96.7	3.3	0.0	7839	876	0	8715	89.9	10.1	0.0
0	0	0.0	0.0	0.0	0.0	10057	325	0	10382	96.9	3.1	0.0	13000	883	0	13883	93.6	6.4	0.0
0	0	0.0	0.0	0.0	0.0	9524	373	0	9897	96.2	3.8	0.0	12275	2004	0	14280	86.0	14.0	0.0
JACKSONVILLE ELECTRIC AUTHORITY																			
0	0	0.0	0.0	0.0	0.0	0	59456	0	59456	0.0	100.0	0.0	0	106778	0	106778	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	66881	0	66881	0.0	100.0	0.0	0	141609	0	141609	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	64586	0	64586	0.0	100.0	0.0	0	130746	0	130746	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	63172	0	63172	0.0	100.0	0.0	0	181545	0	181545	0.0	100.0	0.0
JAMESTOWN BD OF PUB UTILS																			
0	0	0.0	0.0	0.0	0.0	2717	0	0	2717	100.0	0.0	0.0	2701	0	0	2701	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2736	0	0	2736	100.0	0.0	0.0	2739	0	0	2739	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1105	0	0	1105	100.0	0.0	0.0	1338	0	0	1338	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2137	0	0	2137	100.0	0.0	0.0	2634	0	0	2634	100.0	0.0	0.0
JERSEY CENTRAL PWR & LT (GPU)																			
474	1030	1.13	0.0	1.13	0.0	0	26988	488	27477	0.0	98.2	1.8	0	57118	538	57656	0.0	99.1	0.9
1408	1018	1.62	0.0	1.62	0.0	0	32200	1433	33633	0.0	95.7	4.3	0	78967	2276	81243	0.0	97.2	2.8
2	1030	2.75	0.0	2.75	0.0	0	27794	2	27796	0.0	100.0	0.0	0	65302	6	65307	0.0	100.0	0.0
6623	1023	2.77	0.0	2.77	0.0	0	16757	6776	23533	0.0	71.2	28.8	0	62970	18371	81341	0.0	77.4	22.6
JONESBORO WTR & LT PLT																			
32	1011	0.92	0.0	0.92	0.0	0	173	32	205	0.0	84.4	15.6	0	282	29	311	0.0	90.7	9.3
3	1012	1.16	0.0	1.16	0.0	0	90	3	93	0.0	96.8	3.2	0	180	3	183	0.0	98.2	1.8
2	1013	1.51	1.92	1.52	3.1	0	220	2	222	0.0	99.1	0.9	0	437	3	440	0.0	99.3	0.7
113	1014	1.81	0.0	1.81	0.0	0	26	115	141	0.0	18.2	81.8	0	77	205	282	0.0	27.4	72.6
KANSAS CITY POWER & LIGHT																			
6999	950	0.76	0.0	0.76	0.0	101689	3227	6649	111565	91.1	2.9	6.0	51714	7201	5353	64269	80.5	11.2	8.3
8425	950	1.12	0.0	1.12	0.0	131801	6180	8003	145985	90.3	4.2	5.5	76034	16362	9417	101813	74.7	16.1	9.2
6489	950	1.11	0.0	1.11	0.0	111436	5835	6164	123436	90.3	4.7	5.0	80214	15542	7215	102972	77.9	15.1	7.0
7478	950	1.45	0.0	1.45	0.0	128029	2337	7104	137471	93.1	1.7	5.2	104896	8632	10843	124370	84.3	6.9	8.7
KANSAS CITY BD PUB UTILS																			
7368	962	0.75	0.0	0.75	0.0	14022	156	7086	21263	65.9	0.7	33.3	13147	347	5558	19053	69.0	1.8	29.2
9756	971	1.06	0.0	1.06	0.0	13305	440	9469	23215	57.3	1.9	40.8	12791	1150	10352	24293	52.7	4.7	42.6
10521	965	1.12	0.0	1.12	0.0	13119	699	10157	23975	54.7	2.9	42.4	14550	1862	11814	28227	51.5	6.6	41.9
6424	971	1.42	0.0	1.42	0.0	17638	208	6239	24085	73.2	0.9	25.9	21140	1180	9138	31458	67.2	3.8	29.0
KANSAS GAS & ELECTRIC																			
37275	981	0.57	0.0	0.57	0.0	0	10101	36585	46686	0.0	21.6	78.4	0	15289	21062	36351	0.0	42.1	57.9
38969	979	0.94	0.0	0.94	0.0	0	9840	38134	47973	0.0	20.5	79.5	0	18597	36445	55042	0.0	33.8	66.2
38071	966	1.14	0.0	1.14	0.0	0	11385	36777	48162	0.0	23.6	76.4	0	19484	43292	62776	0.0	31.0	69.0
43973	964	1.36	0.0	1.36	0.0	0	6767	42404	49172	0.0	13.8	86.2	0	13339	59902	73241	0.0	18.2	81.8
KENTUCKY POWER (AEP)																			
0	0	0.0	0.0	0.0	0.0	55922	0	0	55922	100.0	0.0	0.0	43965	0	0	43965	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	67260	0	0	67260	100.0	0.0	0.0	63614	0	0	63614	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	55264	0	0	55264	100.0	0.0	0.0	61173	0	0	61173	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	48348	0	0	48348	100.0	0.0	0.0	58628	0	0	58628	100.0	0.0	0.0
KENTUCKY UTILITIES																			
82	1000	1.28	0.0	1.28	0.0	86474	261	82	86817	99.6	0.3	0.1	63772	608	105	64484	98.9	0.9	0.2
95	1000	1.79	0.0	1.79	0.0	93241	566	95	93902	99.3	0.6	0.1	96096	1531	170	97797	98.3	1.6	0.2
17	1000	2.08	0.0	2.08	0.0	92002	223	17	92241	99.7	0.2	0.0	115897	614	35	116546	99.4	0.5	0.0
16	1000	2.31	0.0	2.31	0.0	100171	30	16	100217	100.0	0.0	0.0	127658	106	37	127800	99.9	0.1	0.0
LAKE SUPERIOR DIST POWER																			
330	996	0.78	0.0	0.78	0.0	807	177	329	1313	61.4	13.5	25.0	1084	427	256	1767	61.4	24.1	14.5
259	993	1.09	0.0	1.09	0.0	1437	147	257	1841	78.0	8.0	14.0	1899	384	282	2565	74.0	15.0	11.0
159	988	1.32	0.0	1.32	0.0	1681	0	157	1838	91.5	0.0	8.5	2388	0	209	2597	92.0	0.0	8.0
370	986	1.66	0.0	1.66	0.0	2231	0	365	2596	86.0	0.0	14.0	3450	0	615	4065	84.9	0.0	15.1
LAKE WORTH UTILITIES																			
2304	1024	0.84	0.0	0.84	0.0	0	521	2359	2880	0.0	18.1	81.9	0	1233	1936	3169	0.0	38.9	61.1
2601	1029	1.03	0.0	1.03	0.0	0	495	2676	3171	0.0	15.6	84.4	0	1174	2676	3849	0.0	30.5	69.5
2632	1029	1.25	0.0	1.25	0.0	0	369	2708	3077	0.0	12.0	88.0	0	804	3282	4086	0.0	19.7	80.3
2615	1028	1.75	0.0	1.75	0.0	0	587	2688	3275	0.0	17.9	82.1	0	2528	4574	7102	0.0	35.6	64.4

YEAR	COAL QUAN. DELIV. 1000 TONS	COAL QUAN. DELIV. % ON CONTR	COAL AVERAGE CONTENT BTU/LB	COAL AVERAGE CONTENT SULF WT %	COAL AVERAGE CONTENT ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	COAL AVERAGE PRICE IN $ PER TON CONTR	COAL AVERAGE PRICE IN $ PER TON TOTAL	RESIDUAL OIL #6 QUAN. DELIV. 1000 BBLS	RESIDUAL OIL #6 QUAN. DELIV. % ON CONTR	RESIDUAL OIL #6 AV. CONTENT BTU/GAL	RESIDUAL OIL #6 AV. CONTENT SULF WT %	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL SPOT	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL CONTR	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	FUEL OIL # 2 % OF TOTAL #2+#6	FUEL OIL # 2 BTU CONT/GAL	FUEL OIL # 2 AV. PRICE $/BBL
LAKELAND DEPT OF ELEC WTR UTILS																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1727	100.0	147875	1.40	0.0	11.75	11.75	22	1.3	137429	15.36
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1369	100.0	147445	1.43	0.0	13.68	13.68	10	0.7	137448	14.74
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1328	100.0	147538	1.19	0.0	12.66	12.66	5	0.4	137748	15.84
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1102	100.0	148169	1.28	0.0	19.01	19.01	7	0.6	137072	27.35
LAMAR UTILS BD																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
LANSING BD OF WTR & LT																			
1976	1043	34.5	12200	2.64	11.6	27.48	26.48	27.14	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	1275	88.9	12257	2.34	10.8	30.21	31.70	31.53	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	1058	96.9	12292	1.50	10.0	38.74	39.18	39.17	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	1122	86.4	12717	1.42	8.4	44.21	43.62	43.70	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
LEA COUNTY ELECTRIC COOP																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
LINCOLN ELECTRIC SYSTEM																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	26*	0.0	151268	1.92	10.80	0.0	10.80	103	80.1	137002	12.44
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14*	0.0	152045	2.80	13.15	0.0	13.15	75	83.8	137566	14.64
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3	0.0	150837	0.85	11.86	0.0	11.86	30	90.6	137000	14.51
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6	0.0	154078	1.09	16.53	0.0	16.53	1	17.4	138000	31.88
LOGANSPORT INDIANA ELECTRIC DEPT																			
1976	82	100.0	11494	1.59	7.4	0.0	16.89	16.89	0	0.0	0	0.0	0.0	0.0	0.0	10	100.0	138000	13.58
1977	78	100.0	11435	1.61	7.4	0.0	18.90	18.90	0	0.0	0	0.0	0.0	0.0	0.0	66*	100.0	135442	15.35
1978	82	100.0	11526	1.75	6.0	0.0	28.76	28.76	0	0.0	0	0.0	0.0	0.0	0.0	44	100.0	138000	16.12
1979	68	100.0	11348	1.80	7.9	0.0	32.93	32.93	0	0.0	0	0.0	0.0	0.0	0.0	9	100.0	138000	23.95
LONG ISLAND LIGHTING																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	19864	82.7	148737	1.35	10.69	10.47	10.51	839	4.1	138533	13.32
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	19527	100.0	149151	1.88	0.0	12.38	12.38	918	4.5	137845	15.54
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	20002	94.3	148900	1.68	11.93	11.51	11.53	548	2.7	138206	15.78
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	16708	99.4	149249	1.94	21.88	16.32	16.36	295	1.7	137376	26.18
LOS ANGELES DEPT OF WTR & PWR																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	12159	100.0	145702	0.40	0.0	14.30	14.30	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	17428	100.0	144970	0.28	0.0	15.24	15.24	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9841	100.0	144845	0.20	0.0	15.60	15.60	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14204	100.0	145573	0.22	0.0	19.93	19.93	42	0.3	141911	30.99
LOUISIANA PWR & LT (MSU)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	5014	100.0	149069	0.86	0.0	11.02	11.02	643	11.4	140616	12.87
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6050	100.0	146157	0.97	0.0	11.55	11.55	668	9.9	137692	14.54
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6842	100.0	146119	0.93	0.0	10.97	10.97	1785	20.7	138727	14.84
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4890	100.0	147652	1.11	0.0	15.66	15.66	1299	21.0	139008	15.54
LOUISVILLE GAS & ELECTRIC																			
1976	3439	90.3	10989	3.93	13.9	15.00	13.97	14.07	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	2951	86.6	10943	3.72	14.1	19.34	16.59	16.95	0	0.0	0	0.0	0.0	0.0	0.0	14	100.0	140000	17.26
1978	4413	48.1	10713	3.13	15.5	29.36	20.05	24.88	0	0.0	0	0.0	0.0	0.0	0.0	40	100.0	140000	16.29
1979	3957	79.1	10946	3.46	13.5	22.44	23.65	23.40	0	0.0	0	0.0	0.0	0.0	0.0	36	100.0	140000	27.47
LOWER COLORADO RIVER AUTHORITY																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	27	100.0	140420	13.92
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	71	100.0	140811	14.32
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	1609	100.0	9627	0.37	3.6	0.0	35.55	35.55	0	0.0	0	0.0	0.0	0.0	0.0	75	100.0	141000	23.20
LUBBOCK PWR & LT DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	29	100.0	138000	12.37
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	35	100.0	138000	14.51
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	41	100.0	138000	14.59
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	29	100.0	137514	19.83
MADISON GAS & ELECTRIC																			
1976	119	96.4	11599	4.27	11.2	17.30	24.71	24.44	0	0.0	0	0.0	0.0	0.0	0.0	88	100.0	138000	14.11
1977	198	92.7	11812	3.85	10.6	14.70	28.28	27.29	0	0.0	0	0.0	0.0	0.0	0.0	143	100.0	138000	15.82
1978	194	65.0	11268	2.79	8.9	17.77	34.19	28.44	0	0.0	0	0.0	0.0	0.0	0.0	228	100.0	137999	15.79
1979	199	54.3	12070	3.24	9.5	36.46	37.19	36.86	0	0.0	0	0.0	0.0	0.0	0.0	27	100.0	138000	25.72

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
LAKELAND DEPT OF ELEC WTR UTILS																			
184	1023	0.73	0.0	0.73	0.0	0	10853	189	11041	0.0	98.3	1.7	0	20584	135	20719	0.0	99.3	0.7
3362	1026	1.10	0.0	1.10	0.0	0	8540	3449	11989	0.0	71.2	28.8	0	18885	3688	22573	0.0	83.7	16.3
5149	1030	1.14	1.13	1.14	0.4	0	8256	5301	13557	0.0	60.9	39.1	0	16885	5856	22741	0.0	74.2	25.8
7314	1027	1.55	0.0	1.55	0.0	0	6902	7514	14415	0.0	47.9	52.1	0	21152	11323	32476	0.0	65.1	34.9
LAMAR UTILS BD																			
1331	986	0.62	0.67	0.65	59.5	0	0	1312	1312	0.0	0.0	100.0	0	0	868	868	0.0	0.0	100.0
1239	988	1.09	0.69	0.86	57.8	0	0	1225	1225	0.0	0.0	100.0	0	0	1064	1064	0.0	0.0	100.0
1197	967	1.52	1.07	1.19	74.2	0	0	1158	1158	0.0	0.0	100.0	0	0	1421	1421	0.0	0.0	100.0
1235	957	1.44	1.10	1.22	64.2	0	0	1182	1182	0.0	0.0	100.0	0	0	1510	1510	0.0	0.0	100.0
LANSING BD OF WTR & LT																			
0	0	0.0	0.0	0.0	0.0	25454	0	0	25454	100.0	0.0	0.0	28309	0	0	28309	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	31252	0	0	31252	100.0	0.0	0.0	40201	0	0	40201	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	26011	0	0	26011	100.0	0.0	0.0	41441	0	0	41441	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	28541	0	0	28541	100.0	0.0	0.0	49043	0	0	49043	100.0	0.0	0.0
LEA COUNTY ELECTRIC COOP																			
4173	1097	0.90	0.0	0.90	0.0	0	0	4577	4577	0.0	0.0	100.0	0	0	3757	3757	0.0	0.0	100.0
4130	1107	1.36	0.0	1.36	0.0	0	0	4572	4572	0.0	0.0	100.0	0	0	5633	5633	0.0	0.0	100.0
3208	1070	1.87	0.0	1.87	0.0	0	0	3434	3434	0.0	0.0	100.0	0	0	5989	5989	0.0	0.0	100.0
2393	1111	2.25	0.0	2.25	0.0	0	0	2658	2658	0.0	0.0	100.0	0	0	5384	5384	0.0	0.0	100.0
LINCOLN ELECTRIC SYSTEM																			
213	996	0.94	0.0	0.94	0.0	0	756	212	968	0.0	78.1	21.9	0	1560	200	1760	0.0	88.6	11.4
19	993	1.22	0.0	1.22	0.0	0	526	19	545	0.0	96.5	3.5	0	1290	23	1313	0.0	98.2	1.8
3	987	1.58	0.0	1.58	0.0	0	193	3	196	0.0	98.7	1.3	0	474	4	478	0.0	99.1	0.9
29	991	2.35	0.0	2.35	0.0	0	47	29	77	0.0	61.9	38.1	0	143	69	212	0.0	67.4	32.6
LOGANSPORT INDIANA ELECTRIC DEPT																			
0	0	0.0	0.0	0.0	0.0	1892	58	0	1950	97.0	3.0	0.0	1390	136	0	1527	91.1	8.9	0.0
0	0	0.0	0.0	0.0	0.0	1772	375	0	2148	82.5	17.5	0.0	1465	1013	0	2478	59.1	40.9	0.0
0	0	0.0	0.0	0.0	0.0	1895	253	0	2148	88.2	11.8	0.0	2364	704	0	3069	77.0	23.0	0.0
0	0	0.0	0.0	0.0	0.0	1532	54	0	1586	96.6	3.4	0.0	2223	223	0	2446	90.9	9.1	0.0
LONG ISLAND LIGHTING																			
1149	1027	1.26	0.0	1.26	0.0	0	128971	1179	130150	0.0	99.1	0.9	0	219864	1449	221313	0.0	99.3	0.7
1920	1029	1.52	0.0	1.52	0.0	0	127638	1975	129614	0.0	98.5	1.5	0	256082	2926	259008	0.0	98.9	1.1
7	1030	1.54	0.0	1.54	0.0	0	128270	7	128277	0.0	100.0	0.0	0	239282	11	239292	0.0	100.0	0.0
10806	1030	2.95	0.0	2.95	0.0	0	106435	11135	117570	0.0	90.5	9.5	0	281045	31847	312892	0.0	89.8	10.2
LOS ANGELES DEPT OF WTR & PWR																			
11641	1048	1.27	0.0	1.27	0.0	0	74407	12197	86604	0.0	85.9	14.1	0	173907	14814	188721	0.0	92.2	7.8
20721	1049	1.94	1.65	1.94	0.3	0	106114	21729	127843	0.0	83.0	17.0	0	265657	40198	305855	0.0	86.9	13.1
33463	1054	2.13	0.0	2.13	0.0	0	59868	35254	95122	0.0	62.9	37.1	0	153492	71200	224692	0.0	68.3	31.7
30710	1050	2.49	0.0	2.49	0.0	0	87094	32246	119340	0.0	73.0	27.0	0	284378	76443	360820	0.0	78.8	21.2
LOUISIANA PWR & LT (MSU)																			
171264	1057	0.0	0.42	0.42	100.0	0	35190	181034	216224	0.0	16.3	83.7	0	63531	71494	135025	0.0	47.1	52.9
156353.	1043	0.0	0.39	0.39	100.0	0	41002	163145	204147	0.0	20.1	79.9	0	79582	60937	140519	0.0	56.6	43.4
163540	1044	0.0	0.46	0.46	100.0	0	52392	170784	223176	0.0	23.5	76.5	0	101557	75158	176716	0.0	57.5	42.5
153052	1041	0.0	0.62	0.62	100.0	0	37905	159403	197307	0.0	19.2	80.8	0	96781	95555	192337	0.0	50.3	49.7
LOUISVILLE GAS & ELECTRIC																			
558	1025	0.76	0.0	0.76	0.0	75590	0	572	76162	99.2	0.0	0.8	48392	0	427	48818	99.1	0.0	0.9
579	1025	0.97	0.0	0.97	0.0	64583	83	594	65260	99.0	0.1	0.9	50028	243	563	50834	98.4	0.5	1.1
2144	1025	1.05	0.0	1.05	0.0	94555	235	2198	96988	97.5	0.2	2.3	109797	652	2254	112703	97.4	0.6	2.0
881	1025	1.68	1.57	1.67	8.0	86628	211	903	87743	98.7	0.2	1.0	92580	986	1472	95039	97.4	1.0	1.5
LOWER COLORADO RIVER AUTHORITY																			
30481	1013	0.0	1.89	1.89	100.0	0	162	30867	31029	0.0	0.5	99.5	0	381	57466	57848	0.0	0.7	99.3
28424	1007	0.0	1.98	1.98	100.0	0	418	28620	29038	0.0	1.4	98.6	0	1012	56323	57335	0.0	1.8	98.2
36443	1019	0.0	2.15	2.15	100.0	0	0	37146	37146	0.0	0.0	100.0	0	0	78497	78497	0.0	0.0	100.0
28417	1035	0.0	2.30	2.30	100.0	30981	444	29409	60834	50.9	0.7	48.3	57200	1740	65332	124273	46.0	1.4	52.6
LUBBOCK PWR & LT DEPT																			
6897	1014	1.25	0.0	1.25	0.0	0	169	6995	7164	0.0	2.4	97.6	0	361	8590	8951	0.0	4.0	96.0
7408	1013	1.52	0.0	1.52	0.0	0	203	7502	7705	0.0	2.6	97.4	0	508	11296	11804	0.0	4.3	95.7
7877	1026	1.76	0.0	1.76	0.0	0	237	8085	8322	0.0	2.8	97.2	0	597	13835	14432	0.0	4.1	95.9
7947	1016	2.09	0.0	2.09	0.0	0	166	8071	8238	0.0	2.0	98.0	0	571	16589	17160	0.0	3.3	96.7
MADISON GAS & ELECTRIC																			
3024	1012	1.08	0.0	1.08	0.0	2772	511	3060	6343	43.7	8.1	48.2	2921	1243	3270	7434	39.3	16.7	44.0
568	1010	1.55	0.0	1.55	0.0	4675	828	573	6076	76.9	13.6	9.4	5402	2259	882	8542	63.2	26.4	10.3
526	1004	1.88	0.0	1.88	0.0	4365	1323	528	6216	70.2	21.3	8.5	5509	3604	989	10102	54.5	35.7	9.8
2911	1006	2.15	0.0	2.15	0.0	4813	155	2928	7896	61.0	2.0	37.1	7349	687	6268	14304	51.4	4.8	43.8

YEAR	COAL QUAN. 1000 TONS	COAL DELIV. % ON CONTR	COAL AVERAGE CONTENT BTU/LB	COAL SULF WT %	COAL ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	CONTR	TOTAL	RESIDUAL OIL #6 QUAN. 1000 BBLS	DELIV. % ON CONTR	AV. CONTENT BTU/GAL	SULF WT %	AVERAGE PRICE IN $ PER BBL SPOT	CONTR	TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	% OF TOTAL #2+#6	BTU CONT/GAL	AV. PRICE $/BBL
MANITOWOC PUBLIC UTILITIES																			
1976	140	0.0	12201	1.00	10.0	31.16	0.0	31.16	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	139	0.0	12076	1.00	10.8	34.37	0.0	34.37	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	106	0.0	11871	1.18	12.3	40.88	0.0	40.88	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	58	0.0	11713	1.05	13.0	47.70	0.0	47.70	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
MARQUETTE BD OF LT & PWR																			
1976	88	100.0	12149	3.57	7.0	0.0	26.73	26.73	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	117	100.0	12203	3.54	7.4	0.0	27.32	27.32	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	87	58.4	12138	2.32	7.3	36.92	30.75	33.32	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	128	100.0	12910	1.51	8.5	0.0	38.80	38.80	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
MARSHALL MUN UTIL																			
1976	10	100.0	11000	3.94	12.7	0.0	23.76	23.76	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	19	77.9	11000	3.94	12.5	24.20	24.20	24.20	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	18	100.0	11000	3.94	12.0	0.0	24.42	24.42	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	11	45.5	11000	3.94	12.0	25.52	25.52	25.52	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
MARSHFIELD ELEC & WTR DEPT																			
1976	92	100.0	12210	2.92	8.4	0.0	31.95	31.95	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	87	100.0	11922	2.72	8.8	0.0	33.07	33.07	0	0.0	0	0.0	0.0	0.0	0.0	10	100.0	140000	16.30
1978	63	100.0	11919	3.10	9.9	0.0	38.16	38.16	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	140000	15.99
1979	73	100.0	12048	2.58	8.1	0.0	41.08	41.08	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	140000	17.91
MAUI ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	479	100.0	150760	1.79	0.0	11.00	11.00	213	30.7	137543	15.04
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	508	100.0	149663	1.97	0.0	12.51	12.51	266	34.3	137639	16.69
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	500	100.0	149467	1.27	0.0	13.10	13.10	305	37.9	136767	16.78
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	480	100.0	150045	1.34	0.0	18.05	18.05	246	33.9	139000	24.33
MCPHERSON BD OF PUB UTILS																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	16	0.0	150632	1.00	9.95	0.0	9.95	137	89.4	129205	13.07
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	32	0.0	150654	1.00	12.96	0.0	12.96	156	82.8	129200	15.04
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	35	0.0	150660	1.00	11.32	0.0	11.32	126	78.3	129200	14.73
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	25	0.0	150660	1.00	13.04	0.0	13.04	6	19.2	129067	24.19
MEDINA ELEC COOP																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1*	100.0	144000	0.59	0.0	7.82	7.82	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8*	100.0	144000	0.59	0.0	8.05	8.05	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0*	100.0	144000	0.59	0.0	8.10	8.10	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0*	100.0	144000	0.59	0.0	7.89	7.89	0	0.0	0	0.0
MENASHA ELEC & WTR UTILITIES																			
1976	64	100.0	12488	2.01	8.1	0.0	30.84	30.84	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	55	100.0	12763	2.00	7.7	0.0	33.47	33.47	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	38	100.0	12750	1.87	7.3	0.0	40.58	40.58	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	40	100.0	12461	2.11	8.5	0.0	41.26	41.26	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
METROPOLITAN EDISON (GPU)																			
1976	1490	59.7	12440	1.86	10.9	25.96	28.81	27.66	0	0.0	0	0.0	0.0	0.0	0.0	283	100.0	137429	14.33
1977	1700	43.3	12219	1.89	12.5	27.50	27.34	27.43	0	0.0	0	0.0	0.0	0.0	0.0	517	100.0	137036	16.00
1978	1400	24.4	12403	1.86	11.8	33.28	32.78	33.15	0	0.0	0	0.0	0.0	0.0	0.0	482	100.0	136561	16.14
1979	1358	33.0	12665	1.78	10.5	34.38	34.29	34.35	0	0.0	0	0.0	0.0	0.0	0.0	187	100.0	136356	24.39
MICHIGAN ST UNIVERSITY																			
1976	151	0.0	12753	0.72	8.5	29.05	0.0	29.05	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	169	0.0	12768	0.74	7.6	32.37	0.0	32.37	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	162	58.1	12259	0.78	9.8	37.83	37.96	37.90	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	165	89.3	12479	0.85	9.6	41.07	40.62	40.67	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
MINDEN, CITY OF																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	7	100.0	138000	13.78
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	6	100.0	138000	15.61
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	50	100.0	138000	15.67
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	39	100.0	138000	24.55
MINNESOTA POWER & LIGHT																			
1976	2760	100.0	8506	0.81	9.4	0.0	8.82	8.82	377*	100.0	150900	1.56	0.0	11.13	11.13	5*	1.3	137846	8.40
1977	2696	100.0	8407	0.88	9.5	0.0	11.32	11.32	515	100.0	150779	1.48	0.0	12.12	12.12	4*	0.7	148135	8.40
1978	2461*	100.0	8492	0.97	9.4	22.41	13.28	13.28	469	100.0	150833	1.64	0.0	13.38	13.38	3*	0.7	136213	8.40
1979	2784	100.0	8683	0.90	9.2	0.0	17.68	17.68	407	100.0	151132	1.71	0.0	16.39	16.39	2*	0.4	139008	9.71
MINNKOTA POWER COOP																			
1976	1581	100.0	6423	0.70	7.5	0.0	2.37	2.37	0	0.0	0	0.0	0.0	0.0	0.0	15	100.0	140000	14.27
1977	1530	100.0	6494	0.70	7.5	0.0	3.13	3.13	0	0.0	0	0.0	0.0	0.0	0.0	14	100.0	140000	16.02
1978	3393	100.0	6591	0.70	7.5	0.0	4.71	4.71	0	0.0	0	0.0	0.0	0.0	0.0	36	100.0	140000	16.72
1979	3887	100.0	6722	0.69	7.5	0.0	4.36	4.36	0	0.0	0	0.0	0.0	0.0	0.0	50	100.0	140000	23.16

NATURAL GAS: AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF: IRPT	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS: COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS: COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000: COAL	OIL	GAS	TOTAL	% OF FUEL COST: COAL	OIL	GAS
MANITOWOC PUBLIC UTILITIES																			
0	0	0.0	0.0	0.0	0.0	3418	0	0	3418	100.0	0.0	0.0	4365	0	0	4365	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	3368	0	0	3368	100.0	0.0	0.0	4793	0	0	4793	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2506	0	0	2506	100.0	0.0	0.0	4314	0	0	4314	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1366	0	0	1366	100.0	0.0	0.0	2781	0	0	2781	100.0	0.0	0.0
MARQUETTE BD OF LT & PWR																			
113	1000	0.78	0.0	0.78	0.0	2147	0	113	2260	95.0	0.0	5.0	2362	0	88	2449	96.4	0.0	3.6
0	0	0.0	0.0	0.0	0.0	2851	0	0	2851	100.0	0.0	0.0	3192	0	0	3192	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2105	0	0	2105	100.0	0.0	0.0	2889	0	0	2889	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	3310	0	0	3310	100.0	0.0	0.0	4974	0	0	4974	100.0	0.0	0.0
MARSHALL MUN UTIL																			
765	1000	0.77	0.0	0.77	0.0	220	0	765	985	22.3	0.0	77.7	238	0	588	825	28.8	0.0	71.2
714	1000	1.17	0.0	1.17	0.0	424	0	714	1138	37.2	0.0	62.8	466	0	835	1301	35.8	0.0	64.2
807	1000	1.09	0.0	1.09	0.0	396	0	807	1203	32.9	0.0	67.1	440	0	882	1321	33.3	0.0	66.7
994	1000	1.47	0.0	1.47	0.0	242	0	994	1236	19.6	0.0	80.4	281	0	1465	1746	16.1	0.0	83.9
MARSHFIELD ELEC & WTR DEPT																			
268	1021	1.28	0.0	1.28	0.0	2247	0	274	2520	89.1	0.0	10.9	2939	0	344	3283	89.5	0.0	10.5
266	1022	1.89	1.83	1.88	23.0	2081	58	272	2410	86.3	2.4	11.3	2885	160	500	3545	81.4	4.5	14.1
171	1016	2.02	0.0	2.02	0.0	1511	4	174	1690	89.4	0.2	10.3	2420	11	347	2778	87.1	0.4	12.5
131	1018	2.49	1.59	2.47	1.5	1761	3	133	1897	92.8	0.2	7.0	3003	9	323	3334	90.1	0.3	9.7
MAUI ELECTRIC																			
0	0	0.0	0.0	0.0	0.0	0	4261	0	4261	0.0	100.0	0.0	0	8463	0	8463	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	4731	0	4731	0.0	100.0	0.0	0	10793	0	10793	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	4894	0	4894	0.0	100.0	0.0	0	11679	0	11679	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	4460	0	4460	0.0	100.0	0.0	0	14647	0	14647	0.0	100.0	0.0
MCPHERSON BD OF PUB UTILS																			
1976	950	0.80	0.0	0.80	0.0	0	848	1878	2725	0.0	31.1	68.9	0	1956	1572	3528	0.0	55.4	44.6
1786	950	1.01	0.0	1.01	0.0	0	1051	1697	2747	0.0	38.2	61.8	0	2764	1807	4571	0.0	60.5	39.5
2018	955	1.28	0.0	1.28	0.0	0	905	1926	2832	0.0	32.0	68.0	0	2252	2591	4844	0.0	46.5	53.5
1537	965	1.32	0.0	1.32	0.0	0	193	1483	1676	0.0	11.5	88.5	0	475	2024	2498	0.0	19.0	81.0
MEDINA ELEC COOP																			
5703	1075	0.0	2.01	2.01	100.0	0	9	6131	6140	0.0	0.1	99.9	0	11	11484	11495	0.0	0.1	99.9
4775	1101	0.0	2.26	2.26	100.0	0	51	5257	5308	0.0	1.0	99.0	0	68	10772	10840	0.0	0.6	99.4
3414	1084	0.0	2.31	2.31	100.0	0	0	3700	3700	0.0	0.0	100.0	0	0	7890	7890	0.0	0.0	100.0
2429	1069	0.0	2.44	2.44	100.0	0	1	2597	2599	0.0	0.1	99.9	0	2	5934	5936	0.0	0.0	100.0
MENASHA ELEC & WTR UTILITIES																			
0	0	0.0	0.0	0.0	0.0	1597	0	0	1597	100.0	0.0	0.0	1972	0	0	1972	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1393	0	0	1393	100.0	0.0	0.0	1826	0	0	1826	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	962	0	0	962	100.0	0.0	0.0	1531	0	0	1531	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	988	0	0	988	100.0	0.0	0.0	1636	0	0	1636	100.0	0.0	0.0
METROPOLITAN EDISON (GPU)																			
0	0	0.0	0.0	0.0	0.0	37075	1634	0	38708	95.8	4.2	0.0	41219	4057	0	45275	91.0	9.0	0.0
0	0	0.0	0.0	0.0	0.0	41537	2973	0	44510	93.3	6.7	0.0	46627	8265	0	54893	84.9	15.1	0.0
0	0	0.0	0.0	0.0	0.0	34742	2765	0	37507	92.6	7.4	0.0	46433	7779	0	54212	85.7	14.3	0.0
369	1006	3.22	0.0	3.22	0.0	34398	1069	371	35839	96.0	3.0	1.0	46651	4555	1188	52394	89.0	8.7	2.3
MICHIGAN ST UNIVERSITY																			
195	1000	1.93	2.06	1.95	17.0	3850	0	195	4045	95.2	0.0	4.8	4384	0	381	4766	92.0	0.0	8.0
26	1000	0.0	2.29	2.29	100.0	4327	0	26	4353	99.4	0.0	0.6	5485	0	60	5545	98.9	0.0	1.1
318	1000	2.07	2.39	2.09	5.9	3964	0	318	4282	92.6	0.0	7.4	6128	0	664	6792	90.2	0.0	9.8
110	1000	2.57	2.71	2.61	22.9	4112	0	110	4222	97.4	0.0	2.6	6700	0	287	6987	95.9	0.0	4.1
MINDEN, CITY OF																			
821	1000	1.05	0.0	1.05	0.0	0	39	821	860	0.0	4.6	95.4	0	93	862	955	0.0	9.8	90.2
165	1000	1.70	0.0	1.70	0.0	0	34	165	199	0.0	17.3	82.7	0	93	280	373	0.0	24.9	75.1
96	1000	1.70	0.0	1.70	0.0	0	290	96	386	0.0	75.2	24.8	0	785	163	947	0.0	82.8	17.2
145	1000	2.06	0.0	2.06	0.0	0	229	145	374	0.0	61.3	38.7	0	969	299	1268	0.0	76.4	23.6
MINNESOTA POWER & LIGHT																			
414	1000	1.07	1.11	1.07	5.8	46955	2420	414	49789	94.3	4.9	0.8	24346	4243	442	29031	83.9	14.6	1.5
49	1000	1.56	2.43	1.58	2.2	45337	3286	49	48672	93.1	6.8	0.1	30524	6276	78	36878	82.8	17.0	0.2
20	1000	0.0	1.95	1.95	100.0	41805	2991	20	44815	93.3	6.7	0.0	32695	6304	38	39037	83.8	16.1	0.1
23	1000	2.20	2.81	2.25	8.4	48338	2593	23	50954	94.9	5.1	0.0	49222	6688	51	55961	88.0	12.0	0.1
MINNKOTA POWER COOP																			
0	0	0.0	0.0	0.0	0.0	20306	89	0	20395	99.6	0.4	0.0	3751	216	0	3967	94.6	5.4	0.0
0	0	0.0	0.0	0.0	0.0	19878	83	0	19961	99.6	0.4	0.0	4791	225	0	5016	95.5	4.5	0.0
0	0	0.0	0.0	0.0	0.0	44723	212	0	44936	99.5	0.5	0.0	15979	604	0	16583	96.4	3.6	0.0
0	0	0.0	0.0	0.0	0.0	52252	294	0	52546	99.4	0.6	0.0	16960	1160	0	18120	93.6	6.4	0.0

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE IN $ PER TON			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE IN $ PER BBL			QUAN	% OF	BTU	AV.
YEAR	1000 TONS	% ON CONTR	BTU/ LB	SULF WT %	ASH WT %	SPOT	CONTR	TOTAL	1000 BBLS	% ON CONTR	BTU/ GAL	SULF WT %	SPOT	CONTR	TOTAL	1000 BBLS	TOTAL #2+#6	CONT/ GAL	PRICE $/BBL
MISSISSIPPI POWER (SOUTHERN CO)																			
1976	1508	44.4	11607	1.89	11.3	26.35	20.17	23.61	764	100.0	150045	2.19	0.0	11.38	11.38	1547*	66.9	137264	12.91
1977	1756*	60.7	11555	2.22	12.6	28.30	21.84	24.38	2200	100.0	145737	1.14	0.0	12.63	12.63	1479*	40.2	138428	14.80
1978	1427*	58.0	11920	2.00	11.6	35.75	31.36	33.20	2517	93.6	147832	0.92	11.71	12.57	12.52	1156	31.5	139956	14.56
1979	2120*	77.0	11805	1.64	10.5	33.24	41.48	39.58	178	97.0	147415	1.63	12.15	16.41	16.28	157	46.8	142629	23.07
MISSISSIPPI PWR & LT (MSU)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9507	86.0	150771	2.44	10.45	10.76	10.71	312	3.2	142414	13.28
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	13285	85.0	149241	2.48	11.32	10.88	10.95	48	0.4	139435	14.91
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	14758	87.5	149348	2.47	11.69	10.63	10.76	271	1.8	139117	15.28
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9673	90.8	150023	2.54	14.28	13.66	13.71	43	0.4	140152	18.83
MISSOURI POWER & LIGHT																			
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	24	100.0	140000	15.36
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	140000	29.51
MISSOURI PUBLIC SERVICE																			
1976	930	98.9	11968	3.59	12.2	21.80	11.02	11.14	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	681	98.5	11894	3.67	12.4	22.70	12.02	12.18	0	0.0	0	0.0	0.0	0.0	0.0	50	100.0	138062	14.88
1978	974	76.2	11350	3.60	13.8	24.65	16.62	18.53	0	0.0	0	0.0	0.0	0.0	0.0	141	100.0	137353	14.65
1979	816	100.0	11282	3.34	11.6	0.0	26.39	26.39	0	0.0	0	0.0	0.0	0.0	0.0	25	100.0	138119	40.83
MONONGAHELA POWER (APS)																			
1976	8977	91.9	12278	2.29	12.7	25.13	23.91	24.01	0	0.0	0	0.0	0.0	0.0	0.0	39*	100.0	130358	14.88
1977	9930	88.2	12054	2.14	13.6	23.09	24.41	24.25	0	0.0	0	0.0	0.0	0.0	0.0	46*	100.0	129982	17.06
1978	8754	82.0	12196	2.13	13.2	27.70	28.20	28.11	0	0.0	0	0.0	0.0	0.0	0.0	118*	100.0	133360	17.15
1979	9210	92.2	12421	2.14	11.6	28.99	29.79	29.73	0	0.0	0	0.0	0.0	0.0	0.0	84	100.0	141000	27.03
MONROE, CITY OF																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	34	100.0	137000	13.55
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	10	100.0	137000	15.13
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
MONTANA-DAKOTA UTILITIES																			
1976	840	100.0	6795	0.67	7.7	0.0	6.48	6.48	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	890	100.0	6794	0.61	7.8	0.0	6.86	6.86	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	770	100.0	6784	0.62	7.5	0.0	7.59	7.59	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	788	100.0	6783	0.60	7.6	0.0	8.45	8.45	0	0.0	0	0.0	0.0	0.0	0.0	8	100.0	132000	22.08
MONTAUP ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1517	100.0	144649	0.72	0.0	11.44	11.44	12*	0.8	134366	14.18
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1149	100.0	145230	0.69	0.0	13.25	13.25	10*	0.9	134482	15.13
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1106	100.0	148855	1.62	0.0	11.48	11.48	10*	0.9	132814	18.21
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1531	100.0	148685	2.09	0.0	15.98	15.98	11*	0.7	133730	29.05
MOORHEAD PUB SERV DEPT																			
1976	1	100.0	7100	0.56	7.2	0.0	9.83	9.83	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	140000	15.08
1977	36	100.0	7150	0.56	7.2	0.0	12.15	12.15	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	140000	16.51
1978	137	100.0	7144	0.56	7.2	0.0	11.71	11.71	0	0.0	0	0.0	0.0	0.0	0.0	0	100.0	140000	19.58
1979	162	100.0	7007	0.56	7.6	0.0	12.30	12.30	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	140000	25.09
MUSCATINE PWR & WTR																			
1976	224	100.0	10644	2.93	9.5	0.0	24.58	24.58	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	306	98.0	10909	2.76	8.9	24.59	25.19	25.18	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	246	86.7	10825	2.69	9.2	26.60	28.38	28.14	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	339	71.7	10890	2.77	9.1	27.76	28.42	28.24	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
NEW BEDFORD GAS&ED LT (NEGA)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	313	100.0	147490	0.93	0.0	10.79	10.79	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	172	100.0	146501	0.94	0.0	13.28	13.28	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	176	100.0	147142	0.97	0.0	12.31	12.31	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	132	62.1	148642	0.98	22.60	20.60	21.36	0	0.0	0	0.0
NATCHITOCHES, CITY OF																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	136146	15.08
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	6	100.0	139453	17.08
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	4	100.0	134939	15.96
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	100.0	134980	21.50
NEBRASKA PUBLIC POWER SYS																			
1976	559	66.0	10129	0.45	6.5	21.46	22.33	22.03	178*	0.0	151891	1.05	9.08	0.0	9.08	68	27.8	141664	13.33
1977	806	59.3	10927	0.60	7.5	31.53	23.76	26.92	110	0.0	151900	1.27	10.86	0.0	10.86	73	40.0	141923	15.29
1978	1151	78.6	10071	0.52	6.6	34.25	21.12	23.93	454	0.0	151900	1.24	10.30	0.0	10.30	169	27.1	140918	16.43
1979	1918	84.5	9519	0.47	5.7	38.48	15.44	19.01	74	0.0	151900	1.23	14.48	0.0	14.48	184	71.2	137991	23.77

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPI	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
MISSISSIPPI POWER (SOUTHERN CO)																			
6885	1049	0.0	0.86	0.86	100.0	35004	13739	7220	55963	62.5	24.5	12.9	35603	28679	5904	70186	50.7	40.9	8.4
9052	1056	0.0	1.22	1.22	100.0	40591	22064	9558	72213	56.2	30.6	13.2	42820	49665	11083	103567	41.3	48.0	10.7
8172	1049	0.0	1.23	1.23	100.0	34014	22426	8572	65011	52.3	34.5	13.2	47366	48346	10031	105743	44.8	45.7	9.5
7986	1054	0.0	1.86	1.86	100.0	50044	2044	8419	60507	82.7	3.4	13.9	83899	6522	14893	105314	79.7	6.2	14.1
MISSISSIPPI PWR & LT (MSU)																			
21448	1006	0.89	1.38	1.37	98.8	0	62063	21579	83642	0.0	74.2	25.8	0	105980	29380	135361	0.0	78.3	21.7
25704	1008	0.0	1.37	1.37	100.0	0	83557	25904	109461	0.0	76.3	23.7	0	146159	35312	181471	0.0	80.5	19.5
30840	997	0.0	1.43	1.43	100.0	0	94159	30734	124893	0.0	75.4	24.6	0	162979	43989	206969	0.0	78.7	21.3
48852	1001	0.0	1.73	1.73	100.0	0	61203	48892	110095	0.0	55.6	44.4	0	133475	84472	217947	0.0	61.2	38.8
MISSOURI POWER & LIGHT																			
0	0	0.0	0.0	0.0	0.0	0	144	0	144	0.0	100.0	0.0	0	376	0	376	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	18	0	18	0.0	100.0	0.0	0	89	0	89	0.0	100.0	0.0
MISSOURI PUBLIC SERVICE																			
983	1010	0.79	0.0	0.79	0.0	22261	0	993	23254	95.7	0.0	4.3	10357	0	774	11131	93.0	0.0	7.0
1989	992	1.08	0.0	1.08	0.0	16200	289	1973	18462	87.7	1.6	10.7	8294	742	2138	11174	74.2	6.6	19.1
1261	976	1.17	0.0	1.17	0.0	22113	815	1230	24158	91.5	3.4	5.1	18048	2069	1471	21588	83.6	9.6	6.8
1447	1006	1.44	0.0	1.44	0.0	18416	143	1455	20014	92.0	0.7	7.3	21537	1009	2085	24631	87.4	4.1	8.5
MONONGAHELA POWER (APS)																			
235*	683	0.68	0.0	0.68	0.0	220443	211	161	220815	99.8	0.1	0.1	215503	573	161	216237	99.7	0.3	0.1
16	1000	1.98	1.97	1.97	54.8	239395	249	16	239660	99.9	0.1	0.0	240812	779	31	241623	99.7	0.3	0.0
14	1000	1.75	0.0	1.75	0.0	213541	658	14	214214	99.7	0.3	0.0	246067	2016	24	248108	99.2	0.8	0.0
86	1000	2.77	0.0	2.77	0.0	228794	498	86	229378	99.7	0.2	0.0	273828	2275	237	276340	99.1	0.8	0.1
MONROE, CITY OF																			
5910	1000	0.0	1.42	1.42	100.0	0	194	5910	6105	0.0	3.2	96.8	0	458	8396	8853	0.0	5.2	94.8
5965	1001	0.0	2.05	2.05	100.0	0	59	5969	6027	0.0	1.0	99.0	0	154	12223	12378	0.0	1.2	98.8
441	1000	0.0	2.20	2.20	100.0	0	0	441	441	0.0	0.0	100.0	0	0	971	971	0.0	0.0	100.0
MONTANA-DAKOTA UTILITIES																			
19	979	0.70	0.0	0.70	0.0	11418	0	19	11437	99.8	0.0	0.2	5446	0	13	5459	99.8	0.0	0.2
12	976	0.99	0.0	0.99	0.0	12088	0	11	12100	99.9	0.0	0.1	6104	0	12	6116	99.8	0.0	0.2
22	962	1.06	0.0	1.06	0.0	10452	0	21	10473	99.8	0.0	0.2	5848	0	23	5871	99.6	0.0	0.4
6	984	1.63	0.0	1.63	0.0	10696	42	6	10743	99.6	0.4	0.1	6665	168	9	6842	97.4	2.5	0.1
MONTAUP ELECTRIC																			
0	0	0.0	0.0	0.0	0.0	0	9280	0	9280	0.0	100.0	0.0	0	17510	0	17510	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	7064	0	7064	0.0	100.0	0.0	0	15374	0	15374	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	6973	0	6973	0.0	100.0	0.0	0	12882	0	12882	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	9623	0	9623	0.0	100.0	0.0	0	24798	0	24798	0.0	100.0	0.0
MOORHEAD PUB SERV DEPT																			
0	0	0.0	0.0	0.0	0.0	18	3	0	21	84.4	15.6	0.0	12	8	0	20	59.4	40.6	0.0
0	0	0.0	0.0	0.0	0.0	516	5	0	522	99.0	1.0	0.0	439	15	0	454	96.7	3.3	0.0
0	0	0.0	0.0	0.0	0.0	1950	3	0	1953	99.9	0.1	0.0	1598	8	0	1606	99.5	0.5	0.0
0	0	0.0	0.0	0.0	0.0	2268	7	0	2276	99.7	0.3	0.0	1991	32	0	2022	98.4	1.6	0.0
MUSCATINE PWR & WTR																			
221	1000	0.91	0.0	0.91	0.0	4777	0	221	4998	95.6	0.0	4.4	5514	0	201	5716	96.5	0.0	3.5
53	1000	1.26	0.0	1.26	0.0	6680	0	53	6733	99.2	0.0	0.8	7711	0	66	7777	99.1	0.0	0.9
0	0	0.0	0.0	0.0	0.0	5321	0	0	5321	100.0	0.0	0.0	6916	0	0	6916	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	7391	0	0	7391	100.0	0.0	0.0	9582	0	0	9582	100.0	0.0	0.0
NEW BEDFORD GAS&ED LT (NEGA)																			
347	1000	1.55	0.0	1.55	0.0	0	1939	347	2286	0.0	84.8	15.2	0	3379	538	3916	0.0	86.3	13.7
375	1000	1.80	0.0	1.80	0.0	0	1058	375	1433	0.0	73.8	26.2	0	2284	675	2960	0.0	77.2	22.8
0	0	0.0	0.0	0.0	0.0	0	1088	0	1088	0.0	100.0	0.0	0	2166	0	2166	0.0	100.0	0.0
66	1000	2.57	0.0	2.57	0.0	0	824	66	890	0.0	92.6	7.4	0	2819	169	2989	0.0	94.3	5.7
NATCHITOCHES, CITY OF																			
2264	1012	1.34	0.0	1.34	0.0	0	5	2291	2296	0.0	0.2	99.8	0	13	3042	3056	0.0	0.4	99.6
1596	1002	1.62	0.0	1.62	0.0	0	35	1598	1633	0.0	2.1	97.9	0	101	2588	2689	0.0	3.8	96.2
1209	1017	2.04	0.0	2.04	0.0	0	23	1230	1253	0.0	1.9	98.1	0	66	2464	2529	0.0	2.6	97.4
924	1019	2.31	2.50	2.35	18.0	0	2	941	944	0.0	0.3	99.7	0	9	2168	2177	0.0	0.4	99.6
NEBRASKA PUBLIC POWER SYS																			
5488	1000	0.81	0.0	0.81	0.0	11315	1542	5490	18346	61.7	8.4	29.9	12305	2527	4463	19295	63.8	13.1	23.1
2754	1025	1.03	0.0	1.03	0.0	17623	1139	2823	21585	81.6	5.3	13.1	21713	2317	2850	26880	80.8	8.6	10.6
2558	1039	1.14	0.0	1.14	0.0	23178	3893	2658	29729	78.0	13.1	8.9	27537	7448	2908	37893	72.7	19.7	7.7
1785	1033	1.47	0.0	1.47	0.0	36515	1540	1844	39899	91.5	3.9	4.6	36458	5450	2628	44536	81.9	12.2	5.9

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE			QUAN	% OF	BTU	AV.
YEAR	1000 TONS	% ON CONTR	BTU/ LB	SULF WT.%	ASH WT.%	IN $ PER TON SPOT	CONTR	TOTAL	1000 BBLS	% ON CONTR	BTU/ GAL	SULF WT.%	IN $ PER BBL SPOT	CONTR	TOTAL	1000 BBLS	TOTAL #2+#6	CONT/ GAL	PRICE $/BBL
NEVADA POWER																			
1976	820	100.0	11963	0.54	7.8	0.0	24.22	24.22	146	100.0	147295	0.75	0.0	12.85	12.85	48	24.7	139323	13.31
1977	828	100.0	12056	0.60	9.0	0.0	26.23	26.23	62	100.0	142100	0.50	0.0	14.34	14.34	52	46.0	139320	14.77
1978	1011	100.0	11443	0.60	8.9	0.0	28.52	28.52	6	100.0	142100	0.50	0.0	13.46	13.46	35	86.1	139320	15.04
1979	1108	79.1	11521	0.59	11.2	32.61	34.25	33.91	86	0.0	146421	0.60	18.08	0.0	18.08	81	48.5	138405	28.86
NEW ENGLAND POWER (NEES)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	17756	81.3	147214	1.22	10.91	10.77	10.79	33	0.2	137719	13.69
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	18096	85.8	147546	1.03	12.28	12.75	12.68	61	0.3	136807	15.54
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	20198	81.7	148985	1.82	11.26	11.35	11.33	200	1.0	137780	16.07
1979	2	100.0	13502	2.63	9.5	0.0	62.78	62.78	18410	87.5	149268	2.07	12.66	16.28	15.83	10	0.1	137144	23.09
NEW MEXICO ELECTRIC SERVICE																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
NEW ORLEANS PUB SERV (MSU)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2927	4.0	149045	1.03	10.98	10.32	10.95	1	0.0	138817	12.70
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3827	0.0	147642	1.41	11.28	0.0	11.28	4	0.1	139707	14.35
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4265*	0.0	148216	1.34	10.90	0.0	10.90	8	0.2	138836	14.53
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1756*	0.0	148175	1.35	13.77	0.0	13.77	2	0.1	138031	24.48
NEW YORK ST ELEC & GAS																			
1976	2091	73.5	11172	1.55	19.4	21.17	21.06	21.09	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	2609	63.8	11083	1.66	19.8	21.15	22.71	22.14	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	2411	48.6	11105	1.54	19.6	26.15	23.33	24.78	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	2405	62.2	11483	1.62	17.9	28.10	27.94	28.00	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
NIAGRA-MOHAWK POWER																			
1976	2827	66.0	12860	2.09	9.0	28.90	32.86	31.51	8097	100.0	149214	2.47	0.0	11.66	11.66	78*	1.0	136737	15.04
1977	2835	48.8	12813	1.83	9.0	31.67	35.00	33.30	11113	100.0	149110	2.42	0.0	13.30	13.30	143*	1.3	136496	15.59
1978	2681	60.7	12742	1.71	9.9	34.73	36.80	35.99	9814	100.0	149002	2.37	0.0	12.52	12.52	25*	0.3	136660	16.60
1979	3009	59.9	12782	1.83	9.4	35.78	38.80	37.59	9062	90.9	148775	2.22	24.69	18.04	18.64	5	0.1	137500	28.43
NORTHERN INDIANA PUBLIC SERVICE																			
1976	3816	96.5	10584	2.40	12.0	18.18	17.25	17.28	0	0.0	0	0.0	0.0	0.0	0.0	123	100.0	139000	13.43
1977	4927	100.0	10581	1.86	11.5	0.0	22.39	22.39	0	0.0	0	0.0	0.0	0.0	0.0	332	100.0	139191	15.77
1978	4751	100.0	10721	1.67	11.3	0.0	30.18	30.18	0	0.0	0	0.0	0.0	0.0	0.0	300	100.0	139000	16.06
1979	5345	99.2	10881	1.93	10.6	30.44	33.98	33.95	0	0.0	0	0.0	0.0	0.0	0.0	434	100.0	139876	24.15
NORTHERN MICHIGAN ELECTRIC COOP																			
1976	113	84.0	12590	1.60	7.8	28.46	33.03	32.30	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	131	100.0	12467	1.63	7.6	0.0	33.67	33.67	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	120	93.2	12348	2.02	8.2	39.57	38.35	38.43	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	106	100.0	12414	1.68	7.6	0.0	42.05	42.05	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
NORTHERN STATES POWER																			
1976	6678*	94.3	9213	1.49	10.1	17.40	12.49	12.77	140	0.0	150936	0.90	10.72	0.0	10.72	681	82.9	139064	13.24
1977	8030*	96.2	9066	1.21	9.8	18.00	12.57	12.77	79	0.0	151000	0.90	11.64	0.0	11.64	1082	93.2	138925	15.14
1978	7915*	96.3	8961	1.00	9.3	21.84	13.35	13.67	70	0.0	150343	0.89	12.78	0.0	12.78	855*	92.4	139567	15.42
1979	8932*	98.8	8938	0.95	9.3	24.16	16.97	17.06	37	0.0	151000	0.90	14.07	0.0	14.07	337	90.0	139789	27.46
OHIO EDISON																			
1976	7761	69.8	11355	3.08	14.7	19.94	20.68	20.46	0	0.0	0	0.0	0.0	0.0	0.0	1076	100.0	137513	15.09
1977	7370	51.7	11290	3.11	15.3	20.91	21.43	21.18	0	0.0	0	0.0	0.0	0.0	0.0	1150	100.0	137203	16.97
1978	6327	41.6	11521	3.00	14.3	25.93	26.47	26.16	0	0.0	0	0.0	0.0	0.0	0.0	1577	100.0	136749	17.68
1979	7106	33.5	12057	2.77	11.7	30.20	29.65	30.01	0	0.0	0	0.0	0.0	0.0	0.0	527*	100.0	138165	25.28
OHIO ELEC CO (AEP)																			
1976	7884	76.6	9931	2.38	14.8	15.90	22.72	21.12	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	7920	87.7	9405	1.82	12.7	16.04	22.96	22.11	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	7947	86.0	9146	1.84	12.1	21.76	31.54	30.17	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	9163	89.6	9268	2.40	14.7	21.88	31.44	30.44	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
OHIO POWER (AEP)																			
1976	9197	95.7	10952	3.89	17.9	16.54	17.21	17.18	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	9771*	77.1	10974	3.93	17.6	17.15	20.61	19.82	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	7584	90.5	11120	3.90	16.9	21.36	24.44	24.15	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	9074	95.9	11316	4.28	16.3	20.80	25.02	24.85	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
OHIO VALLEY ELECTRIC COOP																			
1976	3183	51.0	11107	4.28	15.0	17.36	11.18	14.20	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	3519	42.0	10973	4.03	15.4	16.29	12.66	14.77	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	2955	43.4	10985	3.94	15.0	19.58	18.50	19.11	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	3159	56.9	11188	3.83	14.2	19.28	27.08	23.71	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
								NEVADA POWER											
7480	1081	0.0	1.13	1.13	100.0	19632	1185	8088	28905	67.9	4.1	28.0	19869	2518	8439	30826	64.5	8.2	27.4
9164	1080	0.0	1.51	1.51	100.0	19975	674	9896	30546	65.4	2.2	32.4	21731	1657	13820	37209	58.4	4.5	37.1
15413	1082	0.0	1.59	1.59	100.0	23130	241	16681	40051	57.8	0.6	41.6	28821	608	24497	53925	53.4	1.1	45.4
19950	1080	0.0	2.17	2.17	100.0	25520	1002	21545	48068	53.1	2.1	44.8	37557	3900	43231	84688	44.3	4.6	51.0
								NEW ENGLAND POWER (NEES)											
0	0	0.0	0.0	0.0	0.0	0	109978	0	109978	0.0	100.0	0.0	0	192090	0	192090	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	112489	0	112489	0.0	100.0	0.0	0	230392	0	230392	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	127543	0	127543	0.0	100.0	0.0	0	232076	0	232076	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	54	115473	0	115527	0.0	100.0	0.0	126	291599	0	291725	0.0	100.0	0.0
								NEW MEXICO ELECTRIC SERVICE											
6538	1055	0.98	0.0	0.98	0.0	0	0	6897	6897	0.0	0.0	100.0	0	0	6382	6382	0.0	0.0	100.0
7598	1049	1.41	0.0	1.41	0.0	0	0	7971	7971	0.0	0.0	100.0	0	0	10730	10730	0.0	0.0	100.0
6853	1059	1.77	0.0	1.77	0.0	0	0	7259	7259	0.0	0.0	100.0	0	0	12133	12133	0.0	0.0	100.0
7187	1030	2.28	0.0	2.28	0.0	0	0	7406	7406	0.0	0.0	100.0	0	0	16378	16378	0.0	0.0	100.0
								NEW ORLEANS PUB SERV (MSU)											
8597	1073	0.95	1.45	1.39	89.1	0	18328	9225	27553	0.0	66.5	33.5	0	32075	11982	44056	0.0	72.8	27.2
16442	1071	1.73	1.82	1.81	87.2	0	23754	17605	41359	0.0	57.4	42.6	0	43240	29735	72975	0.0	59.3	40.7
19283	1060	1.49	1.86	1.72	62.1	0	26601	20432	47034	0.0	56.6	43.4	0	46611	33134	79745	0.0	58.5	41.5
34844	1049	2.34	2.54	2.49	76.4	0	10938	36561	47499	0.0	23.0	77.0	0	24225	86788	111012	0.0	21.8	78.2
								NEW YORK ST ELEC & GAS											
0	0	0.0	0.0	0.0	0.0	46720	0	0	46720	100.0	0.0	0.0	44095	0	0	44095	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	57839	0	0	57839	100.0	0.0	0.0	57778	0	0	57778	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	53553	0	0	53553	100.0	0.0	0.0	59748	0	0	59748	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	55236	0	0	55236	100.0	0.0	0.0	67354	0	0	67354	100.0	0.0	0.0
								NIAGRA-MOHAWK POWER											
0	0	0.0	0.0	0.0	0.0	72708	51192	0	123899	58.7	41.3	0.0	89079	95618	0	184697	48.2	51.8	0.0
0	0	0.0	0.0	0.0	0.0	72647	70416	0	143064	50.8	49.2	0.0	94393	150034	0	244426	38.6	61.4	0.0
0	0	0.0	0.0	0.0	0.0	68322	61560	0	129883	52.6	47.4	0.0	96482	123331	0	219813	43.9	56.1	0.0
0	0	0.0	0.0	0.0	0.0	76923	56652	0	133575	57.6	42.4	0.0	113107	169036	0	282143	40.1	59.9	0.0
								NORTHERN INDIANA PUBLIC SERVICE											
2128	1000	1.14	1.15	1.15	94.6	80778	717	2128	83622	96.6	0.9	2.5	65945	1649	2447	70041	94.2	2.4	3.5
295	1000	1.60	1.54	1.54	97.4	104265	1939	295	106499	97.9	1.8	0.3	110332	5231	455	116018	95.1	4.5	0.4
2689	1000	0.0	1.66	1.66	100.0	101862	1753	2688	106303	95.8	1.6	2.5	143384	4823	4454	152660	93.9	3.2	2.9
2029	1000	0.0	2.26	2.26	100.0	116323	2550	2029	120902	96.2	2.1	1.7	181496	10483	4595	196574	92.3	5.3	2.3
								NORTHERN MICHIGAN ELECTRIC COOP											
0	0	0.0	0.0	0.0	0.0	2849	0	0	2849	100.0	0.0	0.0	3655	0	0	3655	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	3278	0	0	3278	100.0	0.0	0.0	4426	0	0	4426	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2970	0	0	2970	100.0	0.0	0.0	4622	0	0	4622	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2625	0	0	2625	100.0	0.0	0.0	4446	0	0	4446	100.0	0.0	0.0
								NORTHERN STATES POWER											
5598*	952	0.77	0.28	0.77	1.3	123044	4863	5328	133236	92.4	3.7	4.0	85268	10512	4298	100078	85.2	10.5	4.3
468*	801	1.10	0.26	0.78	38.2	145602	6814	375	152791	95.3	4.5	0.2	102563	17300	364	120227	85.3	14.4	0.3
81*	692	1.67	0.26	0.85	58.0	141847	5454	56	147357	96.3	3.7	0.0	108168	14083	69	122320	88.4	11.5	0.1
497	987	1.84	0.0	1.84	0.0	159663	2215	491	162369	98.3	1.4	0.3	152387	9774	916	163076	93.4	6.0	0.6
								OHIO EDISON											
0	0	0.0	0.0	0.0	0.0	176254	6213	0	182468	96.6	3.4	0.0	158763	16235	0	174998	90.7	9.3	0.0
0	0	0.0	0.0	0.0	0.0	166410	6625	0	173035	96.2	3.8	0.0	156092	19506	0	175599	88.9	11.1	0.0
0	0	0.0	0.0	0.0	0.0	145791	9056	0	154847	94.2	5.8	0.0	165492	27878	0	193370	85.6	14.4	0.0
0	0	0.0	0.0	0.0	0.0	171362	3059	0	174420	98.2	1.8	0.0	213286	13327	0	226613	94.1	5.9	0.0
								OHIO ELEC CO (AEP)											
0	0	0.0	0.0	0.0	0.0	156596	0	0	156596	100.0	0.0	0.0	166552	0	0	166552	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	148980	0	0	148980	100.0	0.0	0.0	175100	0	0	175100	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	145362	0	0	145362	100.0	0.0	0.0	239758	0	0	239758	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	169856	0	0	169856	100.0	0.0	0.0	278932	0	0	278932	100.0	0.0	0.0
								OHIO POWER (AEP)											
0	0	0.0	0.0	0.0	0.0	201446	0	0	201446	100.0	0.0	0.0	158030	0	0	158030	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	214464	0	0	214464	100.0	0.0	0.0	193666	0	0	193666	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	168657	0	0	168657	100.0	0.0	0.0	183137	0	0	183137	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	205356	0	0	205356	100.0	0.0	0.0	225504	0	0	225504	100.0	0.0	0.0
								OHIO VALLEY ELECTRIC COOP											
0	0	0.0	0.0	0.0	0.0	70708	0	0	70708	100.0	0.0	0.0	45210	0	0	45210	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	77230	0	0	77230	100.0	0.0	0.0	51971	0	0	51971	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	64924	0	0	64924	100.0	0.0	0.0	56467	0	0	56467	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	70688	0	0	70688	100.0	0.0	0.0	74906	0	0	74906	100.0	0.0	0.0

YEAR	COAL QUAN. 1000 TONS	COAL DELIV. % ON CONTR	COAL AVERAGE CONTENT BTU/LB	COAL SULF WT %	COAL ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	COAL CONTR	COAL TOTAL	RESIDUAL OIL #6 QUAN. 1000 BBLS	RESID. DELIV. % ON CONTR	RESID. AV. CONTENT BTU/GAL	RESID. SULF WT %	RESID. AVERAGE PRICE IN $ PER BBL SPOT	RESID. CONTR	RESID. TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	FUEL OIL # 2 % OF TOTAL #2+#6	FUEL OIL # 2 BTU CONT/GAL	FUEL OIL # 2 AV. PRICE $/BBL
OKLAHOMA GAS & ELECTRIC																			
1976	599	100.0	8274	0.39	5.4	0.0	16.18	16.18	31	0.0	147735	0.87	9.46	0.0	9.46	6*	17.4	155481	7.97
1977	1920	100.0	8401	0.36	5.4	0.0	18.07	18.07	0	0.0	0	0.0	0.0	0.0	0.0	3*	100.0	155481	8.21
1978	2065	100.0	8540	0.36	5.3	0.0	18.19	18.19	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	3418	100.0	8714	0.38	5.0	0.0	19.10	19.10	38	0.0	148141	1.87	13.90	0.0	13.90	58	60.1	137541	31.03
OMAHA PUBLIC POWER DISTRICT																			
1976	1097	58.5	10470	0.73	9.3	21.03	14.77	17.37	0	0.0	0	0.0	0.0	0.0	0.0	83	100.0	138145	13.91
1977	1280	54.9	10413	0.74	9.1	22.66	16.29	19.16	0	0.0	0	0.0	0.0	0.0	0.0	86	100.0	138149	15.26
1978	1378	47.2	10374	0.93	10.0	24.75	17.93	21.53	0	0.0	0	0.0	0.0	0.0	0.0	135	100.0	138150	16.08
1979	2021	64.6	9507	0.67	8.9	27.05	20.22	22.63	0	0.0	0	0.0	0.0	0.0	0.0	100	100.0	138019	34.61
OPELOUSAS MUNI ELEC DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
ORANGE & ROCKLAND UTILITIES																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9985	99.4	144727	0.32	12.18	12.42	12.42	5*	0.0	126581	15.54
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10777	95.2	145128	0.30	13.75	14.14	14.12	17*	0.2	126045	16.00
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9387	84.7	145503	0.30	13.08	13.39	13.34	6*	0.1	126277	17.67
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6822	96.9	145853	0.31	14.89	20.72	20.54	4*	0.1	125551	29.82
ORLANDO UTILITIES COMM																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3938	100.0	148892	1.66	0.0	11.36	11.36	30*	0.8	127430	13.79
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2930	100.0	149375	1.71	0.0	13.47	13.47	9*	0.3	121672	15.07
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3284	100.0	150043	1.63	0.0	12.24	12.24	14*	0.4	135352	16.76
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3035	100.0	150044	1.82	0.0	17.54	17.54	3*	0.1	126403	21.63
ORRVILLE MUNICIPAL UTILITIES																			
1976	106	100.0	11500	3.50	9.5	0.0	18.40	18.40	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	117	100.0	11500	3.50	9.5	0.0	18.40	18.40	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	99	100.0	11500	3.50	9.5	0.0	18.40	18.40	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	109	100.0	11500	3.50	9.5	0.0	18.40	18.40	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
OTTER TAIL POWER																			
1976	3129	100.0	6351	0.79	6.9	0.0	6.98	6.98	0	0.0	0	0.0	0.0	0.0	0.0	21	100.0	140000	15.10
1977	2949	100.0	6345	0.80	7.5	0.0	7.43	7.43	0	0.0	0	0.0	0.0	0.0	0.0	26	100.0	140000	17.88
1978	3521	100.0	6270	0.78	7.2	0.0	7.95	7.95	0	0.0	0	0.0	0.0	0.0	0.0	19	100.0	138339	17.87
1979	2997	100.0	6309	0.69	7.3	0.0	8.79	8.79	0	0.0	0	0.0	0.0	0.0	0.0	36	100.0	138000	27.43
OWATONNA PUBLIC UTILITIES																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	143	100.0	150000	3.50	0.0	10.20	10.20	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	200	100.0	150000	1.73	0.0	12.41	12.41	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	227	100.0	151054	1.55	0.0	11.92	11.92	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	103	100.0	151010	1.42	0.0	14.90	14.90	0	0.0	0	0.0
OWENSBORO MUNICIPAL UTILITIES																			
1976	1126	100.0	10323	3.61	13.2	0.0	15.86	15.86	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	1200	100.0	10473	2.89	12.9	0.0	16.15	16.15	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	967	100.0	10654	2.93	11.9	0.0	22.29	22.29	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	984	100.0	11113	2.88	9.6	0.0	27.92	27.92	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
PACIFIC GAS & ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	27250	100.0	146828	0.47	0.0	14.05	14.05	280*	1.0	133676	14.45
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	37359*	100.0	146663	0.45	0.0	14.35	14.35	599*	1.6	138459	15.08
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	21649*	100.0	148310	0.44	0.0	15.57	15.57	216	1.0	140839	15.73
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	25332*	100.0	147488	0.49	0.0	19.53	19.53	912*	3.5	138296	22.10
PACIFIC POWER & LIGHT																			
1976	9748	100.0	8380	0.54	12.5	0.0	7.16	7.16	0	0.0	0	0.0	0.0	0.0	0.0	102	100.0	136722	12.74
1977	12718	98.0	8410	0.55	12.8	2.94	7.29	7.20	0	0.0	0	0.0	0.0	0.0	0.0	51	100.0	132900	14.19
1978	13152	100.0	8390	0.67	12.5	0.0	7.97	7.97	0	0.0	0	0.0	0.0	0.0	0.0	25	100.0	132928	14.12
1979	15362	98.0	8405	0.62	12.1	5.29	9.26	9.18	0	0.0	0	0.0	0.0	0.0	0.0	20	100.0	134225	18.57
PAINESVILLE ELECTRIC LT DEPT																			
1976	86	100.0	12416	2.92	8.3	0.0	22.44	22.44	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	83	100.0	12375	2.95	9.4	0.0	22.18	22.18	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	60	100.0	12131	2.63	10.3	0.0	27.41	27.41	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	78	100.0	12537	2.15	8.5	0.0	30.97	30.97	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
PASADENA WTR & PWR DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	522*	0.0	150000	0.42	14.83	0.0	14.83	24*	4.4	138800	12.67
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1115*	0.0	150000	0.50	15.91	0.0	15.91	20*	1.8	138800	14.94
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	397	23.8	146871	0.45	15.71	15.79	15.73	40*	9.1	138810	15.07
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	896	100.0	147380	0.25	0.0	21.11	21.11	0	0.0	0	0.0

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IBPT	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
OKLAHOMA GAS & ELECTRIC																			
166682	1037	1.19	1.04	1.05	99.4	9909	233	172772	182913	5.4	0.1	94.5	9690	342	174209	184241	5.3	0.2	94.6
168214	1037	1.50	1.28	1.29	99.3	32254	21	174437	206712	15.6	0.0	84.4	34694	26	216206	250927	13.8	0.0	86.2
170845	1037	1.66	1.45	1.45	99.1	35270	0	177166	212436	16.6	0.0	83.4	37554	0	247590	285144	13.2	0.0	86.8
165882	1037	1.94	1.55	1.56	99.5	59563	574	172020	232156	25.7	0.2	74.1	65296	2332	257962	325590	20.1	0.7	79.2
OMAHA PUBLIC POWER DISTRICT																			
1968	984	0.86	0.0	0.86	0.0	22970	481	1938	25389	90.5	1.9	7.6	19049	1153	1694	21895	87.0	5.3	7.7
92	991	1.23	0.0	1.23	0.0	26650	498	91	27239	97.8	1.8	0.3	24518	1310	113	25940	94.5	5.0	0.4
129	988	1.46	0.0	1.46	0.0	28584	783	127	29494	96.9	2.7	0.4	29665	2171	188	32024	92.6	6.8	0.6
205	987	1.84	0.0	1.84	0.0	38420	581	202	39203	98.0	1.5	0.5	45728	3468	376	49572	92.2	7.0	0.8
OPELOUSAS MUNI ELEC DEPT																			
1228	1000	1.24	0.0	1.24	0.0	0	0	1228	1228	0.0	0.0	100.0	0	0	1520	1520	0.0	0.0	100.0
1467	1000	1.94	0.0	1.94	0.0	0	0	1467	1467	0.0	0.0	100.0	0	0	2851	2851	0.0	0.0	100.0
947	1000	2.33	0.0	2.33	0.0	0	0	947	947	0.0	0.0	100.0	0	0	2207	2207	0.0	0.0	100.0
632	1000	2.87	0.0	2.87	0.0	0	0	632	632	0.0	0.0	100.0	0	0	1815	1815	0.0	0.0	100.0
ORANGE & ROCKLAND UTILITIES																			
1973	1027	1.04	0.0	1.04	0.0	0	60721	2025	62746	0.0	96.8	3.2	0	124089	2049	126139	0.0	98.4	1.6
1027	1026	1.44	0.0	1.44	0.0	0	65778	1054	66833	0.0	98.4	1.6	0	152413	1475	153888	0.0	99.0	1.0
120	1032	1.65	0.0	1.65	0.0	0	57398	124	57522	0.0	99.8	0.2	0	125370	198	125568	0.0	99.8	0.2
11803	1030	2.06	0.0	2.06	0.0	0	41814	12154	53968	0.0	77.5	22.5	0	140284	24324	164608	0.0	85.2	14.8
ORLANDO UTILITIES COMM																			
985	1025	0.71	0.0	0.71	0.0	0	24788	1010	25797	0.0	96.1	3.9	0	45157	700	45857	0.0	98.5	1.5
5483	1026	0.99	0.0	0.99	0.0	0	18425	5624	24049	0.0	76.6	23.4	0	39600	5441	45041	0.0	87.9	12.1
8486	1029	1.10	0.0	1.10	0.0	0	20772	8734	29506	0.0	70.4	29.6	0	40441	9366	49806	0.0	81.2	18.8
13483	1028	1.55	0.0	1.55	0.0	0	19143	13863	33006	0.0	58.0	42.0	0	53313	20919	74232	0.0	71.8	28.2
ORRVILLE MUNICIPAL UTILITIES																			
0	0	0.0	0.0	0.0	0.0	2436	0	0	2436	100.0	0.0	0.0	1949	0	0	1949	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2698	0	0	2698	100.0	0.0	0.0	2158	0	0	2158	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2277	0	0	2277	100.0	0.0	0.0	1822	0	0	1822	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2507	0	0	2507	100.0	0.0	0.0	2006	0	0	2006	100.0	0.0	0.0
OTTER TAIL POWER																			
0	0	0.0	0.0	0.0	0.0	39745	123	0	39869	99.7	0.3	0.0	21853	317	0	22170	98.6	1.4	0.0
0	0	0.0	0.0	0.0	0.0	37431	152	0	37583	99.6	0.4	0.0	21913	463	0	22376	97.9	2.1	0.0
0	0	0.0	0.0	0.0	0.0	44150	113	0	44263	99.7	0.3	0.0	27975	348	0	28323	98.8	1.2	0.0
0	0	0.0	0.0	0.0	0.0	37814	209	0	38023	99.5	0.5	0.0	26330	988	0	27318	96.4	3.6	0.0
OWATONNA PUBLIC UTILITIES																			
737	1000	0.80	0.0	0.80	0.0	0	901	737	1638	0.0	55.0	45.0	0	1460	590	2050	0.0	71.2	28.8
322	1000	1.07	0.0	1.07	0.0	0	1263	322	1585	0.0	79.7	20.3	0	2487	345	2831	0.0	87.8	12.2
0	0	0.0	0.0	0.0	0.0	0	1437	0	1437	0.0	100.0	0.0	0	2699	0	2699	0.0	100.0	0.0
1105	999	1.67	0.0	1.67	0.0	0	653	1104	1756	0.0	37.2	62.8	0	1534	1846	3379	0.0	45.4	54.6
OWENSBORO MUNICIPAL UTILITIES																			
0	0	0.0	0.0	0.0	0.0	23248	0	0	23248	100.0	0.0	0.0	17858	0	0	17858	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	25146	0	0	25146	100.0	0.0	0.0	19385	0	0	19385	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	20604	0	0	20604	100.0	0.0	0.0	21555	0	0	21555	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	21870	0	0	21870	100.0	0.0	0.0	27473	0	0	27473	100.0	0.0	0.0
PACIFIC GAS & ELECTRIC																			
203971	1067	1.79	0.0	1.79	0.0	0	169618	217546	387164	0.0	43.8	56.2	0	386941	364385	751325	0.0	51.5	48.5
230150*	1065	2.34	0.0	2.34	0.0	0	233609	245198	478807	0.0	48.8	51.2	0	545158	538887	1084045	0.0	50.3	49.7
132136*	1065	2.44	0.0	2.44	0.0	0	136133	140749	276883	0.0	49.2	50.8	0	340522	322108	662630	0.0	51.4	48.6
226556*	1060	2.60	0.0	2.60	0.0	0	162217	240054	402271	0.0	40.3	59.7	0	514790	589821	1104610	0.0	46.6	53.4
PACIFIC POWER & LIGHT																			
790	1035	1.70	0.0	1.70	0.0	163372	586	818	164776	99.1	0.4	0.5	69771	1301	1344	72417	96.3	1.8	1.9
895	1043	2.02	0.0	2.02	0.0	213916	282	933	215132	99.4	0.1	0.4	91596	718	1805	94119	97.3	0.8	1.9
1135	1047	2.38	0.0	2.38	0.0	220697	142	1188	222027	99.4	0.1	0.5	104778	359	2705	107842	97.2	0.3	2.5
861	1047	3.05	0.0	3.05	0.0	258226	115	902	259243	99.6	0.0	0.3	141047	378	2626	144051	97.9	0.3	1.8
PAINESVILLE ELECTRIC LT DEPT																			
0	0	0.0	0.0	0.0	0.0	2131	0	0	2131	100.0	0.0	0.0	1925	0	0	1925	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2054	0	0	2054	100.0	0.0	0.0	1841	0	0	1841	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1456	0	0	1456	100.0	0.0	0.0	1645	0	0	1645	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1961	0	0	1961	100.0	0.0	0.0	2422	0	0	2422	100.0	0.0	0.0
PASADENA WTR & PWR DEPT																			
759	1051	1.25	0.0	1.25	0.0	0	3430	798	4229	0.0	81.1	18.9	0	8051	950	9001	0.0	89.4	10.6
1347	1054	1.88	0.0	1.88	0.0	0	7141	1420	8561	0.0	83.4	16.6	0	18040	2526	20566	0.0	87.7	12.3
2016	1057	2.12	0.0	2.12	0.0	0	2680	2131	4811	0.0	55.7	44.3	0	6842	4277	11119	0.0	61.5	38.5
1941	1047	2.62	0.0	2.62	0.0	0	5544	2033	7577	0.0	73.2	26.8	0	18908	5093	24001	0.0	78.8	21.2

YEAR	COAL QUAN. DELIV. 1000 TONS	COAL QUAN. DELIV. % ON CONTR	COAL AVERAGE CONTENT BTU/ LB	COAL AVERAGE CONTENT SULF WT %	COAL AVERAGE CONTENT ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	COAL AVERAGE PRICE IN $ PER TON CONTR	COAL AVERAGE PRICE IN $ PER TON TOTAL	RESIDUAL OIL #6 QUAN. DELIV. 1000 BBLS	RESIDUAL OIL #6 QUAN. DELIV. % ON CONTR	RESIDUAL OIL #6 AV. CONTENT BTU/ GAL	RESIDUAL OIL #6 AV. CONTENT SULF WT %	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL SPOT	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL CONTR	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	FUEL OIL # 2 % OF TOTAL #2+#6	FUEL OIL # 2 BTU CONT/ GAL	FUEL OIL # 2 AV. PRICE $/BBL
PELLA MUNICIPAL POWER & LIGHT																			
1976	91	0.0	9396	3.87	15.6	13.87	0.0	13.87	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	140000	13.59
1977	101	0.0	9261	4.40	16.3	13.65	0.0	13.65	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	140000	16.11
1978	102	0.0	9298	4.32	16.0	18.14	0.0	18.14	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	140000	16.82
1979	101	0.0	10029	3.16	12.2	24.40	0.0	24.40	0	0.0	0	0.0	0.0	0.0	0.0	167	100.0	140000	29.95
PENNSYLVANIA ELECTRIC (GPU)																			
1976	13212	95.8	11861	2.17	17.7	20.48	22.93	22.83	0	0.0	0	0.0	0.0	0.0	0.0	588	100.0	138794	15.31
1977	12116	89.5	11901	2.18	17.6	21.60	25.85	25.40	0	0.0	0	0.0	0.0	0.0	0.0	628	100.0	138739	17.34
1978	11386	80.9	11936	2.04	17.3	26.40	29.02	28.73	0	0.0	0	0.0	0.0	0.0	0.0	838	100.0	138750	17.49
1979	14981	78.2	11907	1.99	17.7	26.34	29.55	28.85	0	0.0	0	0.0	0.0	0.0	0.0	384	100.0	138756	24.58
PENNSYLVANIA POWER & LIGHT																			
1976	10047*	44.6	11942	2.02	15.3	21.98	29.98	25.55	2394	100.0	142103	1.00	0.0	11.64	11.64	662	21.7	137794	13.88
1977	10677*	66.6	11962	1.99	14.7	20.41	27.06	24.84	7431	100.0	143548	0.94	0.0	13.77	13.77	955	11.4	137796	15.73
1978	9081*	51.7	12107	1.89	14.5	26.15	31.48	28.91	10664	100.0	144152	0.97	0.0	13.08	13.08	1017*	8.7	137564	16.28
1979	9864*	64.3	12187	1.82	14.5	26.77	33.05	30.81	9581	100.0	145837	0.96	0.0	18.80	18.80	527	5.2	138227	21.43
PENNSYLVANIA POWER																			
1976	1938	67.4	12119	2.88	12.4	21.67	22.80	22.43	0	0.0	0	0.0	0.0	0.0	0.0	17	100.0	134189	13.50
1977	3363	40.6	11797	2.84	14.1	22.85	24.46	23.50	0	0.0	0	0.0	0.0	0.0	0.0	170	100.0	136737	16.73
1978	3583	58.5	11814	2.91	14.1	25.34	29.71	27.90	0	0.0	0	0.0	0.0	0.0	0.0	96	100.0	134631	15.67
1979	4227	65.6	11801	2.85	13.6	27.87	28.74	28.44	0	0.0	0	0.0	0.0	0.0	0.0	132	100.0	136244	24.07
PERU UTILITIES																			
1976	49	26.4	11339	3.41	9.8	19.92	22.93	20.72	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	44	46.4	11188	3.30	10.5	21.91	23.50	22.65	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	40	22.0	11212	3.01	10.9	31.92	27.41	30.93	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	50	80.4	11276	3.46	10.5	29.07	29.74	29.61	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
PHILADELPHIA ELECTRIC																			
1976	1460	93.6	12947	2.60	9.3	29.70	32.09	31.94	11880	96.1	146195	0.39	11.87	12.21	12.20	1495	11.2	137908	13.02
1977	1196	87.0	13004	2.71	9.3	29.21	30.47	30.31	11458*	93.1	146227	0.35	13.79	14.19	14.16	1948	14.5	137374	16.12
1978	1057	55.2	12902	2.52	9.7	36.06	32.59	34.15	13180	93.2	146316	0.34	13.52	13.72	13.71	1553	10.5	139024	15.82
1979	1210	71.4	13009	2.39	9.1	40.00	36.79	37.71	9719	99.2	147168	0.47	14.59	21.33	21.27	534	5.2	139063	27.50
PIQUA MUNICIPAL POWER SYSTEM																			
1976	59	59.6	11732	1.45	13.5	23.59	20.11	21.52	0	0.0	0	0.0	0.0	0.0	0.0	5	100.0	137000	13.69
1977	67	47.8	11960	3.66	13.6	24.92	24.58	24.75	0	0.0	0	0.0	0.0	0.0	0.0	13	100.0	137000	16.63
1978	84*	26.2	11560	2.26	14.2	29.36	26.86	28.71	0	0.0	0	0.0	0.0	0.0	0.0	32	100.0	137000	15.93
1979	99	1.5	11932	2.29	11.5	25.94	25.01	25.92	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	140000	31.01
PLAINS ELEC GEN & TRANS COOP																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9	0.0	142000	0.34	11.05	0.0	11.05	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3	0.0	140999	0.29	9.17	0.0	9.17	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	26*	100.0	144853	0.50	0.0	18.00	18.00	0	0.0	0	0.0
PORTLAND GENERAL ELECTRIC																			
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	690	100.0	137500	15.42
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	317	100.0	137000	14.61
1979	1	0.0	10027	0.53	3.5	34.67	0.0	34.67	0	0.0	0	0.0	0.0	0.0	0.0	1302	100.0	137001	35.87
POTOMAC EDISON-VA (APS)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	49	100.0	138619	13.97
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	117	100.0	138648	15.93
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	244	100.0	138406	16.64
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	43	100.0	137840	19.13
POTOMAC ELECTRIC POWER																			
1976	4724	64.2	12292	1.46	12.5	26.49	27.40	27.08	8483*	100.0	148218	1.57	0.0	10.91	10.91	626	6.9	138257	13.26
1977	5207	57.7	12239	1.49	12.7	32.31	27.32	29.43	9722*	99.5	148060	1.55	16.45	13.03	13.05	839	7.9	138403	15.44
1978	4550	52.1	12311	1.48	12.2	36.13	32.96	34.48	10542*	100.0	147254	1.49	0.0	12.39	12.39	1344	11.3	138462	15.93
1979	5701	57.7	12432	1.39	11.8	38.08	35.09	36.36	6605*	92.2	147090	1.57	17.54	18.89	18.79	958	12.7	138462	24.93
PUBLIC SERVICE CO OF NEW MEXICO																			
1976	1264	100.0	9700	0.89	21.4	0.0	5.48	5.48	44	97.3	144307	0.54	8.95	11.20	11.14	43	49.0	135028	13.76
1977	1731	100.0	9700	0.89	22.4	0.0	7.40	7.40	165*	26.6	143777	0.34	12.24	12.81	12.39	77	31.9	136473	14.77
1978	2082	100.0	9656	0.89	22.4	0.0	11.74	11.74	73*	100.0	144064	0.27	0.0	13.38	13.38	65	47.0	135237	16.17
1979	2388	100.0	9276	0.80	18.7	0.0	13.25	13.25	283*	66.3	142890	0.38	15.20	21.31	19.25	101	26.2	135427	24.22
PUBLIC SERV CO OF INDIANA																			
1976	8728	79.8	10795	2.33	11.7	16.35	14.00	14.48	0	0.0	0	0.0	0.0	0.0	0.0	412	100.0	137000	13.47
1977	9607	76.7	10830	2.27	11.6	21.25	15.33	16.71	0	0.0	0	0.0	0.0	0.0	0.0	554	100.0	137001	15.59
1978	9139	68.8	10697	2.62	12.5	24.52	21.96	22.76	0	0.0	0	0.0	0.0	0.0	0.0	899	100.0	137001	16.02
1979	12321*	87.5	10679	2.73	11.3	22.75	22.24	22.31	0	0.0	0	0.0	0.0	0.0	0.0	360	100.0	136999	23.22

NATURAL GAS: AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF: IRPI	FIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS: COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS: COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000: COAL	OIL	GAS	TOTAL	% OF FUEL COST: COAL	OIL	GAS
PELLA MUNICIPAL POWER & LIGHT																			
0	0	0.0	0.0	0.0	0.0	1707	6	0	1712	99.7	0.3	0.0	1260	14	0	1273	98.9	1.1	0.0
0	0	0.0	0.0	0.0	0.0	1879	5	0	1884	99.7	0.3	0.0	1384	13	0	1398	99.0	1.0	0.0
0	0	0.0	0.0	0.0	0.0	1892	21	0	1913	98.9	1.1	0.0	1846	59	0	1905	96.9	3.1	0.0
0	0	0.0	0.0	0.0	0.0	2021	980	0	3001	67.3	32.7	0.0	2459	4991	0	7450	33.0	67.0	0.0
PENNSYLVANIA ELECTRIC (GPU)																			
0	0	0.0	0.0	0.0	0.0	313422	3428	0	316850	98.9	1.1	0.0	301603	8999	0	310602	97.1	2.9	0.0
0	0	0.0	0.0	0.0	0.0	288389	3659	0	292048	98.7	1.3	0.0	307750	10891	0	318641	96.6	3.4	0.0
0	0	0.0	0.0	0.0	0.0	271818	4883	0	276701	98.2	1.8	0.0	327094	14660	0	341754	95.7	4.3	0.0
0	0	0.0	0.0	0.0	0.0	356764	2238	0	359002	99.4	0.6	0.0	432155	9439	0	441594	97.9	2.1	0.0
PENNSYLVANIA POWER & LIGHT																			
0	0	0.0	0.0	0.0	0.0	239971	18119	0	258091	93.0	7.0	0.0	256708	37055	0	293763	87.4	12.6	0.0
0	0	0.0	0.0	0.0	0.0	255436	50329	0	305765	83.5	16.5	0.0	265219	117356	0	382575	69.3	30.7	0.0
0	0	0.0	0.0	0.0	0.0	219879	70440	0	290319	75.7	24.3	0.0	262513	156067	0	418580	62.7	37.3	0.0
0	0	0.0	0.0	0.0	0.0	240409	61745	0	302154	79.6	20.4	0.0	303912	191452	0	495365	61.4	38.6	0.0
PENNSYLVANIA POWER																			
0	0	0.0	0.0	0.0	0.0	46982	96	0	47078	99.8	0.2	0.0	43474	230	0	43703	99.5	0.5	0.0
0	0	0.0	0.0	0.0	0.0	79357	976	0	80333	98.8	1.2	0.0	79050	2844	0	81895	96.5	3.5	0.0
0	0	0.0	0.0	0.0	0.0	84650	546	0	85196	99.4	0.6	0.0	99942	1512	0	101455	98.5	1.5	0.0
0	0	0.0	0.0	0.0	0.0	99753	757	0	100510	99.2	0.8	0.0	120206	3184	0	123390	97.4	2.6	0.0
PERU UTILITIES																			
0	0	0.0	0.0	0.0	0.0	1117	0	0	1117	100.0	0.0	0.0	1020	0	0	1020	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	995	0	0	995	100.0	0.0	0.0	1007	0	0	1007	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	891	0	0	891	100.0	0.0	0.0	1229	0	0	1229	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1130	0	0	1130	100.0	0.0	0.0	1483	0	0	1483	100.0	0.0	0.0
PHILADELPHIA ELECTRIC																			
0	0	0.0	0.0	0.0	0.0	37806	81605	0	119411	31.7	68.3	0.0	46629	164399	0	211028	22.1	77.9	0.0
0	0	0.0	0.0	0.0	0.0	31107	81609	0	112716	27.6	72.4	0.0	36249	193601	0	229851	15.8	84.2	0.0
0	0	0.0	0.0	0.0	0.0	27275	90063	0	117338	23.2	76.8	0.0	36091	205232	0	241324	15.0	85.0	0.0
0	0	0.0	0.0	0.0	0.0	31481	63193	0	94674	33.3	66.7	0.0	45626	221438	0	267063	17.1	82.9	0.0
PIQUA MUNICIPAL POWER SYSTEM																			
0	0	0.0	0.0	0.0	0.0	1374	28	0	1402	98.0	2.0	0.0	1260	66	0	1326	95.0	5.0	0.0
0	0	0.0	0.0	0.0	0.0	1596	73	0	1669	95.6	4.4	0.0	1651	204	0	1855	89.0	11.0	0.0
0	0	0.0	0.0	0.0	0.0	1942	185	0	2127	91.3	8.7	0.0	2411	513	0	2924	82.5	17.5	0.0
0	0	0.0	0.0	0.0	0.0	2358	17	0	2374	99.3	0.7	0.0	2561	88	0	2649	96.7	3.3	0.0
PLAINS ELEC GEN & TRANS COOP																			
3183	900	0.93	0.0	0.93	0.0	0	0	2865	2865	0.0	0.0	100.0	0	0	2957	2957	0.0	0.0	100.0
2668	887	1.33	0.0	1.33	0.0	0	52	2366	2418	0.0	2.2	97.8	0	97	3541	3639	0.0	2.7	97.3
1106	876	1.38	0.0	1.38	0.0	0	18	968	986	0.0	1.8	98.2	0	27	1529	1556	0.0	1.8	98.2
1703	877	1.91	0.0	1.91	0.0	0	155	1494	1649	0.0	9.4	90.6	0	459	3253	3713	0.0	12.4	87.6
PORTLAND GENERAL ELECTRIC																			
53	1036	2.06	0.0	2.06	0.0	0	3987	55	4042	0.0	98.6	1.4	0	10649	108	10758	0.0	99.0	1.0
1	1005	3.64	0.0	3.64	0.0	0	1823	1	1824	0.0	100.0	0.0	0	4630	3	4633	0.0	99.9	0.1
2481	1046	3.56	0.0	3.56	0.0	20	7492	2595	10108	0.2	74.1	25.7	35	46701	8823	55559	0.1	84.1	15.9
POTOMAC EDISON-VA (APS)																			
0	0	0.0	0.0	0.0	0.0	0	284	0	284	0.0	100.0	0.0	0	681	0	681	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	683	0	683	0.0	100.0	0.0	0	1868	0	1868	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	1415	0	1415	0.0	100.0	0.0	0	4052	0	4052	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	247	0	247	0.0	100.0	0.0	0	817	0	817	0.0	100.0	0.0
POTOMAC ELECTRIC POWER																			
0	0	0.0	0.0	0.0	0.0	116131	56443	0	172574	67.3	32.7	0.0	127907	100817	0	228724	55.9	44.1	0.0
0	0	0.0	0.0	0.0	0.0	127461	65333	0	192794	66.1	33.9	0.0	153242	139796	0	293038	52.3	47.7	0.0
0	0	0.0	0.0	0.0	0.0	112030	73015	0	185045	60.5	39.5	0.0	156872	152035	0	308908	50.8	49.2	0.0
0	0	0.0	0.0	0.0	0.0	141749	46374	0	188124	75.3	24.7	0.0	207266	147971	0	355237	58.3	41.7	0.0
PUBLIC SERVICE CO OF NEW MEXICO																			
17119	1043	1.01	0.0	1.01	0.0	24514	512	17863	42889	57.2	1.2	41.6	6923	1083	17240	25246	27.4	4.3	68.3
19796	1036	1.72	0.0	1.72	0.0	33587	1439	20516	55543	60.5	2.6	36.9	12807	3185	34122	50114	25.6	6.4	68.1
15280	1025	1.86	0.0	1.86	0.0	40209	811	15661	56681	70.9	1.4	27.6	24447	2027	28400	54874	44.6	3.7	51.8
16577	1028	2.23	0.0	2.23	0.0	44308	2273	17038	63619	69.6	3.6	26.8	31647	7894	36976	76517	41.4	10.3	48.3
PUBLIC SERV CO OF INDIANA																			
0	0	0.0	0.0	0.0	0.0	188438	2368	0	190807	98.8	1.2	0.0	126362	5543	0	131905	95.8	4.2	0.0
0	0	0.0	0.0	0.0	0.0	208089	3189	0	211279	98.5	1.5	0.0	160550	8642	0	169192	94.9	5.1	0.0
0	0	0.0	0.0	0.0	0.0	195509	5175	0	200684	97.4	2.6	0.0	208011	14409	0	222420	93.5	6.5	0.0
0	0	0.0	0.0	0.0	0.0	263142	2073	0	265214	99.2	0.8	0.0	274840	8362	0	283202	97.0	3.0	0.0

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE IN $ PER TON			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE IN $ PER BBL			QUAN	% OF	BTU	AV.
YEAR	1000 TONS	% ON CONTR	BTU/ LB	SULF WT %	ASH WT %	SPOT	CONTR	TOTAL	1000 BBLS	% ON CONTR	BTU/ GAL	SULF WT %	SPOT	CONTR	TOTAL	1000 BBLS	TOTAL #2+#6	CONT/ GAL	PRICE $/BBL
PUBLIC SERV CO OF NEW HAMPSHIRE																			
1976	753	97.7	13459	2.22	7.4	32.44	33.77	33.74	2924	99.9	147747	1.85	13.56	10.80	10.80	45*	1.5	136830	13.71
1977	960	96.6	13364	2.33	7.2	34.71	34.77	34.77	2710	100.0	148691	1.81	0.0	12.84	12.84	41*	1.5	136957	15.62
1978	760	74.3	13014	2.17	7.7	37.97	38.56	38.41	3513	97.8	147945	1.72	12.24	11.98	11.98	29*	0.8	137351	16.46
1979	1050	97.3	13427	2.57	7.8	38.41	41.01	40.94	4642	96.3	148653	1.82	12.16	16.98	16.80	22*	0.5	137041	24.64
PUBLIC SERV ELEC & GAS-NJ																			
1976	1875	93.9	13191	1.22	8.9	42.50	40.03	40.18	16226	94.7	144435	0.27	11.68	12.39	12.35	1381*	7.8	134701	13.54
1977	1853	92.8	13205	1.22	8.7	41.19	39.80	39.90	18265	100.0	145202	0.27	0.0	14.26	14.26	2487*	12.0	134753	15.65
1978	1387	94.7	13244	1.19	8.8	45.05	44.31	44.35	19287*	98.8	145692	0.28	12.80	13.63	13.62	1386*	6.7	134414	16.18
1979	1558	95.5	13206	1.23	8.9	46.47	47.49	47.44	13359*	100.0	145642	0.28	0.0	21.21	21.21	906*	6.4	137086	24.62
PUBLIC SERVICE CO OF COLORADO																			
1976	5262	99.7	9539	0.47	7.0	12.81	9.31	9.32	570*	97.2	147788	0.79	11.05	10.15	10.17	268*	32.0	136809	13.58
1977	6140	99.6	9898	0.47	7.4	16.87	12.40	12.42	585*	59.6	148191	0.78	11.64	12.14	11.94	178	23.3	137081	15.49
1978	6033	100.0	9777	0.43	7.1	0.0	13.54	13.54	358*	91.1	146117	0.78	10.52	11.28	11.22	240	40.2	136829	16.31
1979	6158	100.0	9896	0.41	6.8	0.0	15.12	15.12	403	100.0	147231	0.69	0.0	15.07	15.07	226	35.9	135506	33.74
PUBLIC SERV CO OF OKLAHOMA (CSW)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	101*	89.2	143316	0.76	9.45	10.23	10.15	15	13.2	137876	12.19
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	20	100.0	137598	14.67
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	280	100.0	137608	14.72
1979	950	100.0	8671	0.39	5.8	0.0	23.32	23.32	0	0.0	0	0.0	0.0	0.0	0.0	55	100.0	134960	27.16
PUB UTILS COMM - NEW ULM																			
1976	45	100.0	12500	1.93	7.8	0.0	33.93	33.93	0	0.0	0	0.0	0.0	0.0	0.0	6	100.0	138000	13.33
1977	63	100.0	12500	1.91	7.8	0.0	33.71	33.71	0	0.0	0	0.0	0.0	0.0	0.0	2	100.0	138000	14.38
1978	68	100.0	11979	1.90	8.0	0.0	37.70	37.70	0	0.0	0	0.0	0.0	0.0	0.0	3*	100.0	137670	16.25
1979	78	100.0	12504	2.47	8.2	0.0	41.45	41.45	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	138000	22.02
PUGET SOUND POWER & LIGHT																			
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	100.0	139200	19.48
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	446*	0.0	151648	1.71	16.61	0.0	16.61	15*	3.2	136323	30.99
RICHMOND POWER & LIGHT																			
1976	233	45.8	11083	2.34	11.7	19.43	21.57	20.41	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	244	65.0	11043	2.58	11.6	21.89	22.08	22.02	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	168	13.9	11171	2.51	12.2	24.80	24.95	24.82	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	194	57.3	10908	2.17	12.2	25.28	29.38	27.63	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
ROCHESTER DEPT PUB UTIL																			
1976	221	100.0	12093	1.69	7.8	0.0	30.93	30.93	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	195	100.0	12317	2.07	7.7	0.0	31.37	31.37	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	160	96.4	12457	2.06	7.6	40.62	36.17	36.33	0	0.0	0	0.0	0.0	0.0	0.0	35	100.0	135945	16.04
1979	254	98.3	12406	2.09	8.2	44.17	40.55	40.61	0	0.0	0	0.0	0.0	0.0	0.0	4	100.0	135945	26.56
ROCHESTER GAS & ELEC CORP																			
1976	712	70.4	12908	1.92	9.3	29.71	32.66	31.78	889	100.0	148485	1.88	0.0	13.36	13.36	42	4.5	137129	12.98
1977	908	65.7	12897	2.08	9.7	29.38	32.90	31.70	843	98.5	148655	1.92	14.94	15.23	15.22	0	0.0	0	0.0
1978	816	55.7	12417	2.26	10.9	32.50	34.90	33.84	691	100.0	149177	1.83	0.0	14.04	14.04	0	0.0	0	0.0
1979	730	49.4	12629	2.41	10.2	33.04	36.30	34.65	782	100.0	149328	1.83	0.0	18.22	18.22	0	0.0	0	0.0
RUSTON UTIL SYS																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	5	100.0	135000	15.13
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	101	100.0	135000	20.33
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
SALT RIVER PROJECT																			
1976	6318	96.3	10587	0.48	10.6	24.35	3.44	4.22	786	52.9	151376	0.87	13.14	10.92	11.96	1010	56.2	139117	14.43
1977	7599	79.1	10836	0.44	9.7	23.65	5.77	9.51	1603	26.8	149506	0.80	13.72	12.38	13.36	1441	47.3	140294	15.72
1978	6290	100.0	10908	0.40	8.9	0.0	7.83	7.83	1089	41.0	147816	0.68	11.20	14.15	12.41	840	43.5	140306	17.00
1979	9708	100.0	10773	0.43	10.2	0.0	14.78	14.78	1955*	11.3	151201	0.88	16.84	18.42	17.02	818	29.5	140165	29.05
SAN DIEGO GAS & ELECTRIC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10322	100.0	146701	0.34	0.0	14.36	14.36	330*	3.1	137764	15.32
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	11681	100.0	146539	0.33	0.0	15.35	15.35	880	7.0	137998	15.51
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9881	100.0	146602	0.41	0.0	16.63	16.63	878	8.2	138214	16.85
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10539	100.0	148131	0.43	0.0	19.93	19.93	146	1.4	139157	19.57
SAVANNAH ELECTRIC & POWER																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3394	100.0	148270	2.45	0.0	10.45	10.45	117*	3.3	134128	14.20
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3693	100.0	147176	2.37	0.0	12.41	12.41	111*	2.9	137070	16.43
1978	157	0.0	12026	1.04	11.2	38.18	0.0	38.18	3512*	95.4	147743	2.63	10.52	11.68	11.63	119*	3.3	137264	16.43
1979	329	0.0	12513	1.22	10.9	38.52	0.0	38.52	1839	100.0	147840	2.54	0.0	17.54	17.54	55	2.9	138237	29.90

NATURAL GAS						TOTAL QUANTITY DELIVERED							TOTAL DELIVERED FUEL COST						
AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOIL	% FIRM/ TOTAL	IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
PUBLIC SERV CO OF NEW HAMPSHIRE																			
4	1000	1.80	0.0	1.80	0.0	20274	18404	4	38682	52.4	47.6	0.0	25410	32210	6	57626	44.1	55.9	0.0
0	0	0.0	0.0	0.0	0.0	25662	17156	0	42817	59.9	40.1	0.0	33385	35436	0	68821	48.5	51.5	0.0
0	0	0.0	0.0	0.0	0.0	19779	21995	0	41774	47.3	52.7	0.0	29186	42575	0	71761	40.7	59.3	0.0
28	1000	2.95	0.0	2.95	0.0	28207	29112	28	57347	49.2	50.8	0.0	43007	78532	84	121622	35.4	64.6	0.1
PUBLIC SERV ELEC & GAS-NJ																			
3757	1029	1.52	0.0	1.52	0.0	49458	106244	3866	159568	31.0	66.6	2.4	75330	219154	5707	300191	25.1	73.0	1.9
5611	1030	1.89	0.0	1.89	0.0	48931	125463	5779	180174	27.2	69.6	3.2	73922	299342	10606	383870	19.3	78.0	2.8
724	1030	2.03	0.0	2.03	0.0	36726	125845	745	163317	22.5	77.1	0.5	61490	285212	1468	348171	17.7	81.9	0.4
21414	1045	2.58	0.0	2.58	0.0	41141	86935	22375	150451	27.3	57.8	14.9	73905	305640	55316	434861	17.0	70.3	12.7
PUBLIC SERVICE CO OF COLORADO																			
33165	1002	0.77	0.86	0.77	0.0	100399	5083	33224	138706	72.4	3.7	24.0	49040	9451	25559	84050	58.3	11.2	30.4
24747	1001	1.02	0.0	1.02	0.0	121536	4669	24777	150982	80.5	3.1	16.4	76256	9749	25306	111311	68.5	8.8	22.7
21722	1008	1.29	0.0	1.29	0.0	117982	3580	21895	143457	82.2	2.5	15.3	81698	7940	27952	117590	69.5	6.8	23.8
27205	992	1.91	0.0	1.91	0.0	121887	3778	26990	152655	79.8	2.5	17.7	93129	13697	52086	158911	58.6	8.6	32.8
PUBLIC SERV CO OF OKLAHOMA (CSW)																			
138280	1048	0.0	1.07	1.07	100.0	0	699	144931	145630	0.0	0.5	99.5	0	1216	147538	148754	0.0	0.8	99.2
136740	1059	0.0	1.45	1.45	100.0	0	116	144832	144948	0.0	0.1	99.9	0	293	197851	198145	0.0	0.1	99.9
147093	1067	0.0	1.52	1.52	100.0	0	1618	156875	158494	0.0	1.0	99.0	0	4122	223571	227692	0.0	1.8	98.2
140443	1068	0.0	1.68	1.68	100.0	16468	312	149954	166734	9.9	0.2	89.9	22142	1494	236349	259985	8.5	0.6	90.9
PUB UTILS COMM - NEW ULM																			
578	1000	0.75	0.0	0.75	0.0	1112	37	578	1728	64.4	2.1	33.5	1510	85	436	2031	74.3	4.2	21.5
333	1000	1.04	0.0	1.04	0.0	1570	9	333	1912	82.1	0.5	17.4	2117	23	346	2486	85.2	0.9	13.9
20	1000	1.35	0.0	1.35	0.0	1636	18	20	1675	97.7	1.1	1.2	2575	52	27	2653	97.0	1.9	1.0
625	1000	1.71	0.0	1.71	0.0	1951	3	625	2579	75.6	0.1	24.2	3234	11	1067	4312	75.0	0.3	24.8
PUGET SOUND POWER & LIGHT																			
0	0	0.0	0.0	0.0	0.0	0	2	0	2	0.0	100.0	0.0	0	6	0	6	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	2923	0	2923	0.0	100.0	0.0	0	7859	0	7859	0.0	100.0	0.0
RICHMOND POWER & LIGHT																			
0	0	0.0	0.0	0.0	0.0	5168	0	0	5168	100.0	0.0	0.0	4758	0	0	4758	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	5385	0	0	5385	100.0	0.0	0.0	5367	0	0	5367	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	3748	0	0	3748	100.0	0.0	0.0	4163	0	0	4163	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	4222	0	0	4222	100.0	0.0	0.0	5347	0	0	5347	100.0	0.0	0.0
ROCHESTER DEPT PUB UTIL																			
218	1010	0.84	1.02	0.87	17.7	5355	0	220	5575	96.1	0.0	3.9	6848	0	189	7037	97.3	0.0	2.7
1084	1010	1.15	1.31	1.15	2.7	4804	0	1094	5898	81.4	0.0	18.6	6116	0	1250	7367	83.0	0.0	17.0
70	1010	1.39	1.57	1.49	51.5	3981	199	71	4251	93.6	4.7	1.7	5805	559	104	6469	89.7	8.6	1.6
299	1010	1.67	2.01	1.70	10.6	6312	22	302	6636	95.1	0.3	4.6	10331	101	509	10941	94.4	0.9	4.7
ROCHESTER GAS & ELEC CORP																			
0	0	0.0	0.0	0.0	0.0	18394	5785	0	24180	76.1	23.9	0.0	22646	12424	0	35070	64.6	35.4	0.0
0	0	0.0	0.0	0.0	0.0	23431	5263	0	28694	81.7	18.3	0.0	28792	12832	0	41624	69.2	30.8	0.0
0	0	0.0	0.0	0.0	0.0	20272	4328	0	24599	82.4	17.6	0.0	27622	9698	0	37320	74.0	26.0	0.0
0	0	0.0	0.0	0.0	0.0	18446	4906	0	23352	79.0	21.0	0.0	25307	14253	0	39560	64.0	36.0	0.0
RUSTON UTIL SYS																			
1671	1028	1.21	0.0	1.21	0.0	0	0	1719	1719	0.0	0.0	100.0	0	0	2027	2027	0.0	0.0	100.0
1806	1031	1.69	0.0	1.69	0.0	0	28	1862	1891	0.0	1.5	98.5	0	76	3054	3130	0.0	2.4	97.6
2070	1041	1.94	0.0	1.94	0.0	0	573	2155	2728	0.0	21.0	79.0	0	2055	4008	6064	0.0	33.9	66.1
1799	1069	2.27	0.0	2.27	0.0	0	0	1923	1923	0.0	0.0	100.0	0	0	4081	4081	0.0	0.0	100.0
SALT RIVER PROJECT																			
6269	1082	0.87	0.0	0.87	0.0	133785	10895	6784	151464	88.3	7.2	4.5	26636	23972	5479	56086	47.5	42.7	9.8
5317	1080	1.15	0.0	1.15	0.0	164686	18556	5742	188984	87.1	9.8	3.0	72256	44058	6132	122446	59.0	36.0	5.0
10534	1067	1.39	0.0	1.39	0.0	137232	11710	11244	160186	85.7	7.3	7.0	49255	27793	14663	91711	53.7	30.3	16.0
8877	1060	1.92	0.0	1.92	0.0	209166	17235	9411	235812	88.7	7.3	4.0	143477	57052	17031	217560	65.9	26.2	7.8
SAN DIEGO GAS & ELECTRIC																			
11194	1051	1.61	0.0	1.61	0.0	0	65508	11760	77268	0.0	84.8	15.2	0	153249	18025	171274	0.0	89.5	10.5
14907	1051	2.46	0.0	2.46	0.0	0	76993	15674	92667	0.0	83.1	16.9	0	192963	36656	229619	0.0	84.0	16.0
20179	1055	2.64	0.0	2.64	0.0	0	65937	21279	87216	0.0	75.6	24.4	0	179075	53197	232272	0.0	77.1	22.9
28348	1047	2.83	0.0	2.83	0.0	0	66422	29684	96106	0.0	69.1	30.9	0	212890	80265	293155	0.0	72.6	27.4
SAVANNAH ELECTRIC & POWER																			
1326	1029	1.26	0.0	1.26	0.0	0	21794	1365	23159	0.0	94.1	5.9	0	37127	1675	38802	0.0	95.7	4.3
1196	1026	1.93	0.0	1.93	0.0	0	23467	1227	24695	0.0	95.0	5.0	0	47638	2305	49944	0.0	95.4	4.6
1010	1031	2.23	0.0	2.23	0.0	3786	22477	1041	27304	13.9	82.3	3.8	6010	42781	2250	51041	11.8	83.8	4.4
1456	1131	3.16	0.0	3.16	0.0	8223	11738	1646	21608	38.1	54.3	7.6	12659	33907	4605	51171	24.7	66.3	9.0

	COAL								RESIDUAL OIL #6								FUEL OIL # 2			
	QUAN. 1000	DELIV. % ON	AVERAGE CONTENT BTU/	SULF	ASH	AVERAGE PRICE IN $ PER TON			QUAN. 1000	DELIV. % ON	AV. CONTENT BTU/	SULF	AVERAGE PRICE IN $ PER BBL			QUAN 1000	% OF TOTAL	BTU CONT/	AV. PRICE
YEAR	TONS	CONTR	LB	WT %	WT %	SPOT	CONTR	TOTAL	BBLS	CONTR	GAL	WT %	SPOT	CONTR	TOTAL	BBLS	#2+#6	GAL	$/BBL
SEWR & WTR BD N ORLEANS																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	139100	12.27
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	139100	14.28
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	2	100.0	139100	15.64
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	100.0	139100	16.38
SIERRA PACIFIC POWER																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	382	100.0	148876	0.81	0.0	12.41	12.41	3	0.8	139301	14.18
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1320	100.0	146612	0.73	0.0	13.14	13.14	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2687	100.0	146390	0.69	0.0	12.40	12.40	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1453	87.9	146606	0.65	19.74	15.90	16.36	0	0.0	0	0.0
SOUTH CAROLINA ELECTRIC & GAS																			
1976	3008	68.2	12445	1.29	10.4	22.81	26.77	25.51	4423	100.0	148186	2.11	0.0	8.80	8.80	98	2.2	138084	13.70
1977	3689	50.7	12249	1.40	11.5	31.21	28.66	29.91	4805	100.0	148979	2.01	0.0	10.72	10.72	479	9.1	137797	15.87
1978	3695	62.0	12349	1.36	11.4	32.54	33.07	32.87	5187	100.0	149063	1.97	0.0	11.87	11.87	195	3.6	137013	16.37
1979	3041	100.0	12610	1.38	9.7	31.48	37.25	37.25	3674	100.0	149227	2.06	0.0	16.31	16.31	96	2.5	136291	22.46
SOUTH CAROLINA PUB SERV AUTH																			
1976	1803	91.0	11802	1.25	12.4	22.67	25.48	25.23	46	100.0	147927	2.24	0.0	11.47	11.47	18	27.8	140000	13.83
1977	2335	71.4	11447	1.31	14.3	32.73	27.70	29.14	253	100.0	148794	2.29	0.0	12.94	12.94	185	41.7	140000	16.05
1978	2251	74.9	11698	1.23	13.7	34.17	34.53	34.44	57	100.0	148929	2.34	0.0	12.13	12.13	33	36.7	140041	16.21
1979	2256	84.7	12147	1.27	11.1	36.73	35.33	35.54	23	97.0	148150	2.28	18.02	15.50	15.58	54	70.1	140000	25.45
SOUTH MISSISSIPPI ELEC PWR ASSN																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	376*	97.7	146570	2.27	9.38	9.00	9.01	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	953*	91.9	146969	3.33	11.19	11.05	11.06	0	0.0	0	0.0
1978	237	100.0	11502	1.50	15.7	0.0	35.24	35.24	955	100.0	147742	2.49	0.0	11.24	11.24	4	0.4	133046	15.85
1979	578	100.0	11210	1.45	17.1	0.0	36.59	36.59	311	100.0	145637	2.90	0.0	12.50	12.50	11	3.5	136433	23.12
SOUTHERN CALIFORNIA EDISON																			
1976	4174	100.0	10952	0.40	9.8	0.0	8.43	8.43	42029	99.8	145220	0.50	13.66	14.57	14.57	33*	0.1	129949	13.60
1977	4568	100.0	10896	0.41	10.2	0.0	9.52	9.52	58230	99.9	145220	0.34	15.60	14.24	14.24	1333*	2.2	134830	14.92
1978	2684	100.0	10875	0.54	10.7	0.0	13.14	13.14	41376	99.6	145238	0.25	14.59	15.97	15.97	1327*	3.1	134719	16.50
1979	3234	100.0	10884	0.68	11.3	0.0	19.78	19.78	45548	99.4	145240	0.25	26.86	18.72	18.76	1797*	3.8	121925	18.69
SOUTHERN ILLINOIS POWER COOP																			
1976	400	18.8	10308	3.40	16.2	11.68	17.10	12.70	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	478	27.1	10277	3.04	16.1	13.04	18.46	14.51	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	657	35.5	10220	3.01	16.0	16.27	24.50	19.19	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	859	13.1	10266	3.05	14.8	19.22	24.57	19.92	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
SOUTHERN INDIANA GAS & ELEC																			
1976	3027	99.6	10766	3.18	10.8	15.54	11.20	11.22	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	3550	94.9	10883	3.33	10.8	20.10	14.50	14.79	0	0.0	0	0.0	0.0	0.0	0.0	174	100.0	140869	15.65
1978	3524	78.6	10769	3.24	11.6	29.65	17.93	20.44	0	0.0	0	0.0	0.0	0.0	0.0	405	100.0	137764	15.49
1979	4007	99.7	11004	3.32	10.6	28.30	22.72	22.74	0	0.0	0	0.0	0.0	0.0	0.0	15	100.0	138627	18.38
SOUTH TEXAS ELEC COOP INC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	143390	12.54
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	100.0	139950	10.71
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
SOUTHWESTERN PUBLIC SERVICE																			
1976	333	100.0	8274	0.40	5.4	0.0	16.60	16.60	0	0.0	0	0.0	0.0	0.0	0.0	115	100.0	138526	18.87
1977	1054	100.0	8433	0.37	5.3	0.0	18.14	18.14	0	0.0	0	0.0	0.0	0.0	0.0	157	100.0	138634	17.56
1978	1806	100.0	8777	0.38	6.0	0.0	21.39	21.39	0	0.0	0	0.0	0.0	0.0	0.0	48	100.0	138365	19.99
1979	2089	100.0	8992	0.42	6.1	0.0	26.41	26.41	0	0.0	0	0.0	0.0	0.0	0.0	28	100.0	137702	21.09
SOUTHWESTERN ELEC PWR (CSW)																			
1976	226	92.9	8060	0.48	7.9	8.25	13.04	12.70	1020*	95.5	147376	0.60	11.25	10.34	10.38	21	2.0	140000	13.34
1977	1597	100.0	8368	0.38	5.6	0.0	14.00	14.00	1692*	39.7	147376	0.60	12.14	11.40	11.85	97	5.4	140000	15.60
1978	3057	100.0	8400	0.36	5.2	0.0	16.46	16.46	721*	72.9	147187	0.60	11.86	11.36	11.50	34	4.6	140000	15.64
1979	3354	100.0	8399	0.33	4.9	0.0	19.40	19.40	105*	24.8	146920	0.60	15.16	9.73	13.82	43	29.0	140000	25.73
SPRINGFIELD WTR LT & PWR DEPT																			
1976	685*	98.7	10537	3.44	10.2	21.79	20.12	20.14	0	0.0	0	0.0	0.0	0.0	0.0	73	100.0	136000	13.69
1977	730*	66.4	10801	3.16	10.7	19.06	22.09	21.07	0	0.0	0	0.0	0.0	0.0	0.0	30	100.0	136000	15.73
1978	705*	59.2	10832	3.16	9.5	23.90	25.17	24.65	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	907*	83.9	10661	3.29	9.1	21.27	26.56	25.71	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
ST JOSEPH LIGHT & POWER																			
1976	198	100.0	10873	3.78	13.2	0.0	21.87	21.87	61	2.0	151032	2.50	10.27	8.43	10.23	0	0.0	0	0.0
1977	482*	80.3	10932	3.86	13.4	23.33	23.09	23.13	139	0.0	150489	2.10	12.35	0.0	12.35	10	6.7	137170	15.32
1978	300*	94.1	10667	4.13	13.5	26.08	25.09	25.15	100	0.0	150432	2.24	11.06	0.0	11.06	62	38.3	137570	15.32
1979	305	93.8	10984	4.32	14.1	28.62	29.80	29.72	135	0.0	150914	2.60	13.35	0.0	13.35	0	0.0	0	0.0

NATURAL GAS						TOTAL QUANTITY DELIVERED							TOTAL DELIVERED FUEL COST						
AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
SEWR & WTR BD N ORLEANS																			
1615	1050	0.87	1.22	0.99	33.4	0	20	1696	1716	0.0	1.2	98.8	0	43	1593	1635	0.0	2.6	97.4
1607	1050	0.0	1.48	1.48	100.0	0	20	1688	1707	0.0	1.2	98.8	0	49	2372	2420	0.0	2.0	98.0
1610	1050	0.0	1.68	1.68	100.0	0	12	1690	1702	0.0	0.7	99.3	0	32	2710	2742	0.0	1.2	98.8
1456	1050	0.0	2.18	2.18	100.0	0	2	1528	1530	0.0	0.1	99.9	0	4	3180	3184	0.0	0.1	99.9
SIERRA PACIFIC POWER																			
14149	1059	1.79	0.0	1.79	0.0	0	2406	14981	17387	0.0	13.8	86.2	0	4785	25284	30069	0.0	15.9	84.1
18361	1051	2.07	0.0	2.07	0.0	0	8129	19293	27422	0.0	29.6	70.4	0	17342	38047	55388	0.0	31.3	68.7
2830	1047	2.23	0.0	2.23	0.0	0	16521	2962	19483	0.0	84.8	15.2	0	33317	6302	39619	0.0	84.1	15.9
17303	1042	2.77	0.0	2.77	0.0	0	8947	18021	26967	0.0	33.2	66.8	0	23776	47858	71634	0.0	33.2	66.8
SOUTH CAROLINA ELECTRIC & GAS																			
0	0	0.0	0.0	0.0	0.0	74872	28099	0	102971	72.7	27.3	0.0	76740	40278	0	117019	65.6	34.4	0.0
0	0	0.0	0.0	0.0	0.0	90382	32836	0	123218	73.4	26.6	0.0	110364	59085	0	169449	65.1	34.9	0.0
0	0	0.0	0.0	0.0	0.0	91268	33597	0	124865	73.1	26.9	0.0	121461	64772	0	186233	65.2	34.8	0.0
3038	1078	2.29	2.05	2.27	7.5	76701	23576	3275	103553	74.1	22.8	3.2	113293	62077	6894	182264	62.2	34.1	3.8
SOUTH CAROLINA PUB SERV AUTH																			
0	0	0.0	0.0	0.0	0.0	42558	392	0	42949	99.1	0.9	0.0	45493	776	0	46269	98.3	1.7	0.0
0	0	0.0	0.0	0.0	0.0	53463	2700	0	56163	95.2	4.8	0.0	68046	6305	0	74352	91.5	8.5	0.0
0	0	0.0	0.0	0.0	0.0	52669	550	0	53219	99.0	1.0	0.0	77535	1225	0	78761	98.4	1.6	0.0
0	0	0.0	0.0	0.0	0.0	54807	458	0	55265	99.2	0.8	0.0	80184	1721	0	81905	97.9	2.1	0.0
SOUTH MISSISSIPPI ELEC PWR ASSN																			
3340	1017	0.0	1.69	1.69	100.0	0	2315	3396	5710	0.0	40.5	59.5	0	3387	5640	9027	0.0	37.5	62.5
3372	1022	0.0	1.81	1.81	100.0	0	5884	3446	9331	0.0	63.1	36.9	0	10544	6093	16637	0.0	63.4	36.6
3112	1024	0.0	1.90	1.90	100.0	5463	5950	3187	14599	37.4	40.8	21.8	8369	10797	5902	25067	33.4	43.1	23.5
3114	1020	0.0	2.29	2.29	100.0	12961	1965	3177	18103	71.6	10.9	17.6	21151	4144	7119	32414	65.3	12.8	22.0
SOUTHERN CALIFORNIA EDISON																			
65757	1050	1.32	0.0	1.32	0.0	91431	256525	69022	416978	21.9	61.5	16.6	35167	612823	86588	734578	4.8	83.4	11.8
91698	1048	1.93	0.0	1.93	0.0	99547	362706	96113	558367	17.8	65.0	17.2	43498	849125	177152	1069775	4.1	79.4	16.6
111101	1058	2.15	0.0	2.15	0.0	58379	259901	117568	435848	13.4	59.6	27.0	35256	682606	238779	956641	3.7	71.4	25.0
156635	1052	2.52	0.0	2.52	0.0	70395	287049	164794	522237	13.5	55.0	31.6	63981	888197	395164	1347342	4.7	65.9	29.3
SOUTHERN ILLINOIS POWER COOP																			
0	0	0.0	0.0	0.0	0.0	8242	0	0	8242	100.0	0.0	0.0	5077	0	0	5077	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	9832	0	0	9832	100.0	0.0	0.0	6938	0	0	6938	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	13420	0	0	13420	100.0	0.0	0.0	12598	0	0	12598	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	17640	0	0	17640	100.0	0.0	0.0	17115	0	0	17115	100.0	0.0	0.0
SOUTHERN INDIANA GAS & ELEC																			
524	1015	0.78	0.77	0.78	32.7	65170	0	532	65702	99.2	0.0	0.8	33960	0	408	34368	98.8	0.0	1.2
318	1010	1.07	0.0	1.07	0.0	77274	1029	321	78623	98.3	1.3	0.4	52491	2722	341	55553	94.5	4.9	0.6
0	0	0.0	0.0	0.0	0.0	75897	2344	0	78240	97.0	3.0	0.0	72015	6275	0	78290	92.0	8.0	0.0
216	1008	1.50	0.0	1.50	0.0	88189	88	217	88494	99.7	0.1	0.2	91123	278	324	91724	99.3	0.3	0.4
SOUTH TEXAS ELEC COOP INC																			
2670	1017	0.0	1.89	1.89	100.0	0	16	2716	2732	0.0	0.6	99.4	.	33	5054	5088	0.0	0.7	99.3
2205	1006	0.0	1.99	1.99	100.0	0	1	2218	2219	0.0	0.0	100.0	0	1	4390	4391	0.0	0.0	100.0
1525	988	0.0	2.10	2.10	100.0	0	0	1507	1507	0.0	0.0	100.0	0	0	3205	3205	0.0	0.0	100.0
993	993	0.0	2.26	2.26	100.0	0	0	986	986	0.0	0.0	100.0	0	0	2246	2246	0.0	0.0	100.0
SOUTHWESTERN PUBLIC SERVICE																			
109309	1000	1.06	1.18	1.09	26.9	5510	669	109280	115460	4.8	0.6	94.6	5529	2169	119621	127319	4.3	1.7	94.0
104245	990	1.39	1.51	1.42	26.5	17777	914	103200	121891	14.6	0.7	84.7	19123	2758	148522	170403	11.2	1.6	87.2
97558	1011	1.74	1.60	1.67	49.7	31702	279	98669	130649	24.3	0.2	75.5	38637	959	162882	202479	19.1	0.5	80.4
90682	1006	2.16	1.78	1.96	53.2	37570	162	91217	128949	29.1	0.1	70.7	55181	591	177502	233274	23.7	0.3	76.1
SOUTHWESTERN ELEC PWR (CSW)																			
84431	940	0.99	0.54	0.58	89.9	3635	6435	79337	89406	4.1	7.2	88.7	2864	10865	49165	62894	4.6	17.3	78.2
81367	973	1.02	0.74	0.77	91.8	26720	11042	79195	116957	22.8	9.4	67.7	22346	21553	62330	106229	21.0	20.3	58.7
79503	991	0.0	1.03	1.03	100.0	51367	4661	78796	134825	38.1	3.5	58.4	50325	8832	82126	141283	35.6	6.3	58.1
86999	1001	0.0	1.13	1.13	100.0	56342	900	87107	144348	39.0	0.6	60.3	65077	2552	97958	165587	39.3	1.5	59.2
SPRINGFIELD WTR LT & PWR DEPT																			
0	0	0.0	0.0	0.0	0.0	14441	415	0	14856	97.2	2.8	0.0	13804	995	0	14799	93.3	6.7	0.0
0	0	0.0	0.0	0.0	0.0	15765	171	0	15935	98.9	1.1	0.0	15379	472	0	15851	97.0	3.0	0.0
0	0	0.0	0.0	0.0	0.0	15264	0	0	15264	100.0	0.0	0.0	17368	0	0	17368	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	19330	0	0	19330	100.0	0.0	0.0	23309	0	0	23309	100.0	0.0	0.0
ST JOSEPH LIGHT & POWER																			
6616	948	0.71	0.0	0.71	0.0	4310	385	6274	10969	39.3	3.5	57.2	4334	622	4697	9653	44.9	6.4	48.7
3823	953	1.05	1.10	1.05	0.2	10539	933	3644	15116	69.7	6.2	24.1	11151	1864	4026	17041	65.4	10.9	23.6
6847	954	1.05	0.0	1.05	0.0	6391	988	6531	13910	45.9	7.1	46.9	7534	2052	7168	16754	45.0	12.2	42.8
3469	970	1.37	0.0	1.37	0.0	6711	853	3365	10929	61.4	7.8	30.8	9081	1795	4752	15628	58.1	11.5	30.4

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE IN $ PER TON			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE IN $ PER BBL			QUAN	% OF	BTU	AV.
YEAR	1000 TONS	% ON CONTR	BTU/ LB	SULF WT %	ASH WT %	SPOT	CONTR	TOTAL	1000 BBLS	% ON CONTR	BTU/ GAL	SULF WT %	SPOT	CONTR	TOTAL	1000 BBLS	TOTAL #2+#6	CONT/ GAL	PRICE $/BBL
SUNFLOWER ELEC COOP INC																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	55	100.0	137600	13.38
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	34	100.0	137600	14.57
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
SUPERIOR WTR LT & PWR																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	67	100.0	150891	1.66	0.0	10.69	10.69	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	91	100.0	151175	1.57	0.0	12.73	12.73	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	75	100.0	150697	1.66	0.0	12.92	12.92	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	68	100.0	150604	1.76	0.0	15.54	15.54	0	0.0	0	0.0
TALLAHASSEE, CITY OF																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1310	100.0	151900	1.90	0.0	10.80	10.80	80	5.8	144000	13.50
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1586	83.9	151549	1.78	12.50	11.79	11.91	33	2.0	144000	14.89
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	2634	100.0	150751	1.81	0.0	11.80	11.80	12	0.5	144000	15.87
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1687	100.0	149683	2.07	0.0	16.34	16.34	12	0.7	143918	32.89
TAMPA ELECTRIC																			
1976	3376	100.0	11381	2.50	10.8	36.70	26.54	26.54	3905	100.0	145724	0.98	0.0	10.96	10.96	353	8.3	137696	13.29
1977	3593	100.0	11494	2.41	10.5	0.0	29.73	29.73	4049	100.0	148482	0.91	0.0	12.83	12.83	166	3.9	137725	14.99
1978	3654	72.5	11721	2.01	10.5	32.72	34.02	33.66	4657	100.0	149570	0.95	0.0	12.26	12.26	205	4.2	139042	15.51
1979	3802	96.6	11873	2.17	9.9	36.26	35.76	35.78	4627	100.0	149937	0.96	0.0	19.24	19.24	138	2.9	135877	32.36
TAUNTON MUNICIPAL LIGHTING PLT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	783	100.0	147040	0.92	0.0	11.83	11.83	40	4.9	139427	14.99
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	425	93.8	147393	0.96	13.20	13.86	13.82	93	18.0	138872	16.07
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	445	50.4	148573	1.49	12.32	12.19	12.25	114	20.4	138872	16.99
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	503	100.0	149089	2.17	0.0	16.68	16.68	102	16.8	138466	28.60
TENNESSEE VALLEY AUTHORITY																			
1976	38852	94.6	11069	3.22	15.5	17.40	19.55	19.44	0	0.0	0	0.0	0.0	0.0	0.0	3022	100.0	138628	13.64
1977	35867	91.4	10994	3.37	15.7	21.81	21.44	21.47	0	0.0	0	0.0	0.0	0.0	0.0	5256	100.0	139792	15.50
1978	35056	76.1	11191	2.71	14.9	30.10	25.07	26.27	0	0.0	0	0.0	0.0	0.0	0.0	6678	100.0	139326	15.56
1979	41336	95.7	11444	2.52	13.6	28.18	30.54	30.44	0	0.0	0	0.0	0.0	0.0	0.0	592	100.0	138463	26.38
TEXAS ELEC SERV (TEXAS UTILS)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	186*	100.0	142857	0.51	0.0	11.79	11.79	89	32.4	142857	11.46
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	597*	50.3	142857	0.59	12.26	13.02	12.64	60	9.1	140913	12.31
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	145*	100.0	142857	0.48	0.0	11.82	11.82	40	21.6	139524	14.18
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	93*	100.0	142857	0.44	0.0	19.04	19.04	91	49.5	139524	25.40
TEXAS PWR & LT (TEXAS UTILS)																			
1976	11851	100.0	6495	0.60	12.6	0.0	3.58	3.58	4*	100.0	151000	0.31	0.0	13.10	13.10	118	97.0	140811	13.92
1977	14153	100.0	6601	0.66	12.0	0.0	4.97	4.97	390*	1.4	142197	0.13	10.76	13.83	10.81	249	39.0	137558	14.54
1978	18163	100.0	6625	0.70	11.8	0.0	5.78	5.78	8*	0.0	137915	0.12	13.75	0.0	13.75	2	22.6	136676	15.32
1979	24802	100.0	6559	0.73	11.7	0.0	7.58	7.58	66*	0.0	145105	0.50	14.53	0.0	14.53	1	1.8	136400	29.21
THE CANAL ELECTRIC CO																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9917	100.0	146665	0.97	0.0	10.80	10.80	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10045	100.0	146501	1.06	0.0	12.98	12.98	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	10050	94.2	148570	2.13	12.18	11.20	11.26	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	9768	97.2	149011	2.13	11.93	16.95	16.81	0	0.0	0	0.0
THE CENTRAL NEB PUB PWR&IR DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	392	100.0	150000	0.78	0.0	9.78	9.78	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	220	100.0	150000	0.89	0.0	11.10	11.10	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	284	100.0	150000	1.14	0.0	10.60	10.60	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	193	100.0	150000	1.10	0.0	14.22	14.22	0	0.0	0	0.0
THE CENTRAL KANSAS POWER CO																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	128	0.0	150000	0.80	10.70	0.0	10.70	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	46	0.0	150000	0.80	12.45	0.0	12.45	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	45	0.0	150000	0.80	11.93	0.0	11.93	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	37	0.0	150000	0.82	14.69	0.0	14.69	0	0.0	0	0.0
THE CINCINNATI GAS & ELECTRIC CO																			
1976	4439	96.0	10961	2.26	16.6	18.93	19.43	19.41	0	0.0	0	0.0	0.0	0.0	0.0	1241*	100.0	137131	14.19
1977	4440	85.5	10768	2.67	17.4	20.73	20.16	20.25	0	0.0	0	0.0	0.0	0.0	0.0	1700*	100.0	136887	15.92
1978	5130	66.8	11046	2.32	16.0	30.77	24.07	26.29	0	0.0	0	0.0	0.0	0.0	0.0	1487*	100.0	137021	16.34
1979	5486	84.5	11141	2.14	15.5	31.47	26.99	27.68	0	0.0	0	0.0	0.0	0.0	0.0	776	100.0	138089	21.76
THE CONNECTICUT LT & PWR CO(NU)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6620	100.0	146724	0.38	0.0	11.98	11.98	50*	0.7	137189	13.30
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6901	100.0	146967	0.41	0.0	13.75	13.75	47*	0.7	136650	10.97
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6988	100.0	147175	0.43	0.0	13.26	13.26	53*	0.8	137287	9.56
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	6243	100.0	146769	0.44	5.77	21.11	21.11	104*	1.6	136274	22.83

NATURAL GAS						TOTAL QUANTITY DELIVERED							TOTAL DELIVERED FUEL COST						
AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
SUNFLOWER ELEC COOP INC																			
6876	912	0.0	0.75	0.75	100.0	0	318	6272	6590	0.0	4.8	95.2	0	736	5142	5879	0.0	12.5	87.5
7162	890	0.0	0.92	0.92	100.0	0	196	6371	6567	0.0	3.0	97.0	0	495	6563	7058	0.0	7.0	93.0
8084	865	0.0	1.29	1.29	100.0	0	0	6990	6990	0.0	0.0	100.0	0	0	10449	10449	0.0	0.0	100.0
9920	856	0.0	1.59	1.59	100.0	0	0	8492	8492	0.0	0.0	100.0	0	0	15804	15804	0.0	0.0	100.0
SUPERIOR WTR LT & PWR																			
227	1025	0.86	0.0	0.86	0.0	0	424	233	657	0.0	64.6	35.4	0	715	196	911	0.0	78.5	21.5
16	985	1.27	0.0	1.27	0.0	0	578	15	593	0.0	97.4	2.6	0	1158	20	1178	0.0	98.3	1.7
6	1021	1.68	0.0	1.68	0.0	0	473	6	480	0.0	98.7	1.3	0	967	10	977	0.0	99.0	1.0
40	994	1.89	0.0	1.89	0.0	0	429	40	469	0.0	91.4	8.6	0	1054	76	1130	0.0	93.2	6.8
TALLAHASSEE, CITY OF																			
747	1040	0.69	0.0	0.69	0.0	0	8841	777	9618	0.0	91.9	8.1	0	15225	518	15744	0.0	96.7	3.3
4179	1042	0.95	0.0	0.95	0.0	0	10291	4353	14644	0.0	70.3	29.7	0	19366	3973	23338	0.0	83.0	17.0
5927	1040	1.07	0.0	1.07	0.0	0	16753	6165	22917	0.0	73.1	26.9	0	31273	6361	37634	0.0	83.1	16.9
10261	1042	1.52	0.0	1.52	0.0	0	10681	10687	21368	0.0	50.0	50.0	0	27971	15595	43566	0.0	64.2	35.8
TAMPA ELECTRIC																			
0	0	0.0	0.0	0.0	0.0	76840	25940	0	102780	74.8	25.2	0.0	89604	47491	0	137095	65.4	34.6	0.0
0	0	0.0	0.0	0.0	0.0	82603	26214	0	108817	75.9	24.1	0.0	106844	54427	0	161271	66.3	33.7	0.0
0	0	0.0	0.0	0.0	0.0	85664	30454	0	116118	73.8	26.2	0.0	123018	60284	0	183302	67.1	32.9	0.0
0	0	0.0	0.0	0.0	0.0	90285	29930	0	120215	75.1	24.9	0.0	136033	93487	0	229520	59.3	40.7	0.0
TAUNTON MUNICIPAL LIGHTING PLT																			
0	0	0.0	0.0	0.0	0.0	0	5070	0	5070	0.0	100.0	0.0	0	9864	0	9864	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	3176	0	3176	0.0	100.0	0.0	0	7373	0	7373	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	3444	0	3444	0.0	100.0	0.0	0	7394	0	7394	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	3739	0	3739	0.0	100.0	0.0	0	11291	0	11291	0.0	100.0	0.0
TENNESSEE VALLEY AUTHORITY																			
0	0	0.0	0.0	0.0	0.0	860121	17598	0	877719	98.0	2.0	0.0	755135	41226	0	796361	94.8	5.2	0.0
0	0	0.0	0.0	0.0	0.0	788633	30861	0	819495	96.2	3.8	0.0	770188	81453	0	851641	90.4	9.6	0.0
0	0	0.0	0.0	0.0	0.0	784637	39076	0	823713	95.3	4.7	0.0	920982	103937	0	1024919	89.9	10.1	0.0
0	0	0.0	0.0	0.0	0.0	946092	3442	0	949534	99.6	0.4	0.0	1258221	15610	0	1273831	98.8	1.2	0.0
TEXAS ELEC SERV (TEXAS UTILS)																			
121849	1036	0.0	0.51	0.51	100.0	0	1650	126203	127853	0.0	1.3	98.7	0	3212	61710	64923	0.0	4.9	95.1
131488	1042	0.0	0.68	0.68	100.0	0	3937	137023	140960	0.0	2.8	97.2	0	8286	89320	97606	0.0	8.5	91.5
140771	1051	0.0	0.91	0.91	100.0	0	1104	147947	149051	0.0	0.7	99.3	0	2281	128331	130612	0.0	1.7	98.3
113740	1053	0.0	0.74	0.74	100.0	0	1091	119772	120863	0.0	0.9	99.1	0	4082	84570	88652	0.0	4.6	95.4
TEXAS PWR & LT (TEXAS UTILS)																			
135865	1005	1.33	1.18	1.23	65.5	153949	724	136594	291267	52.9	0.2	46.9	42384	1697	167600	211681	20.0	0.8	79.2
145527	1025	1.64	1.40	1.49	61.5	186857	3766	149119	339743	55.0	1.1	43.9	70310	7832	217446	295589	23.8	2.6	73.6
138862	1022	1.87	1.51	1.64	62.7	240662	63	141891	382616	62.9	0.0	37.1	104914	154	227790	332858	31.5	0.0	68.4
122548	1029	2.02	1.57	1.73	64.1	325332	412	126134	451877	72.0	0.1	27.9	188011	1001	212528	401540	46.8	0.2	52.9
THE CANAL ELECTRIC CO																			
0	0	0.0	0.0	0.0	0.0	0	61088	0	61088	0.0	100.0	0.0	0	107105	0	107105	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	61807	0	61807	0.0	100.0	0.0	0	130374	0	130374	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	62711	0	62711	0.0	100.0	0.0	0	113116	0	113116	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	61132	0	61132	0.0	100.0	0.0	0	164184	0	164184	0.0	100.0	0.0
THE CENTRAL NEB PUB PWR&IR DEPT																			
3408	933	0.74	0.0	0.74	0.0	0	2467	3180	5647	0.0	43.7	56.3	0	3828	2528	6357	0.0	60.2	39.8
5231	948	0.89	0.0	0.89	0.0	0	1386	4961	6347	0.0	21.8	78.2	0	2440	4675	7116	0.0	34.3	65.7
3352	943	1.05	0.0	1.05	0.0	0	1788	3159	4947	0.0	36.1	63.9	0	3007	3504	6511	0.0	46.2	53.8
5106	933	1.33	0.0	1.33	0.0	0	1217	4765	5982	0.0	20.3	79.7	0	2746	6805	9550	0.0	28.7	71.3
THE CENTRAL KANSAS POWER CO																			
1524	935	0.55	0.0	0.55	0.0	0	805	1426	2231	0.0	36.1	63.9	0	1368	844	2212	0.0	61.9	38.1
2210	935	0.62	0.0	0.62	0.0	0	291	2067	2358	0.0	12.3	87.7	0	575	1378	1953	0.0	29.4	70.6
1998	935	0.78	0.0	0.78	0.0	0	284	1868	2152	0.0	13.2	86.8	0	537	1554	2091	0.0	25.7	74.3
3213	936	1.00	0.0	1.00	0.0	0	235	3008	3243	0.0	7.2	92.8	0	547	3213	3760	0.0	14.5	85.5
THE CINCINNATI GAS & ELECTRIC CO																			
1228	1015	0.0	1.46	1.46	100.0	97305	7145	1246	105696	92.1	6.8	1.2	86162	17598	1790	105551	81.6	16.7	1.7
0	0	0.0	0.0	0.0	0.0	95623	9777	0	105400	90.7	9.3	0.0	89895	27077	0	116973	76.9	23.1	0.0
0	0	0.0	0.0	0.0	0.0	113325	8556	0	121882	93.0	7.0	0.0	134881	24292	0	159173	84.7	15.3	0.0
227	1021	0.0	2.30	2.30	100.0	122233	4502	232	126967	96.3	3.5	0.2	151852	16896	522	169269	89.7	10.0	0.3
THE CONNECTICUT LT & PWR CO(NU)																			
0	0	0.0	0.0	0.0	0.0	0	41083	0	41083	0.0	100.0	0.0	0	79979	0	79979	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	42867	0	42867	0.0	100.0	0.0	0	95394	0	95394	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	43501	0	43501	0.0	100.0	0.0	0	93188	0	93188	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	39080	0	39080	0.0	100.0	0.0	0	134137	0	134137	0.0	100.0	0.0

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE IN $ PER TON			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE IN $ PER BBL			QUAN	% OF	BTU	AV.
YEAR	1000 TONS	% ON CONTR	BTU/ LB	SULF WT %	ASH WT %	SPOT	CONTR	TOTAL	1000 BBLS	% ON CONTR	BTU/ GAL	SULF WT %	SPOT	CONTR	TOTAL	1000 BBLS	TOTAL #2+#6	CONT/ GAL	PRICE $/BBL
THE DAYTON POWER & LIGHT CO																			
1976	6375	62.6	11018	1.61	17.1	23.11	20.67	21.58	0	0.0	0	0.0	0.0	0.0	0.0	494	100.0	135728	14.18
1977	7212	62.6	10971	1.46	16.8	24.01	23.86	23.91	0	0.0	0	0.0	0.0	0.0	0.0	504	100.0	135923	16.21
1978	5460	54.2	11113	1.19	15.7	29.07	28.31	28.65	0	0.0	0	0.0	0.0	0.0	0.0	659	100.0	135926	16.20
1979	7321	65.6	11360	1.14	14.8	28.28	33.03	31.40	0	0.0	0	0.0	0.0	0.0	0.0	238	100.0	136143	23.66
THE DETROIT EDISON CO																			
1976	12322	92.0	11813	2.08	10.9	26.84	22.93	23.24	5760	97.8	148938	1.01	10.90	14.16	14.09	1512	20.8	136803	13.54
1977	13231	87.1	11799	2.05	10.6	30.00	24.06	24.82	6552	100.0	149430	1.00	0.0	16.84	16.84	2086	24.1	137221	15.08
1978	11887	72.2	11505	1.64	10.2	35.11	25.54	28.20	5968	91.9	148904	0.87	15.99	17.30	17.19	1906	24.2	137146	16.02
1979	13994	85.4	11937	1.59	9.7	41.93	32.92	34.24	4783	92.5	147790	0.70	16.17	20.13	19.83	1133	19.2	137159	23.20
THE HARTFORD ELEC LIGHT CO(NU)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4016	100.0	144479	0.48	0.0	11.87	11.87	1*	0.0	134742	15.11
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3916	100.0	145042	0.48	0.0	13.61	13.61	25*	0.6	134173	16.10
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	4020	100.0	145745	0.47	0.0	13.17	13.17	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3612	100.0	146032	0.48	0.0	20.52	20.52	91*	2.5	133747	24.52
THE KANSAS POWER & LIGHT CO																			
1976	1066	100.0	10130	0.51	11.0	0.0	21.70	21.70	1642*	0.3	150263	1.42	10.33	8.61	10.33	687	29.5	138423	12.56
1977	1554	99.8	9460	0.49	9.7	27.02	19.60	19.61	1280	0.0	149867	1.22	12.64	0.0	12.64	553	30.2	138312	14.72
1978	3564	97.6	8948	0.43	7.8	26.83	17.04	17.27	997	6.4	150058	1.19	11.15	11.24	11.15	541	35.2	138370	15.22
1979	4883	96.6	9177	0.44	7.0	34.62	19.06	19.59	602	46.7	149779	1.45	13.38	13.29	13.34	239	28.4	138348	19.97
THE MONTANA POWER CO																			
1976	2003	100.0	8631	0.76	8.5	0.0	4.53	4.53	0	0.0	0	0.0	0.0	0.0	0.0	91*	100.0	91800	10.63
1977	2911	100.0	8703	0.75	9.2	0.0	4.43	4.43	121*	100.0	148810	0.37	0.0	12.63	12.63	67*	35.6	91800	11.60
1978	3033	100.0	8643	0.74	8.8	0.0	5.11	5.11	0	0.0	0	0.0	0.0	0.0	0.0	84*	100.0	91907	12.29
1979	3207	100.0	8720	0.72	8.8	0.0	5.75	5.75	0	0.0	0	0.0	0.0	0.0	0.0	108*	100.0	99718	12.63
THE NARRAGANSETT ELEC CO(NEES)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	996	100.0	146535	0.95	0.0	11.33	11.33	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1296	52.4	147486	0.94	12.47	13.11	12.80	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1166	55.2	146399	0.88	12.24	12.81	12.55	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1120	84.5	147848	0.90	17.46	20.22	19.79	0	0.0	0	0.0
THE POTOMAC EDISON CO-MD (APS)																			
1976	369	36.7	11621	1.13	15.6	22.31	22.68	22.45	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	138675	16.41
1977	391	79.5	11093	1.02	16.2	19.86	17.80	18.22	0	0.0	0	0.0	0.0	0.0	0.0	6	100.0	138734	16.18
1978	327	57.5	11232	1.12	16.6	25.52	17.82	21.09	0	0.0	0	0.0	0.0	0.0	0.0	5	100.0	139287	16.55
1979	238	76.2	11163	1.01	16.3	23.51	21.43	21.93	0	0.0	0	0.0	0.0	0.0	0.0	6	100.0	139267	22.53
THE TOLEDO EDISON CO																			
1976	2291	62.8	11819	2.10	14.1	24.85	25.91	25.51	101	100.0	155614	1.20	0.0	10.26	10.26	48	32.2	137827	14.38
1977	2323	36.4	12170	2.49	11.8	28.59	27.83	28.31	99	100.0	151223	1.20	0.0	13.40	13.40	173	63.6	137051	15.79
1978	1909	37.5	12154	2.29	11.2	31.45	36.32	33.28	81	100.0	151071	1.20	0.0	13.54	13.54	71	46.5	136314	16.15
1979	1803	67.6	12654	1.16	8.2	38.07	43.12	41.49	87	100.0	150862	1.20	0.0	15.60	15.60	42*	32.7	135926	25.87
THE TUCSON GAS & ELECTRIC CO																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1653*	100.0	146974	0.89	0.0	13.53	13.53	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	3086*	55.3	148052	0.89	14.23	14.38	14.31	100	3.1	139238	15.33
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1229*	71.1	147913	0.91	13.23	15.68	14.98	28	2.2	139400	15.25
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	820*	100.0	146164	0.92	0.0	18.35	18.35	8	1.0	140600	30.19
THE UNITED GAS IMP CO																			
1976	164	100.0	9005	0.55	23.3	0.0	13.93	13.93	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	206	100.0	8888	0.55	24.0	0.0	14.38	14.38	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	237	100.0	9102	0.55	22.1	0.0	15.22	15.22	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	148	100.0	8951	0.55	21.7	0.0	15.73	15.73	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
THE UNITED ILLUMINATING CO																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8502	100.0	145936	0.32	0.0	11.76	11.76	25*	0.3	137087	13.68
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8079	100.0	146016	0.27	0.0	13.80	13.80	26*	0.3	137117	15.80
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8867	100.0	146643	0.32	0.0	12.91	12.91	21*	0.2	137328	16.33
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	8366	100.0	147744	0.43	0.0	20.05	20.05	11*	0.1	137572	26.35
TRAVERSE, CITY OF																			
1976	61	100.0	12892	0.77	6.8	0.0	30.04	30.04	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	62	100.0	12503	0.89	8.9	0.0	32.87	32.87	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	58	100.0	12706	0.95	9.0	0.0	43.27	43.27	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	24	100.0	12763	0.88	7.2	0.0	45.72	45.72	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
UNION ELECTRIC																			
1976	11998	89.8	11171	2.85	10.3	20.52	14.23	14.87	508	100.0	150544	1.81	0.0	10.92	10.92	757*	59.8	137129	14.08
1977	12190	86.8	11175	2.52	10.1	27.96	16.19	17.75	519	100.0	151819	1.81	0.0	12.45	12.45	757*	59.3	137006	16.15
1978	11739	81.0	10918	1.86	9.6	35.66	21.07	23.84	485	100.0	153359	1.88	0.0	12.41	12.41	1014*	67.7	136988	15.85
1979	12341	95.0	10999	1.83	9.5	39.24	23.90	24.66	443	97.7	153008	1.72	34.02	15.89	16.30	532*	54.6	137213	22.12

NATURAL GAS						TOTAL QUANTITY DELIVERED IN BILLION BTUS				% OF TOTAL BTUS			TOTAL DELIVERED FUEL COST IN $1000				% OF FUEL COST		
AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE PER MCF IRPI	FIRM	TOTL	% FIRM/ TOTAL	COAL	OIL	GAS	TOTAL	COAL	OIL	GAS	COAL	OIL	GAS	TOTAL	COAL	OIL	GAS
THE DAYTON POWER & LIGHT CO																			
0	0	0.0	0.0	0.0	0.0	140473	2817	0	143290	98.0	2.0	0.0	137578	7004	0	144582	95.2	4.8	0.0
0	0	0.0	0.0	0.0	0.0	158248	2878	0	161126	98.2	1.8	0.0	172468	8172	0	180640	95.5	4.5	0.0
0	0	0.0	0.0	0.0	0.0	121365	3763	0	125128	97.0	3.0	0.0	156463	10681	0	167144	93.6	6.4	0.0
302	1010	2.59	0.0	2.59	0.0	166335	1359	305	167999	99.0	0.8	0.2	229860	5623	782	236265	97.3	2.4	0.3
THE DETROIT EDISON CO																			
42680*	689	0.14	1.64	1.14	67.0	291128	44719	29424	365270	79.7	12.2	8.1	286431	101620	48725	436776	65.6	23.3	11.2
22448*	581	0.13	2.00	1.12	53.1	312236	53143	13045	378424	82.5	14.0	3.4	328440	141784	25188	495413	66.3	28.6	5.1
19816*	634	0.10	2.21	1.34	58.7	273513	48303	12573	334388	81.8	14.4	3.8	335231	133140	26546	494916	67.7	26.9	5.4
25703*	589	0.12	2.49	1.40	54.0	334084	36216	15141	385440	86.7	9.4	3.9	479154	121137	35937	636228	75.3	19.0	5.6
THE HARTFORD ELEC LIGHT CO(NU)																			
0	0	0.0	0.0	0.0	0.0	0	24375	0	24375	0.0	100.0	0.0	0	47701	0	47701	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	23996	0	23996	0.0	100.0	0.0	0	53710	0	53710	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	24608	0	24608	0.0	100.0	0.0	0	52959	0	52959	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	22665	0	22665	0.0	100.0	0.0	0	76366	0	76366	0.0	100.0	0.0
THE KANSAS POWER & LIGHT CO																			
31375	1004	0.80	0.0	0.80	0.0	21587	14360	31510	67457	32.0	21.3	46.7	23117	25594	25248	73959	31.3	34.6	34.1
36489	1011	1.05	0.0	1.05	0.0	29410	11270	36905	77585	37.9	14.5	47.6	30485	24319	38348	93152	32.7	26.1	41.2
26688	1007	1.26	0.0	1.26	0.0	63774	9427	26875	100076	63.7	9.4	26.9	61539	19352	33572	114463	53.8	16.9	29.3
19917	1000	1.33	0.0	1.33	0.0	89613	5182	19917	114711	78.1	4.5	17.4	95645	12817	26400	134862	70.9	9.5	19.6
THE MONTANA POWER CO																			
385	1202	0.0	0.48	0.48	100.0	34574	351	463	35388	97.7	1.0	1.3	9069	968	185	10222	88.7	9.5	1.8
723	1177	1.45	0.55	0.79	73.4	50671	1015	851	52536	96.4	1.9	1.6	12903	2306	568	15777	81.8	14.6	3.6
643	1152	0.0	0.81	0.81	100.0	52431	325	741	53496	98.0	0.6	1.4	15493	1034	519	17046	90.9	6.1	3.0
1744	1084	0.0	2.28	2.28	100.0	55929	452	1892	58273	96.0	0.8	3.2	18426	1364	3983	23773	77.5	5.7	16.8
THE NARRAGANSETT ELEC CO(NEES)																			
0	0	0.0	0.0	0.0	0.0	0	6130	0	6130	0.0	100.0	0.0	0	11283	0	11283	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	8028	0	8028	0.0	100.0	0.0	0	16592	0	16592	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	7169	0	7169	0.0	100.0	0.0	0	14636	0	14636	0.0	100.0	0.0
1337	1046	2.58	0.0	2.58	0.0	0	6955	1399	8354	0.0	83.3	16.7	0	22168	3455	25623	0.0	86.5	13.5
THE POTOMAC EDISON CO-MD (APS)																			
0	0	0.0	0.0	0.0	0.0	8572	15	0	8587	99.8	0.2	0.0	8279	42	0	8322	99.5	0.5	0.0
0	0	0.0	0.0	0.0	0.0	8679	33	0	8712	99.6	0.4	0.0	7129	92	0	7221	98.7	1.3	0.0
0	0	0.0	0.0	0.0	0.0	7342	28	0	7370	99.6	0.4	0.0	6894	80	0	6974	98.9	1.1	0.0
0	0	0.0	0.0	0.0	0.0	5314	37	0	5351	99.3	0.7	0.0	5218	143	0	5361	97.3	2.7	0.0
THE TOLEDO EDISON CO																			
1707*	532	0.70	0.70	0.70	17.3	54152	935	908	55995	96.7	1.7	1.6	58452	1720	1195	61368	95.2	2.8	1.9
1882*	535	0.92	0.75	0.76	92.0	56545	1625	1006	59176	95.6	2.7	1.7	65776	4060	1438	71274	92.3	5.7	2.0
1898*	559	2.44	0.95	0.96	99.8	46394	922	1061	48376	95.9	1.9	2.2	63514	2246	1819	67579	94.0	3.3	2.7
958*	587	1.06	0.93	1.03	24.0	45621	794	562	46977	97.1	1.7	1.2	74783	2456	984	78223	95.6	3.1	1.3
THE TUCSON GAS & ELECTRIC CO																			
5626	1069	0.0	0.89	0.89	100.0	0	10204	6014	16218	0.0	62.9	37.1	0	22365	4985	27349	0.0	81.8	18.2
10048	1064	0.0	1.17	1.17	100.0	0	19775	10691	30466	0.0	64.9	35.1	0	45696	11711	57407	0.0	79.6	20.4
21348	1063	0.0	1.46	1.46	100.0	0	7795	22686	30480	0.0	25.6	74.4	0	18821	31169	49990	0.0	37.6	62.4
18399	1055	0.0	2.41	2.41	100.0	0	5078	19410	24488	0.0	20.7	79.3	0	15281	44384	59665	0.0	25.6	74.4
THE UNITED GAS IMP CO																			
0	0	0.0	0.0	0.0	0.0	2945	0	0	2945	100.0	0.0	0.0	2278	0	0	2278	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	3653	0	0	3653	100.0	0.0	0.0	2955	0	0	2955	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	4317	0	0	4317	100.0	0.0	0.0	3609	0	0	3609	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2656	0	0	2656	100.0	0.0	0.0	2335	0	0	2335	100.0	0.0	0.0
THE UNITED ILLUMINATING CO																			
0	0	0.0	0.0	0.0	0.0	0	52256	0	52256	0.0	100.0	0.0	0	100358	0	100358	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	49697	0	49697	0.0	100.0	0.0	0	111877	0	111877	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	54733	0	54733	0.0	100.0	0.0	0	114842	0	114842	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	51978	0	51978	0.0	100.0	0.0	0	168029	0	168029	0.0	100.0	0.0
TRAVERSE, CITY OF																			
526	1065	1.35	0.0	1.35	0.0	1573	0	560	2133	73.7	0.0	26.3	1832	0	711	2543	72.0	0.0	28.0
412	1031	1.66	0.0	1.66	0.0	1550	0	425	1975	78.5	0.0	21.5	2038	0	685	2723	74.8	0.0	25.2
605	1037	1.83	0.0	1.83	0.0	1474	0	628	2102	70.1	0.0	29.9	2510	0	1110	3619	69.3	0.0	30.7
485	1031	2.22	0.0	2.22	0.0	613	0	500	1113	55.1	0.0	44.9	1097	0	1075	2173	50.5	0.0	49.5
UNION ELECTRIC																			
706	1028	1.42	0.0	1.42	0.0	268057	7572	726	276355	97.0	2.7	0.3	178424	6202	1003	195629	91.2	8.3	0.5
3425	1033	1.99	0.0	1.99	0.0	272438	7665	3538	283640	96.1	2.7	1.2	216376	18687	6831	241893	89.5	7.7	2.8
2313	1033	2.01	0.0	2.01	0.0	256329	8961	2390	267680	95.8	3.3	0.9	279891	22102	4642	306635	91.3	7.2	1.5
1286	1035	2.55	0.0	2.55	0.0	271474	5913	1330	278717	97.4	2.1	0.5	304336	18990	3280	326607	93.2	5.8	1.0

YEAR	COAL QUAN. DELIV. 1000 TONS	COAL QUAN. DELIV. % ON CONTR	COAL AVERAGE CONTENT BTU/LB	COAL AVERAGE CONTENT SULF WT %	COAL AVERAGE CONTENT ASH WT %	COAL AVERAGE PRICE IN $ PER TON SPOT	COAL AVERAGE PRICE IN $ PER TON CONTR	COAL AVERAGE PRICE IN $ PER TON TOTAL	RESIDUAL OIL #6 QUAN. DELIV. 1000 BBLS	RESIDUAL OIL #6 QUAN. DELIV. % ON CONTR	RESIDUAL OIL #6 AV. CONTENT BTU/GAL	RESIDUAL OIL #6 AV. CONTENT SULF WT %	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL SPOT	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL CONTR	RESIDUAL OIL #6 AVERAGE PRICE IN $ PER BBL TOTAL	FUEL OIL # 2 QUAN 1000 BBLS	FUEL OIL # 2 % OF TOTAL #2+#6	FUEL OIL # 2 BTU CONT/GAL	FUEL OIL # 2 AV. PRICE $/BBL
UNITED POWER ASSOCIATION																			
1976	791	99.8	6881	0.71	9.4	20.86	4.54	4.57	20*	0.0	139542	1.43	13.80	0.0	13.80	17	45.4	137299	14.45
1977	732	100.0	6827	0.65	8.9	0.0	5.97	5.97	8*	0.0	139470	1.37	15.26	0.0	15.26	46	84.6	137156	16.03
1978	814	99.0	7049	0.61	8.8	44.83	7.28	7.66	0	0.0	0	0.0	0.0	0.0	0.0	8	100.0	137550	17.26
1979	1087	98.7	7020	0.65	10.7	38.46	9.68	10.06	0	0.0	0	0.0	0.0	0.0	0.0	14	100.0	137950	26.93
UNIVERSITY OF ILLINOIS																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	406	100.0	138544	13.04
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	423	100.0	138853	15.39
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	423	100.0	138525	15.87
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	391	100.0	138728	23.33
UPPER PENINSULA GEN CO																			
1976	1187	37.2	12470	0.91	8.9	30.03	34.81	31.81	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	925	95.1	11491	0.79	8.5	30.38	31.17	31.13	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	1186	100.0	10813	1.45	8.3	0.0	32.64	32.64	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	2120	100.0	10538	0.57	6.9	0.0	35.46	35.46	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
UPPER PENINSULA POWER																			
1976	89	100.0	12304	0.87	9.5	0.0	30.08	30.08	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	29	0.0	12651	1.72	10.0	30.62	0.0	30.62	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	98	0.0	12766	1.70	8.9	36.66	0.0	36.66	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	58	100.0	12863	1.53	9.0	0.0	41.24	41.24	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
UTAH POWER & LIGHT																			
1976	3787	100.0	10596	0.51	8.8	0.0	11.39	11.39	31	38.7	152206	0.40	9.57	9.35	9.48	339	91.6	140000	14.64
1977	5149	100.0	10563	0.59	9.7	0.0	13.69	13.69	218	100.0	158582	0.40	0.0	13.16	13.16	77	26.1	140000	15.27
1978	5094	100.0	10727	0.55	9.6	0.0	15.88	15.88	73	61.6	149442	0.30	11.63	10.07	10.67	80	52.3	140000	14.80
1979	6749	100.0	10943	0.53	8.8	0.0	19.88	19.88	163	0.0	145114	0.40	16.11	0.0	16.11	110	40.3	140000	27.64
UTIL BD CITY OF KEY WEST																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	676	100.0	146775	2.19	0.0	9.38	9.38	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	665	100.0	148037	2.19	0.0	11.78	11.78	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	736	99.3	147763	2.17	11.69	11.78	11.77	6	0.7	135912	18.24
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	630	100.0	148304	2.14	0.0	17.06	17.06	103	14.1	135418	26.38
VERO BEACH MUNI UTILS																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	497*	100.0	148873	1.94	0.0	11.49	11.49	7	1.3	138000	13.93
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	378*	100.0	147291	1.31	0.0	14.47	14.47	1	0.3	138000	15.41
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	279*	100.0	148309	1.76	0.0	12.44	12.44	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	212*	100.0	149198	2.08	0.0	17.21	17.21	0	0.0	0	0.0
VINELAND, CITY OF																			
1976	2	100.0	13300	0.82	10.0	0.0	31.73	31.73	291	100.0	145720	0.84	0.0	11.95	11.95	95	24.5	143864	13.14
1977	61	97.2	11899	1.16	12.1	31.18	32.11	32.08	283	100.0	145733	1.18	0.0	14.13	14.13	33	10.4	137210	15.76
1978	58	100.0	12389	1.44	11.8	0.0	38.99	38.99	194	100.0	145890	1.01	0.0	12.82	12.82	64	24.8	137709	16.18
1979	88	100.0	12570	1.33	10.6	0.0	41.33	41.33	247	100.0	150225	1.84	0.0	18.71	18.71	37	12.9	138800	20.85
VIRGINIA, MINN DEPT OF PUB UTIL																			
1976	124	98.8	8830	0.83	10.1	23.35	19.11	19.16	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	114	99.3	9196	0.83	9.7	50.60	22.18	22.38	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	124	100.0	8967	0.87	9.8	0.0	23.05	23.05	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	127	100.0	8861	0.90	9.8	0.0	26.18	26.18	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
VIRGINIA ELECTRIC & POWER																			
1976	5740	58.3	11761	1.44	14.9	20.82	23.79	22.55	23828	99.0	147922	1.62	11.00	11.10	11.10	2021*	7.8	139930	14.21
1977	5331	55.2	11763	1.55	15.1	24.58	25.82	25.27	26279	92.2	148196	1.62	13.71	13.29	13.32	2788*	9.6	139969	16.30
1978	4149	63.1	11651	1.63	16.1	24.97	33.18	30.15	25045	100.0	149168	1.66	0.0	12.36	12.36	2421*	8.8	139993	16.30
1979	4834	74.8	11872	1.59	15.2	29.48	34.95	33.57	22888	87.1	149554	1.48	21.94	18.03	18.53	1620*	6.6	139994	24.45
WASHINGTON WTR PWR CO																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0*	100.0	133507	15.08
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	1*	100.0	133500	15.71
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	12*	100.0	134976	16.78
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	12*	100.0	135000	28.07
WELLINGTON,CITY OF																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	3	100.0	138887	13.92
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	2	100.0	139150	15.37
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	1	100.0	139150	15.36
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	100.0	139600	32.32
WEST PENN POWER (APS)																			
1976	5798	76.1	12293	2.28	13.7	21.65	19.26	19.83	160	100.0	150262	0.26	0.0	16.27	16.27	52	24.4	137892	14.08
1977	5648	82.0	12210	2.21	13.8	21.09	19.63	19.89	863	100.0	147515	0.45	0.0	14.81	14.81	191	18.1	142258	15.92
1978	4010	86.7	12201	2.22	14.3	21.00	23.61	23.26	1953	100.0	149964	0.58	0.0	14.59	14.59	347	15.1	138032	16.85
1979	5528	97.2	12216	2.31	13.2	25.80	25.20	25.21	596	100.0	150690	0.53	0.0	19.19	19.19	87	12.7	138757	21.48

NATURAL GAS						TOTAL QUANTITY DELIVERED							TOTAL DELIVERED FUEL COST						
AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPT	FIRM	TOTL	% FIRM/ TOTAL	IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
UNITED POWER ASSOCIATION																			
11	1000	1.04	0.0	1.04	0.0	10880	214	11	11105	98.0	1.9	0.1	3616	519	11	4146	87.2	12.5	0.3
0	0	0.0	0.0	0.0	0.0	9987	311	0	10299	97.0	3.0	0.0	4369	858	0	5227	83.6	16.4	0.0
0	0	0.0	0.0	0.0	0.0	11474	44	0	11519	99.6	0.4	0.0	6234	133	0	6367	97.9	2.1	0.0
0	0	0.0	0.0	0.0	0.0	15258	78	0	15337	99.5	0.5	0.0	10937	365	0	11301	96.8	3.2	0.0
UNIVERSITY OF ILLINOIS																			
0	0	0.0	0.0	0.0	0.0	0	2361	0	2361	0.0	100.0	0.0	0	5289	0	5289	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	2469	0	2469	0.0	100.0	0.0	0	6515	0	6515	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	2460	0	2460	0.0	100.0	0.0	0	6712	0	6712	0.0	100.0	0.0
119	1000	0.0	2.70	2.70	100.0	0	2281	119	2400	0.0	95.0	5.0	0	9132	321	9453	0.0	96.6	3.4
UPPER PENINSULA GEN CO																			
0	0	0.0	0.0	0.0	0.0	29604	0	0	29604	100.0	0.0	0.0	37757	0	0	37757	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	21258	0	0	21258	100.0	0.0	0.0	28799	0	0	28799	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	25648	0	0	25648	100.0	0.0	0.0	38709	0	0	38709	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	44680	0	0	44680	100.0	0.0	0.0	75179	0	0	75179	100.0	0.0	0.0
UPPER PENINSULA POWER																			
0	0	0.0	0.0	0.0	0.0	2190	0	0	2190	100.0	0.0	0.0	2677	0	0	2677	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	734	0	0	734	100.0	0.0	0.0	888	0	0	888	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2502	0	0	2502	100.0	0.0	0.0	3592	0	0	3592	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1492	0	0	1492	100.0	0.0	0.0	2392	0	0	2392	100.0	0.0	0.0
UTAH POWER & LIGHT																			
2359	951	0.90	0.83	0.90	3.3	80256	2192	2243	84692	94.8	2.6	2.6	43118	5259	2118	50495	85.4	10.4	4.2
4722	944	1.04	0.0	1.04	0.0	108780	1905	4457	115142	94.5	1.7	3.9	70499	4045	4915	79460	88.7	5.1	6.2
2982	948	1.27	0.0	1.27	0.0	109283	929	2827	113038	96.7	0.8	2.5	80868	1963	3793	86625	93.4	2.3	4.4
5588	962	1.57	0.0	1.57	0.0	147708	1640	5373	154722	95.5	1.1	3.5	134200	5666	8754	148620	90.3	3.8	5.9
UTIL BD CITY OF KEY WEST																			
0	0	0.0	0.0	0.0	0.0	0	4169	0	4169	0.0	100.0	0.0	0	6345	0	6345	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	4137	0	4137	0.0	100.0	0.0	0	7834	0	7834	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	4596	0	4596	0.0	100.0	0.0	0	8761	0	8761	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	4511	0	4511	0.0	100.0	0.0	0	13471	0	13471	0.0	100.0	0.0
VERO BEACH MUNI UTILS																			
120	1056	0.75	0.0	0.75	0.0	0	3146	127	3273	0.0	96.1	3.9	0	5803	90	5893	0.0	98.5	1.5
1344	1056	0.96	1.10	1.00	24.6	0	2344	1419	3763	0.0	62.3	37.7	0	5484	1339	6823	0.0	80.4	19.6
2108	1056	0.0	1.13	1.13	100.0	0	1739	2226	3965	0.0	43.9	56.1	0	3472	2381	5853	0.0	59.3	40.7
2965	1056	1.44	1.26	1.43	10.2	0	1329	3131	4460	0.0	29.8	70.2	0	3648	4228	7876	0.0	46.3	53.7
VINELAND, CITY OF																			
0	0	0.0	0.0	0.0	0.0	43	2350	0	2392	1.8	98.2	0.0	51	4716	0	4766	1.1	98.9	0.0
0	0	0.0	0.0	0.0	0.0	1448	1921	0	3369	43.0	57.0	0.0	1952	4515	0	6467	30.2	69.8	0.0
0	0	0.0	0.0	0.0	0.0	1443	1560	0	3004	48.1	51.9	0.0	2271	3527	0	5798	39.2	60.8	0.0
0	0	0.0	0.0	0.0	0.0	2225	1775	0	4000	55.6	44.4	0.0	3657	5396	0	9053	40.4	59.6	0.0
VIRGINIA, MINN DEPT OF PUB UTIL																			
0	0	0.0	0.0	0.0	0.0	2181	0	0	2181	100.0	0.0	0.0	2366	0	0	2366	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2103	0	0	2103	100.0	0.0	0.0	2559	0	0	2559	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2224	0	0	2224	100.0	0.0	0.0	2858	0	0	2858	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	2254	0	0	2254	100.0	0.0	0.0	3330	0	0	3330	100.0	0.0	0.0
VIRGINIA ELECTRIC & POWER																			
373*	1102	1.30	0.0	1.30	0.0	135021	159914	411	295346	45.7	54.1	0.1	129462	293184	484	423130	30.6	69.3	0.1
1204*	1181	1.94	0.0	1.94	0.0	125417	179956	1422	306795	40.9	58.7	0.5	134690	395571	2336	532597	25.3	74.3	0.4
727*	1275	2.17	0.0	2.17	0.0	96679	171143	927	268749	36.0	63.7	0.3	125106	349033	1581	475720	26.3	73.4	0.3
2971*	1111	2.50	0.0	2.50	0.0	114778	153291	3301	271371	42.3	56.5	1.2	162290	463807	7437	633534	25.6	73.2	1.2
WASHINGTON WTR PWR CO																			
0	0	0.0	0.0	0.0	0.0	0	2	0	2	0.0	100.0	0.0	0	6	0	6	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	5	0	5	0.0	100.0	0.0	0	14	0	14	0.0	100.0	0.0
0	0	0.0	0.0	0.0	0.0	0	66	0	66	0.0	100.0	0.0	0	196	0	196	0.0	100.0	0.0
185	1030	3.08	2.60	2.72	74.4	0	67	190	258	0.0	26.2	73.8	0	334	503	837	0.0	39.9	60.1
WELLINGTON,CITY OF																			
755	1057	0.71	0.0	0.71	0.0	0	19	798	817	0.0	2.3	97.7	0	46	538	584	0.0	7.8	92.2
754	1027	1.03	0.0	1.03	0.0	0	11	775	786	0.0	1.4	98.6	0	29	774	803	0.0	3.6	96.4
814	1025	1.06	0.0	1.06	0.0	0	5	834	839	0.0	0.6	99.4	0	13	864	877	0.0	1.5	98.5
919	1005	1.40	0.0	1.40	0.0	0	2	923	925	0.0	0.2	99.8	0	12	1282	1294	0.0	0.9	99.1
WEST PENN POWER (APS)																			
29	1000	0.0	1.64	1.64	100.0	142553	1309	29	143892	99.1	0.9	0.0	114966	3332	48	118345	97.1	2.8	0.0
11	1000	0.0	2.07	2.07	100.0	137926	6491	11	144428	95.5	4.5	0.0	112361	15831	23	128216	87.6	12.3	0.0
123	1000	0.0	2.53	2.53	100.0	97862	14312	123	112297	87.1	12.7	0.1	93274	34347	310	127931	72.9	26.8	0.2
176	1000	2.57	2.38	2.57	0.5	135046	4276	176	139498	96.8	3.1	0.1	139376	13292	453	153121	91.0	8.7	0.3

	COAL								RESIDUAL OIL #6							FUEL OIL # 2			
	QUAN. DELIV.		AVERAGE CONTENT			AVERAGE PRICE IN $ PER TON			QUAN. DELIV.		AV. CONTENT		AVERAGE PRICE IN $ PER BBL			QUAN	% OF	BTU	AV.
YEAR	1000 TONS	% ON CONTR	BTU/ LB	SULF WT %	ASH WT %	SPOT	CONTR	TOTAL	1000 BBLS	% ON CONTR	BTU/ GAL	SULF WT %	SPOT	CONTR	TOTAL	1000 BBLS	TOTAL #2+#6	CONT/ GAL	PRICE $/BBL
WEST TEXAS UTILITIES (CSW)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	460*	100.0	145466	0.55	0.0	10.98	10.98	16	3.4	140586	11.67
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	155*	100.0	149305	0.58	0.0	13.18	13.18	46	22.9	140928	12.38
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	45*	100.0	149317	0.58	0.0	13.44	13.44	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	94*	11.7	144353	0.33	20.92	13.89	20.10	8	7.8	139345	30.14
WESTERN FARMERS ELECTRIC COOP																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	21	100.0	138500	12.63
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	7*	0.0	148000	2.00	12.20	0.0	12.20	114	94.1	138500	15.80
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	84	100.0	138500	16.45
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
W ILLINOIS PWR COOP																			
1976	73	100.0	11136	3.33	11.8	0.0	19.44	19.44	0	0.0	0	0.0	0.0	0.0	0.0	8	100.0	138000	14.60
1977	78	96.1	10825	3.14	12.3	20.08	18.91	18.95	0	0.0	0	0.0	0.0	0.0	0.0	39	100.0	137588	16.83
1978	68	95.3	10425	3.17	12.1	20.73	22.20	22.13	0	0.0	0	0.0	0.0	0.0	0.0	65	100.0	137274	17.34
1979	57	83.0	11263	2.97	10.2	24.89	25.86	25.70	0	0.0	0	0.0	0.0	0.0	0.0	4	100.0	137300	30.03
WESTERN MASS ELECTRIC (NU)																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	716	100.0	146926	0.83	0.0	12.29	12.29	27*	3.6	137874	14.44
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	651	100.0	148156	1.88	0.0	13.22	13.22	21	3.1	137557	15.81
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1285	100.0	148878	2.03	0.0	12.30	12.30	16	1.2	138375	15.87
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	1259	100.0	149140	2.04	0.0	16.72	16.72	19	1.5	138021	24.76
WILLMAR MUN UTIL COMM																			
1976	42	100.0	10622	1.36	7.4	0.0	27.10	27.10	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	59	100.0	9010	0.72	6.9	0.0	21.58	21.58	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	63	100.0	8626	0.76	8.3	0.0	21.99	21.99	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	69	100.0	8869	0.87	8.4	0.0	26.48	26.48	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
WINFIELD MUN ELEC LT DEPT																			
1976	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	18	100.0	142000	13.44
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	53	100.0	142000	14.86
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	48	100.0	141555	14.99
1979	6	100.0	8500	0.74	8.5	0.0	23.00	23.00	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
WINNETKA, VILLAGE OF																			
1976	3	0.0	10249	0.69	3.4	42.55	0.0	42.55	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	6	0.0	10100	0.69	3.4	49.26	0.0	49.26	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	2	0.0	10100	0.69	3.4	54.54	0.0	54.54	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	2	100.0	138000	28.72
WISCONSIN ELECTRIC POWER																			
1976	4532	99.7	11380	2.33	9.7	18.67	18.94	18.94	0	0.0	0	0.0	0.0	0.0	0.0	592	100.0	138012	13.25
1977	3989	90.9	11261	2.43	9.9	27.09	19.89	20.54	0	0.0	0	0.0	0.0	0.0	0.0	747	100.0	138321	15.51
1978	4053*	92.8	11419	2.52	10.2	27.29	25.36	25.50	0	0.0	0	0.0	0.0	0.0	0.0	1398	100.0	136959	15.31
1979	4062	100.0	11703	2.47	9.6	0.0	30.30	30.30	0	0.0	0	0.0	0.0	0.0	0.0	520	100.0	137748	20.34
WISCONSIN POWER & LIGHT																			
1976	3769*	96.2	9638	1.77	9.3	25.07	15.27	15.64	0	0.0	0	0.0	0.0	0.0	0.0	59	100.0	136553	13.97
1977	3804*	94.1	9587	1.70	9.6	21.36	16.60	16.88	0	0.0	0	0.0	0.0	0.0	0.0	658	100.0	139200	15.59
1978	4534*	90.7	9366	1.37	7.8	23.96	18.81	19.30	0	0.0	0	0.0	0.0	0.0	0.0	184	100.0	139740	15.94
1979	5697*	87.7	9282	1.40	7.6	23.51	21.15	21.44	0	0.0	0	0.0	0.0	0.0	0.0	8	100.0	139740	33.58
WISCONSIN PUBLIC SERVICE CORP																			
1976	1067*	100.0	11784	2.82	11.0	26.41	26.07	26.08	0	0.0	0	0.0	0.0	0.0	0.0	111*	100.0	137322	14.38
1977	1116*	95.7	11898	3.24	11.0	29.14	27.81	27.86	0	0.0	0	0.0	0.0	0.0	0.0	157*	100.0	137727	14.74
1978	1073*	99.5	11849	3.24	10.9	31.52	31.14	31.14	0	0.0	0	0.0	0.0	0.0	0.0	62	100.0	138000	14.02
1979	1368*	58.2	11814	3.27	11.5	30.62	35.34	33.36	0	0.0	0	0.0	0.0	0.0	0.0	294	100.0	137070	17.17
WYANDOTTE DEPT OF MUN SERVICE																			
1976	161	100.0	14113	1.27	6.1	0.0	16.65	16.65	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1977	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1978	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0
1979	0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	0.0	0	0.0	0.0	0.0	0.0	0	0.0	0	0.0

NATURAL GAS AMOUNT IN 1000 MCF	BTU CONT/ CU FT	AVERAGE PRICE IN $ PER MCF IRPI	EIRM	TOTL	% FIRM/ TOTAL	TOTAL QUANTITY DELIVERED IN BILLION BTUS COAL	OIL	GAS	TOTAL	% OF TOTAL BTUS COAL	OIL	GAS	TOTAL DELIVERED FUEL COST IN $1000 COAL	OIL	GAS	TOTAL	% OF FUEL COST COAL	OIL	GAS
WEST TEXAS UTILITIES (CSW)																			
42030	1038	1.46	0.21	1.16	24.1	0	2902	43648	46550	0.0	6.2	93.8	0	5233	48741	53974	0.0	9.7	90.3
48584	1019	1.71	0.23	1.38	21.7	0	1243	49522	50765	0.0	2.4	97.6	0	2610	67287	69897	0.0	3.7	96.3
48413	1024	1.93	0.27	1.58	20.9	0	283	49581	49865	0.0	0.6	99.4	0	607	76571	77178	0.0	0.8	99.2
46556	1027	2.11	0.49	1.75	22.1	0	617	47821	48438	0.0	1.3	98.7	0	2130	81405	83535	0.0	2.6	97.4
WESTERN FARMERS ELECTRIC COOP																			
20385	1050	0.82	0.97	0.97	99.3	0	122	21408	21531	0.0	0.6	99.4	0	265	19759	20024	0.0	1.3	98.7
22693	1045	1.89	1.30	1.31	97.8	0	705	23713	24418	0.0	2.9	97.1	0	1883	29749	31631	0.0	6.0	94.0
25247	1025	0.0	1.48	1.48	100.0	0	489	25868	26357	0.0	1.9	98.1	0	1383	37463	38846	0.0	3.6	96.4
23321	1040	1.95	1.63	1.70	76.4	0	0	24252	24252	0.0	0.0	100.0	0	0	39684	39684	0.0	0.0	100.0
W ILLINOIS PWR COOP																			
0	0	0.0	0.0	0.0	0.0	1634	45	0	1679	97.3	2.7	0.0	1426	114	0	1540	92.6	7.4	0.0
0	0	0.0	0.0	0.0	0.0	1695	227	0	1922	88.2	11.8	0.0	1484	661	0	2145	69.2	30.8	0.0
0	0	0.0	0.0	0.0	0.0	1415	376	0	1791	79.0	21.0	0.0	1501	1132	0	2633	57.0	43.0	0.0
0	0	0.0	0.0	0.0	0.0	1289	24	0	1314	98.1	1.9	0.0	1471	127	0	1598	92.1	7.9	0.0
WESTERN MASS ELECTRIC (NU)																			
812	1000	1.55	0.0	1.55	0.0	0	4575	812	5387	0.0	84.9	15.1	0	9188	1259	10446	0.0	88.0	12.0
648	1000	1.90	0.0	1.90	0.0	0	4172	648	4820	0.0	86.6	13.4	0	8940	1231	10171	0.0	87.9	12.1
443	1000	1.83	0.0	1.83	0.0	0	8128	443	8571	0.0	94.8	5.2	0	16055	812	16866	0.0	95.2	4.8
3268	1000	2.82	0.0	2.82	0.0	0	7996	3268	11264	0.0	71.0	29.0	0	21515	9206	30720	0.0	70.0	30.0
WILLMAR MUN UTIL COMM																			
0	0	0.0	0.0	0.0	0.0	899	0	0	899	100.0	0.0	0.0	1147	0	0	1147	100.0	0.0	0.0
9	1000	1.14	0.0	1.14	0.0	1067	0	9	1076	99.2	0.0	0.8	1278	0	10	1288	99.2	0.0	0.8
0	0	0.0	0.0	0.0	0.0	1081	0	0	1081	100.0	0.0	0.0	1379	0	0	1379	100.0	0.0	0.0
0	0	0.0	0.0	0.0	0.0	1219	0	0	1219	100.0	0.0	0.0	1820	0	0	1820	100.0	0.0	0.0
WINFIELD MUN ELEC LT DEPT																			
848	1138	0.97	0.0	0.97	0.0	0	107	965	1071	0.0	10.0	90.0	0	240	820	1060	0.0	22.7	77.3
10	1137	0.97	0.97	0.97	9.3	0	316	12	327	0.0	96.5	3.5	0	786	10	796	0.0	98.8	1.2
2	1130	0.96	1.60	1.13	26.5	0	288	2	291	0.0	99.2	0.8	0	727	2	729	0.0	99.7	0.3
708	1129	1.86	1.67	1.86	0.6	98	0	799	897	10.9	0.0	89.1	132	0	1313	1446	9.1	0.0	90.9
WINNETKA, VILLAGE OF																			
86	1030	1.82	0.0	1.82	0.0	68	0	89	157	43.5	0.0	56.5	142	0	157	299	47.5	0.0	52.5
34	1020	2.23	0.0	2.23	0.0	124	0	34	159	78.3	0.0	21.7	303	0	75	379	80.1	0.0	19.9
51	1016	2.28	0.0	2.28	0.0	40	0	51	91	43.6	0.0	56.4	107	0	116	223	48.2	0.0	51.8
37	1021	2.97	0.0	2.97	0.0	0	12	38	50	0.0	23.8	76.2	0	59	110	169	0.0	34.7	65.3
WISCONSIN ELECTRIC POWER																			
1820	1017	1.47	0.0	1.47	0.0	103151	3434	1852	108437	95.1	3.2	1.7	85847	7849	2670	96366	89.1	8.1	2.8
2040	1016	1.89	0.0	1.89	0.0	89832	4341	2071	96244	93.3	4.5	2.2	81911	11585	3849	97345	84.1	11.9	4.0
2746	1012	2.02	0.0	2.02	0.0	92568	8045	2780	103393	89.5	7.8	2.7	103350	21417	5542	130310	79.3	16.4	4.3
12289	1013	2.31	0.0	2.31	0.0	95087	3006	12453	110546	86.0	2.7	11.3	123088	10566	28379	162033	76.0	6.5	17.5
WISCONSIN POWER & LIGHT																			
1450	1001	1.00	0.0	1.00	0.0	72653	337	1451	74442	97.6	0.5	1.9	58944	821	1443	61208	96.3	1.3	2.4
467	1002	1.89	0.0	1.89	0.0	72930	3844	469	77243	94.4	5.0	0.6	64207	10248	882	75336	85.2	13.6	1.2
2359	991	2.06	2.15	2.11	49.6	84938	1082	2339	88360	96.1	1.2	2.6	87492	2940	4968	95400	91.7	3.1	5.2
1088	995	2.81	2.82	2.81	4.3	105762	48	1082	106892	98.9	0.0	1.0	122157	273	3054	125484	97.3	0.2	2.4
WISCONSIN PUBLIC SERVICE CORP																			
2699	1021	1.36	0.0	1.36	0.0	25147	638	2756	28541	88.1	2.2	9.7	27822	1590	3661	33073	84.1	4.8	11.1
948	1021	1.76	0.0	1.76	0.0	26557	909	968	28435	93.4	3.2	3.4	31096	2317	1673	35086	88.6	6.6	4.8
1353	1017	1.80	0.0	1.80	0.0	25433	358	1376	27167	93.6	1.3	5.1	33424	865	2435	36724	91.0	2.4	6.6
548	1018	2.24	2.69	2.28	8.2	32318	1692	558	34568	93.5	4.9	1.6	45634	5045	1248	51927	87.9	9.7	2.4
WYANDOTTE DEPT OF MUN SERVICE																			
2199	1011	1.33	1.45	1.37	34.5	4544	0	2223	6768	67.1	0.0	32.9	2681	0	3023	5704	47.0	0.0	53.0
2085	1011	1.65	1.79	1.70	37.5	0	0	2108	2108	0.0	0.0	100.0	0	0	3551	3551	0.0	0.0	100.0
2503	1011	1.82	1.96	1.84	17.0	0	0	2531	2531	0.0	0.0	100.0	0	0	4617	4617	0.0	0.0	100.0
2154	1011	2.19	2.48	2.21	7.8	0	0	2178	2178	0.0	0.0	100.0	0	0	4770	4770	0.0	0.0	100.0

Explanation Notes To Appendix B

Coal : Includes all types of coal, imported coal, and relatively small quantities of petroleum coke. Tonnages followed by an asterisk include some petroleum coke.

Residual Oil #6: Includes F04, F05, F06, crude, and topped crude. An asterisk following the quantities identifies the utilities receiving various heavy fuels in addition to F06.

Fuel Oil #2 : Includes F02, kerosene, jet-fuel, re-refined motor oil, and LPG. An asterisk identifies the utilities receiving various light fuel oils in addition to F02.

Natural Gas : Includes natural gas, small quantities of blast furnance gas, coke oven gas, and refinery gas. An asterisk identifies the utilities receiving various gaseous fuels in addition to natural gas.

Abbreviations :

CONTR - Contract Purchase

SULF WT% - Percent Sulfur by Weight

% of TOTAL #2 +6 - Light Oil Deliveries as Percent of Total

CONT - Content

IRPT _ Interruptible Gas

% OF FUEL COST - Share of each fuel as a Percentage of the Total Cost of All Fossil Fuels

Note : Computer rounding may cause small quantities of fuel to appear as 0.

Appendix C

LIST OF 20 LARGEST COMPANIES RANKED BY
TOTAL BTU'S RECEIVED IN 1979

	Company Name	Total Btu's Billions	Total Cost Thousand Dollars
1.	Tennessee Valley Authority	949,534	1,273,832
2.	Houston Lighting & Power	548,119	940,143
3.	Southern California Edison	522,237	1,347,343
4.	Georgia Power	453,795	634,374
5.	Texas Power & Light	451,877	401,540
6.	Commonwealth Edison	406,359	879,705
7.	Pacific Gas & Electric	402,271	1,104,611
8.	The Detroit Edison Co.	385,440	636,228
9.	Duke Power	360,284	536,558
10.	Pennsylvania Electric	359,002	441,594
11.	Florida Power & Light	335,472	832,813
12.	Pennsylvania Power & Light	302,154	495,365
13.	Alabama Power Co.	287,976	435,871
14.	Union Electric	278,717	326,607
15.	Gulf States Utilities	278,392	395,855
16.	Virginia Electric & Power	271,371	633,535
17.	Public Service Co. of Indiana	265,214	283,202
18.	Pacific Power & Light	259,243	144,051
19.	Appalachian Power	252,718	377,444
20.	Salt River Project	235,812	217,560
	Total 20 Companies	7,605,987	12,338,231
	Total Number of Companies 281		
	20 Largest Companies as a Percent of Total Btu's and Total Fuel Bill	41.0	40.5

Appendix D

LIST OF 20 LARGEST ELECTRIC COMPANIES RANKED BY TOTAL FUEL BILL IN 1979

	Company Name	Cost Thousand Dollars	Total Btu Billions
1.	Southern California Edison	1,347,343	522,237
2.	Tennessee Valley Authority	1,273,832	949,534
3.	Pacific Gas & Electric	1,104,611	402,271
4.	Houston Lighting & Power	940,143	548,119
5.	Commonwealth Edison	879,705	406,359
6.	Florida Power & Light	832,813	335,472
7.	The Detroit Edison Co.	636,228	385,440
8.	Georgia Power	634,374	453,795
9.	Virginia Electric & Power	633,535	271,371
10.	Duke Power	536,558	360,284
11.	Consolidated Edison Co. of N.Y.	502,104	164,607
12.	Pennsylvania Power & Light	495,365	302,154
13.	Pennsylvania Electric	441,594	359,002
14.	Alabama Power Co.	435,871	287,976
15.	Public Service Electric & Gas-N.J.	434,861	150,451
16.	Texas Power & Light	401,540	451,877
17.	Gulf States Utilities	395,855	278,392
18.	Appalachian Power	377,444	252,718
19.	Consumers Power	368,868	201,716
20.	Florida Power Corp.	361,806	141,308
	Total 20 Companies	13,034,450	7,255,083
	Total Number of Companies 281		
	20 Largest Companies as a Percent of Total Bill and Total Btu's	42.8	38.9

Appendix E

LIST OF 20 LARGEST COMPANIES RANKED BY
COAL DELIVERIES IN 1979

	Company Name	Quantity Thousand Tons	Cost Thousand Dollars
1.	Tennessee Valley Authority	41,336	1,258,221
2.	Texas Power & Light	24,802	188,011
3.	Georgia Power	18,884	617,205
4.	Commonwealth Edison	15,937	512,149
5.	Pacific Power & Light	15,362	141,047
6.	Pennsylvania Electric	14,981	432,155
7.	Duke Power	14,794	531,175
8.	The Detroit Edison Co.	13,994	479,154
9.	Union Electric	12,341	304,336
10.	Public Service Co. of Indiana	12,321	274,840
11.	Alabama Power Co.	11,600	409,935
12.	Appalachian Power & Light	10,681	377,444
13.	Pennsylvania Power & Light	9,864	303,912
14.	Salt River Project	9,708	143,477
15.	Monongahela Power	9,210	273,828
16.	Ohio Elec Co.	9,163	278,932
17.	Ohio Power	9,074	225,504
18	Northern States Power	8,932	152,387
19.	Arizona Public Service	7,809	70,859
20.	Illinois Power	7,689	211,907
	Total 20 Companies	278,482	7,213,478
	Total Number of Companies Receiving Coal 188		
	20 Largest Companies as a Percent of All Coal Deliveries	50.0	49.6

Appendix F

LIST OF 20 LARGEST ELECTRIC COMPANIES RANKED BY OIL DELIVERIES IN 1979

	Company Name	Quantity Thousand Barrels	Cost Thousand Dollars
1.	Southern California Edison	47,345	888,198
2.	Florida Power & Light	39,203	744,278
3.	Pacific Gas & Electric	26,244	514,790
4.	Virginia Electric & Power	24,508	463,808
5.	Consolidated Edison Co. of N.Y.	18,867	391,431
6.	New England Power	18,420	291,599
7.	Long Island Lighting	17,003	281,045
8.	Public Serv. Elec. & Gas-N.J.	14,265	305,640
9.	Los Angeles Dept. of Water & Power	14,246	284,378
10.	Florida Power Corp.	14,187	254,072
11.	Boston Edison	14,165	282,542
12.	Commonwealth Edison	12,517	305,128
13.	Central Hudson Gas & Electric	12,027	196,124
14.	San Diego Gas & Electric	10,685	212,890
15.	Philadelphia Electric	10,253	221,438
16.	Pennsylvania Power & Light	10,108	191,452
17.	Jacksonville Electric Authority	9,993	181,545
18.	The Canal Electric Co.	9,768	164,184
19.	Mississippi Power & Light	9,716	133,475
20.	Niagara-Mohawk Power	9,067	169,036
	Total 20 Companies	342,587	6,477,053
	Total Number of Companies Receiving Oil 208		
	20 Largest Companies as a Percent of all Oil Deliveries	66.3	65.9

Appendix G

LIST OF 20 LARGEST ELECTRIC COMPANIES RANKED BY GAS DELIVERIES IN 1979

	Company Name	Quantity Thousand Mcf	Cost Thousand Dollars
1.	Houston Lighting & Power	469,151	822,706
2.	Pacific Gas & Electric	226,556	589,821
3.	Gulf States Utilities	221,483	256,939
4.	Oklahoma Gas & Electric	165,882	257,962
5.	Southern California Edison	156,635	395,164
6.	Louisiana Power & Light	153,052	95,556
7.	Public Service Co of Oklahoma	140,443	236,349
8.	Central Power & Light	124,829	287,906
9.	Texas Power & Light	122,548	212,528
10.	Texas Electric Service	113,740	84,570
11.	Florida Power & Light	91,248	88,535
12.	Southwestern Public Service	90,682	177,502
13.	Southwestern Electric Power	86,999	97,958
14.	Central Louisiana Electric	62,819	149,973
15.	Dallas Power & Light	61,348	129,731
16.	Mississippi Power & Light	48,852	84,472
17.	Consolidated Edison Co of New York	47,868	110,673
18.	West Texas Utilities	46,556	81,405
19.	Kansas Gas & Electric	43,973	59,902
20.	New Orleans Public Service	34,844	86,788
	Total 20 Companies	2,509,508	4,306,440
	Total Number of Companies 186		
	20 Largest Companies as a Percent of Total Btu's and Total Fuel Bill	74.3	70.6

DEFINITION OF BITUMINOUS COAL AND LIGNITE PRODUCING DISTRICTS

DISTRICT 1.—EASTERN PENNSYLVANIA

Pennsylvania

Armstrong County (part).—All mines east of the Allegheny River, and those mines served by the Pittsburgh & Shawmut Railroad located on the west bank of the river.

Fayette County (part).—All mines located on and east of the line of Indian Creek Valley branch of the Baltimore & Ohio Railroad.

Indiana County (part).—All mines not served by the Saltsburg branch of the Consolidated Rail Corporation.

Westmoreland County (part).—All mines served by the Consolidated Rail Corporation from Torrence, east.

All mines in the following counties:

Bedford	Centre	Forest	McKean
Blair	Clarion	Fulton	Mifflin
Bradford	Clearfield	Huntingdon	Potter
Cambria	Clinton	Jefferson	Somerset
Cameron	Elk	Lycoming	Tioga

Maryland.—All mines in the State.

West Virginia.—All mines in the following counties:

Grant Mineral Tucker

DISTRICT 2.—WESTERN PENNSYLVANIA

Pennsylvania

Armstrong County (part).—All mines west of the Allegheny River except those mines served by the Pittsburgh & Shawmut Railroad.

Fayette County (part).—All mines except those on and east of the line of Indian Creek Valley branch of the Baltimore & Ohio Railroad.

Indiana County (part).—All mines served by the Saltsburg branch of the Consolidated Rail Corporation.

Westmoreland County (part).—All mines except those served by the Consolidated Rail Corporation from Torrence, east.

All mines in the following counties:

Allegheny	Butler	Lawrence	Venango
Beaver	Greene	Mercer	Washington

DISTRICT 3.—NORTHERN WEST VIRGINIA

West Virginia

Nicholas County (part).—All mines served by or north of the Baltimore & Ohio Railroad.

All mines in the following counties:

Barbour	Jackson	Randolph	Webster
Braxton	Lewis	Ritchie	Wetzel
Calhoun	Marion	Roane	Wirt
Doddridge	Monongalia	Taylor	Wood
Gilmer	Pleasants	Tyler	
Harrison	Preston	Upshur	

DISTRICT 4.—OHIO.—All mines in the State.

DISTRICT 5.—MICHIGAN.—All mines in the State.

DISTRICT 6.—PANHANDLE

West Virginia.—All mines in the following counties:

Brooke Hancock Marshall Ohio

DISTRICT 7.—SOUTHERN NO. 1

West Virginia

Fayette County (part).—All mines east of Gauley River and all mines served by the Gauley River branch of the Chesapeake & Ohio Railroad and mines served by the Virginian Railway.

McDowell County (part).—All mines in that portion of the county served by the Dry Fork Branch of the Norfolk & Western Railroad and east thereof.

Raleigh County (part).—All mines except those on the Coal River Branch of the Chesapeake & Ohio Railroad and north thereof.

Wyoming County (part).—All mines in that portion served by the Gilbert branch of the Virginian Railway lying east of the mouth of Skin Fork of Guyandot River and in that portion served by the main line and the Glen Rogers branch of the Virginian Railway.

All mines in the following counties:

Greenbrier Mercer Monroe Pocahontas Summers

Virginia

Buchanan County (part).—All mines in that portion of the county served by the Richlands-Jewell Ridge branch of the Norfolk & Western Railroad and in that portion on the headwaters of Dismal Creek east of Lynn Camp Creek (a tributary of Dismal Creek).

Tazewell County (part).—All mines in those portions of the county served by the Dry Fork branch to Cedar Bluff and from Bluestone Junction to Boissevain branch of the Norfolk & Western Railroad and Richlands-Jewell Ridge branch of the Norfolk & Western Railroad.

All mines in the following counties:

Montgomery Pulaski Wythe Giles Craig

DISTRICT 8.—SOUTHERN NO. 2

West Virginia

Fayette County (part).—All mines west of the Gauley River except mines served by the Gauley River branch of the Chesapeake & Ohio Railroad.

McDowell County (part).—All mines west of and not served by the Dry Fork branch of the Norfolk & Western Railroad.

Nicholas County (part).—All mines in that part of the county south of and not served by the Baltimore & Ohio Railroad.

Raleigh County (part).—All mines on the Coal River branch of the Chesapeake & Ohio Railroad and north thereof.

DISTRICT 8.—SOUTHERN NO. 2—Continued

West Virginia—Continued

Wyoming County (part).—All mines in that portion served by the Gilbert branch of the Virginian Railway and lying west of the mouth of Skin Fork of Guyandot River.

All mines in the following counties:

Boone	Kanawha	Mason	Wayne
Cabell	Lincoln	Mingo	
Clay	Logan	Putnam	

Virginia

Buchanan County (part).—All mines in the county, except in that portion on the headwaters of Dismal Creek, east of Lynn Camp Creek (a tributary of Dismal Creek) and in that portion served by the Richlands-Jewell Ridge branch of the Norfolk & Western Railroad.

Tazewell County (part).—All mines in the county except in those portions served by the Dry Fork branch of the Norfolk & Western Railroad and branch from Bluestone Junction to Boissevain of Norfolk & Western Railroad and Richlands-Jewell Ridge branch of the Norfolk & Western Railroad.

All mines in the following counties:

Dickinson Lee Russell Scott Wise

Kentucky.—All mines in the the following counties in eastern Kentucky:

Bell	Greenup	Lawrence	Morgan
Boyd	Harlan	Lee	Owsley
Breathitt	Jackson	Leslie	Perry
Carter	Johnson	Letcher	Pike
Clay	Knott	McCreary	Rockcastle
Elliott	Knox	Magoffin	Wayne
Floyd	Laurel	Martin	Whitley

Tennessee.—All mines in the following counties:

Anderson	Cumberland	Overton
Campbell	Fentress	Roane
Claiborne	Morgan	Scott

North Carolina.—All mines in the State.

DISTRICT 9.—WEST KENTUCKY

Kentucky.—All mines in the following counties in western Kentucky:

Butler	Hancock	McLean	Todd
Christian	Henderson	Muhlenberg	Union
Crittenden	Hopkins	Ohio	Warren
Daviess	Logan	Simpson	Webster

DISTRICT 10.—ILLINOIS.—All mines in the State.

DISTRICT 11.—INDIANA.—All mines in the State.

DISTRICT 12.—IOWA.—All mines in the State.

DISTRICT 13.—SOUTHEASTERN

Alabama.—All mines in the State.

Georgia.—All mines in the following counties:

Dade Walker

Tennessee.—All mines in the following counties:

Bledsoe	Marion	Sequatchie	Warren
Grundy	McMinn	Van Buren	White
Hamilton	Rhea		

DISTRICT 14.—ARKANSAS-OKLAHOMA

Arkansas.—All mines in the State.

Oklahoma.—All mines in the following counties:

Haskell Le Flore Sequoyah

DISTRICT 15.—SOUTHWESTERN

Kansas.—All mines in the State.

Texas.—All mines in the State.

Missouri.—All mines in the State.

Oklahoma.—All mines in the following counties:

Coal	Latimer	Okmulgee	Rogers	Wagoner
Craig	Muskogee	Pittsburg	Tulsa	

DISTRICT 16.—NORTHERN COLORADO

All mines in the following counties in the State:

Adams	Douglas	Jackson	Larimer
Arapahoe	Elbert	Jefferson	Weld
Boulder	El Paso		

DISTRICT 17.—SOUTHERN COLORADO

Colorado.—All mines except those included in District 16.

New Mexico.—All mines except those included in District 18.

DISTRICT 18.—NEW MEXICO

New Mexico.—All mines in the following counties:

Grant	McKinley	Sandoval	San Miguel	Socorro
Lincoln	Rio Arriba	San Juan	Santa Fe	

Arizona.—All mines in the State.

California.—All mines in the State.

DISTRICT 19.—WYOMING

Wyoming.—All mines in the State.

Idaho.—All mines in the State.

DISTRICT 20.—UTAH.—All mines in the State.

DISTRICT 21.—NORTH DAKOTA-SOUTH DAKOTA.—All mines in North Dakota and South Dakota.

DISTRICT 22.—MONTANA.—All mines in the State.

DISTRICT 23.—WASHINGTON

Washington.—All mines in the State.

Oregon.—All mines in the State.

Alaska.—All mines in the Territory.

GEOGRAPHIC DIVISIONS

PACIFIC NONCONTIG. STATE